

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081519\
 Data File : VN057291.D
 Acq On : 14 Aug 2019 17:03
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 19:37:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 19:33:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	873586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1276787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1144523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402471	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	196946	22.37	ug/l	0.00
Spiked Amount			Recovery	=	44.74%	
35) Dibromofluoromethane	7.58	113	169605	20.99	ug/l	0.00
Spiked Amount			Recovery	=	41.98%	
50) Toluene-d8	10.09	98	645424	21.90	ug/l	0.00
Spiked Amount			Recovery	=	43.80%	
62) 4-Bromofluorobenzene	12.40	95	205613	20.24	ug/l	0.00
Spiked Amount			Recovery	=	40.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	152047	20.770	ug/l	97
3) Chloromethane	2.05	50	171411	20.634	ug/l	99
4) Vinyl Chloride	2.18	62	165543	20.565	ug/l	100
5) Bromomethane	2.54	94	123960	21.856	ug/l	100
6) Chloroethane	2.69	64	113568	21.768	ug/l	94
7) Trichlorofluoromethane	3.02	101	261674	20.576	ug/l	99
8) Diethyl Ether	3.40	74	99888	21.540	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	156282	20.482	ug/l	99
10) Methyl Iodide	3.95	142	246633	20.846	ug/l	99
11) Tert butyl alcohol	4.76	59	134520	111.260	ug/l	100
12) 1,1-Dichloroethene	3.73	96	153245	20.193	ug/l	98
13) Acrolein	3.60	56	76562	92.008	ug/l	97
14) Allyl chloride	4.32	41	245205	21.189	ug/l	99
15) Acrylonitrile	4.97	53	383996	113.886	ug/l	99
16) Acetone	3.81	43	335291	110.897	ug/l	99
17) Carbon Disulfide	4.05	76	400272	19.385	ug/l	99
18) Methyl Acetate	4.31	43	193885	18.682	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	480482	21.075	ug/l	97
20) Methylene Chloride	4.54	84	179132	20.271	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	161623	20.017	ug/l	97
22) Diisopropyl ether	5.94	45	495025	21.683	ug/l	97
23) Vinyl Acetate	5.88	43	1988220	109.784	ug/l	99
24) 1,1-Dichloroethane	5.84	63	301625	21.087	ug/l	99
25) 2-Butanone	6.82	43	492299	113.425	ug/l	98
26) 2,2-Dichloropropane	6.81	77	248997	21.333	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	193881	20.781	ug/l	100
28) Bromochloromethane	7.18	49	141223	22.168	ug/l #	99
29) Tetrahydrofuran	7.20	42	312203	112.697	ug/l	98
30) Chloroform	7.36	83	307866	20.566	ug/l	97
31) Cyclohexane	7.65	56	261626	21.041	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	269490	21.291	ug/l	98
36) 1,1-Dichloropropene	7.79	75	226491	20.438	ug/l	98
37) Ethyl Acetate	6.92	43	201535	22.213	ug/l	99
38) Carbon Tetrachloride	7.76	117	232993	19.768	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	268613	20.504	ug/l	99
40) Benzene	8.03	78	702537	20.741	ug/l	99
41) Methacrylonitrile	7.19	41	280844	74.101	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	234206	21.525	ug/l	99
43) Isopropyl Acetate	8.16	43	355643	23.586	ug/l	100
44) Trichloroethene	8.83	130	194623	19.939	ug/l	98
45) 1,2-Dichloropropane	9.11	63	185311	21.560	ug/l	98
46) Dibromomethane	9.20	93	119806	20.727	ug/l	99
47) Bromodichloromethane	9.40	83	237073	21.231	ug/l	98
48) Methyl methacrylate	9.19	41	152016	21.984	ug/l	98
49) 1,4-Dioxane	9.19	88	65163	419.564	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	987139	112.412	ug/l	100
52) Toluene	10.15	92	440839	20.978	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	255143	21.366	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	287532	21.372	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	172663	20.933	ug/l	99
56) Ethyl methacrylate	10.42	69	251888	21.636	ug/l	99
57) 1,3-Dichloropropane	10.70	76	289725	21.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	305615	104.382	ug/l	100
59) 2-Hexanone	10.75	43	706852	113.260	ug/l	100
60) Dibromochloromethane	10.90	129	192489	20.803	ug/l	99
61) 1,2-Dibromoethane	11.00	107	181830	21.216	ug/l	100
64) Tetrachloroethene	10.63	164	203314	20.207	ug/l	99
65) Chlorobenzene	11.43	112	472630	20.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	185121	20.566	ug/l	99
67) Ethyl Benzene	11.51	91	831558	20.850	ug/l	100
68) m/p-Xylenes	11.62	106	616170	41.358	ug/l	100
69) o-Xylene	11.95	106	304980	20.880	ug/l	99
70) Styrene	11.96	104	471976	20.903	ug/l	99
71) Bromoform	12.12	173	140069	20.243	ug/l #	97
73) Isopropylbenzene	12.25	105	822962	22.048	ug/l	100
74) N-amyl acetate	12.07	43	243949	22.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	233560	21.799	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	286030	33.597	ug/l #	100
77) Bromobenzene	12.53	156	204713	20.149	ug/l	97
78) n-propylbenzene	12.59	91	795894	21.177	ug/l	100
79) 2-Chlorotoluene	12.67	91	516302	21.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	661090	21.842	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	72160	23.782	ug/l	98
82) 4-Chlorotoluene	12.77	91	459634	20.902	ug/l	98
83) tert-Butylbenzene	12.99	119	591423	20.934	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	605479	21.390	ug/l	100
85) sec-Butylbenzene	13.17	105	705697	20.853	ug/l	99
86) p-Isopropyltoluene	13.29	119	594761	20.158	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	288449	20.753	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	259799	19.254	ug/l	98
89) n-Butylbenzene	13.62	91	448876	21.648	ug/l	100
90) Hexachloroethane	13.88	117	121823	21.129	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	282391	20.891	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28528	21.177	ug/l	98

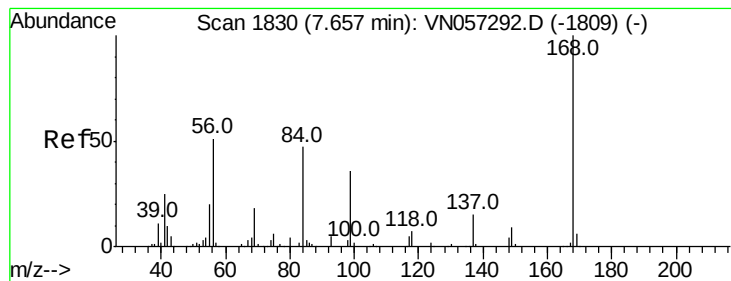
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69118	14.248	ug/l	98
94) Hexachlorobutadiene	15.01	225	126126	19.394	ug/l	98
95) Naphthalene	15.13	128	136862	14.364	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	69513	14.139	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

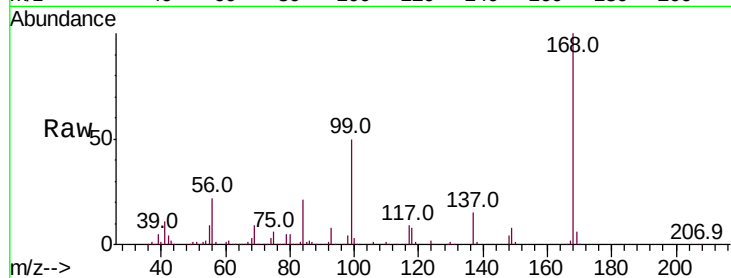
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 873586

Ion Ratio Lower Upper

168 100

99 49.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

300000

200000

100000

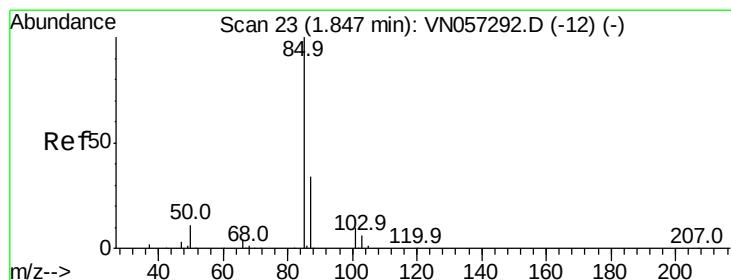
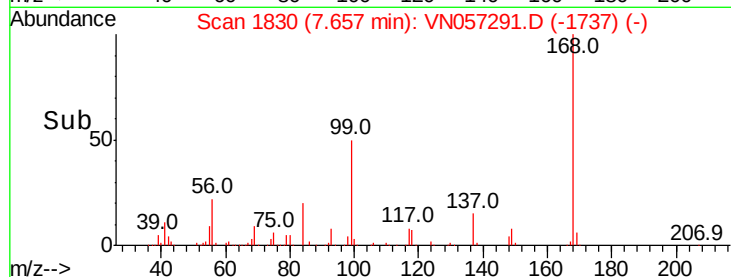
0

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.770 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN057291.D

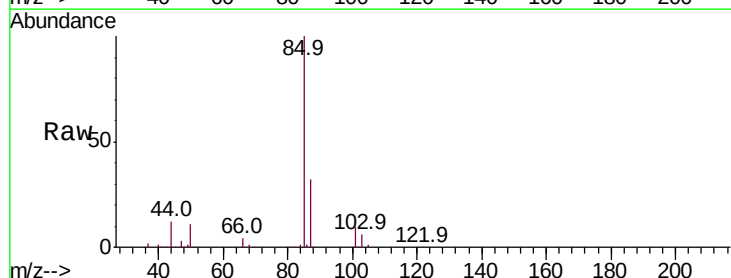
Acq: 14 Aug 2019 17:03

Tgt Ion: 85 Resp: 152047

Ion Ratio Lower Upper

85 100

87 32.3 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

60000

40000

20000

0

1.75

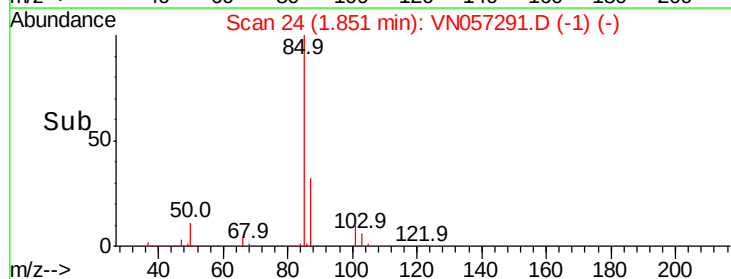
1.80

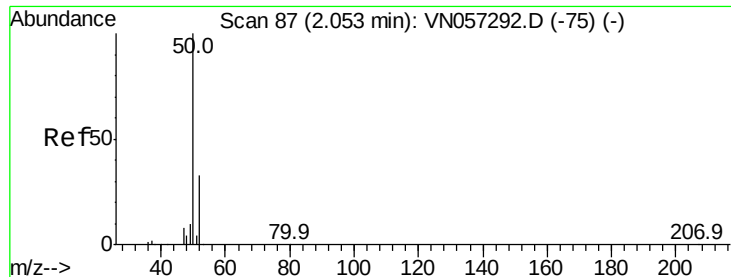
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 20.634 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

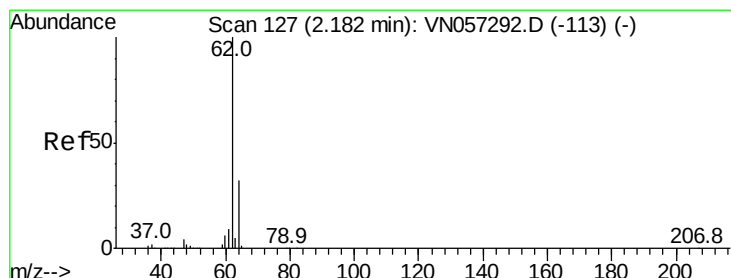
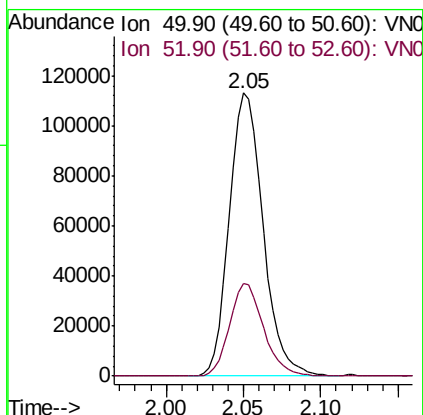
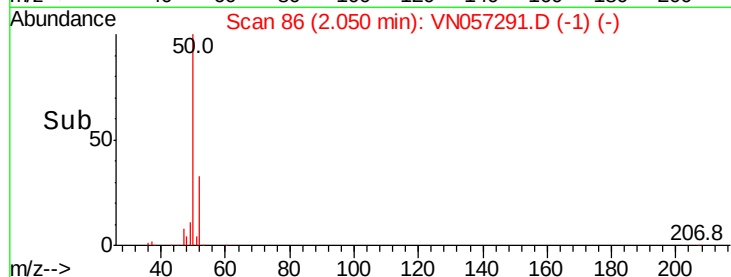
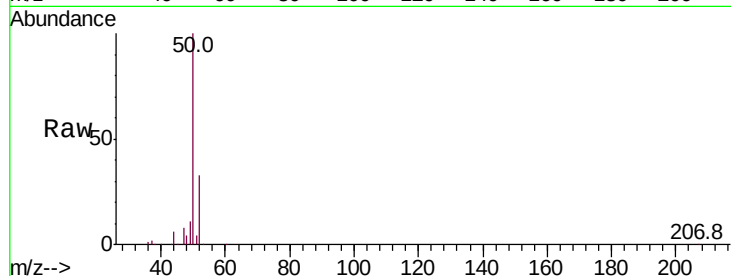
ClientSampled :

Tot Ion: 50 Resp: 171411

Ion Ratio Lower Upper

50 100

52 32.9 26.8 40.2



#4

Vinyl Chloride

Concen: 20.565 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057291.D

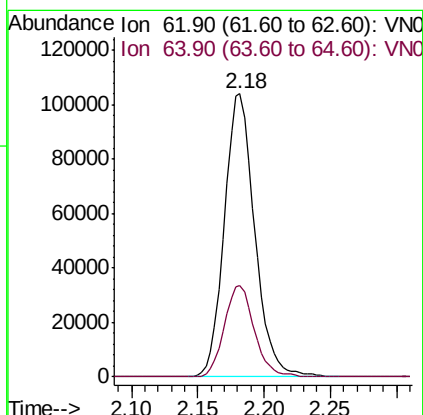
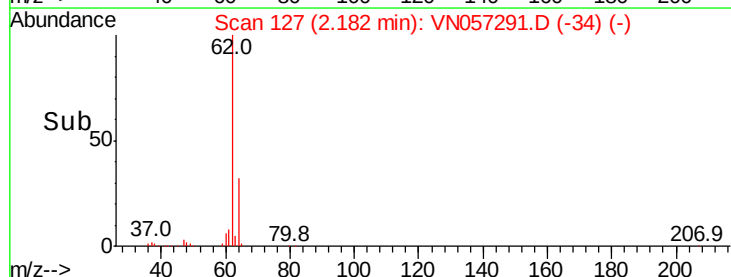
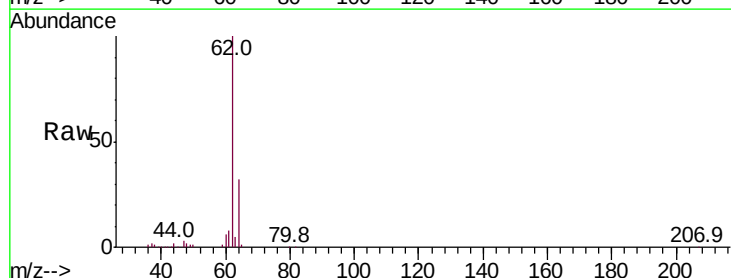
Acq: 14 Aug 2019 17:03

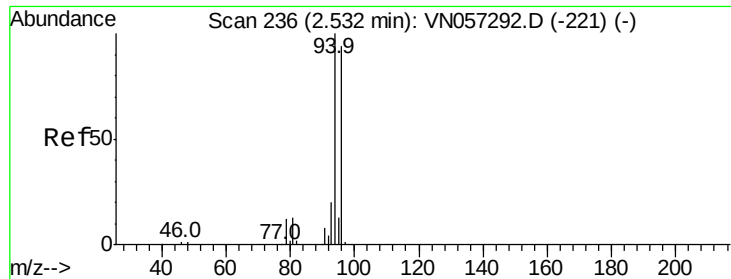
Tgt Ion: 62 Resp: 165543

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9

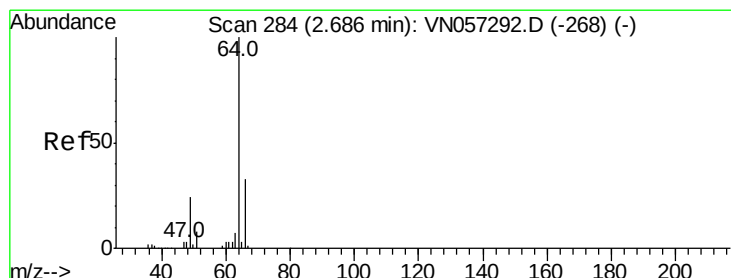
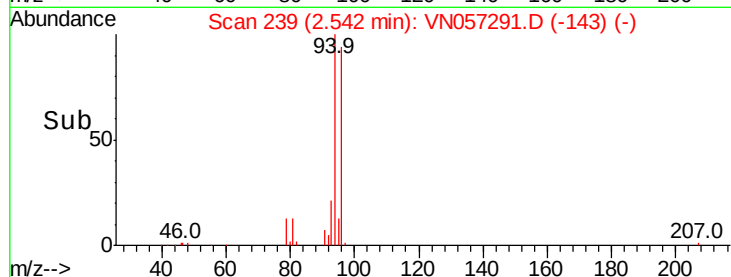
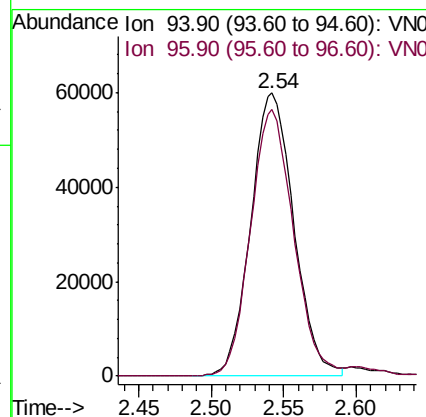
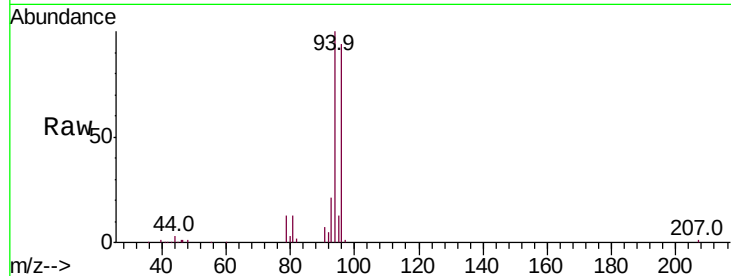




#5
Bromomethane
Concen: 21.856 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

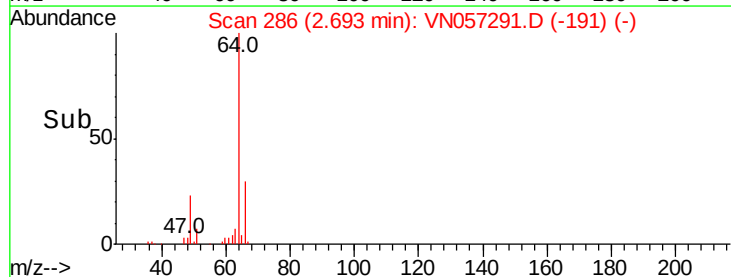
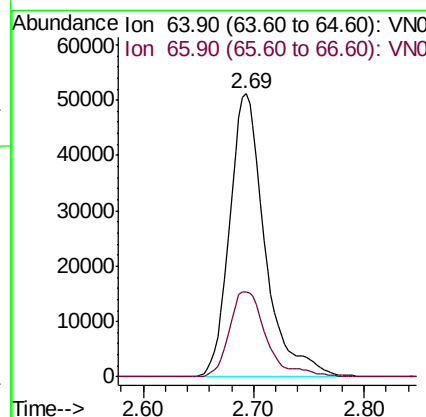
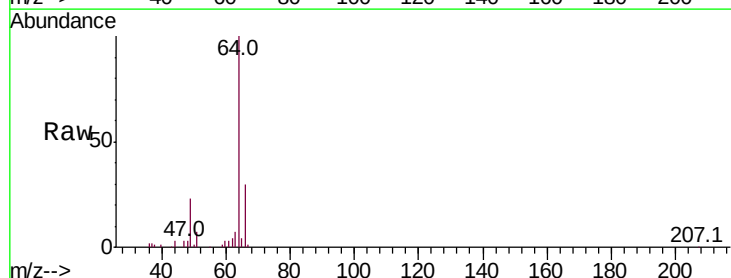
Instrument :
MSVOA_N
ClientSampleId :

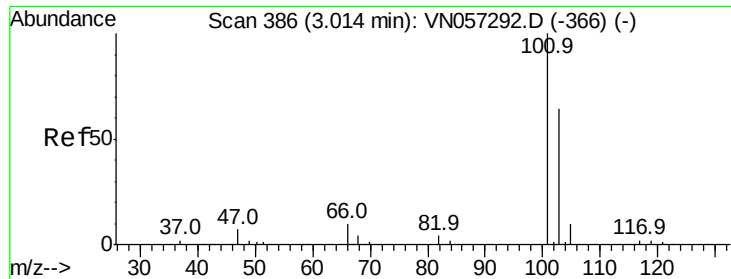
Tot Ion: 94 Resp: 123960
Ion Ratio Lower Upper
94 100
96 94.2 75.0 112.6



#6
Chloroethane
Concen: 21.768 ug/l
RT: 2.69 min Scan# 286
Delta R.T. 0.01 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion: 64 Resp: 113568
Ion Ratio Lower Upper
64 100
66 29.9 26.4 39.6



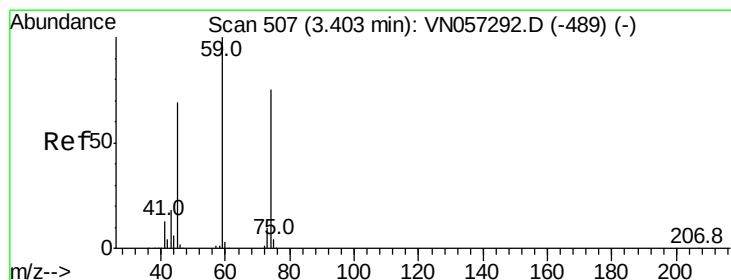
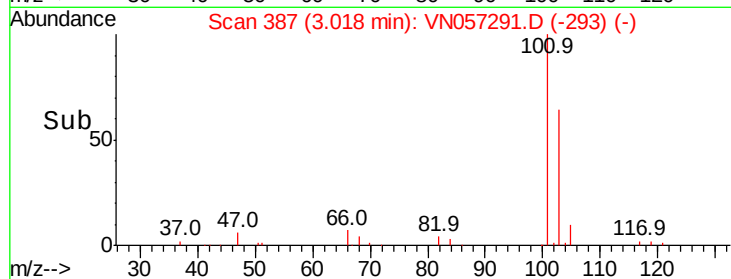
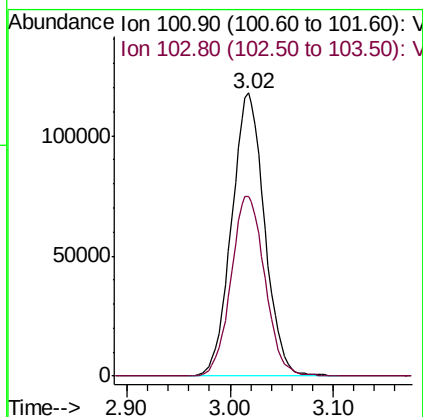
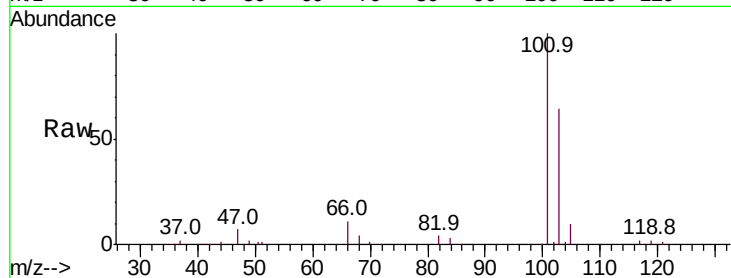


#7

Trichlorofluoromethane
 Concen: 20.576 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Instrument :
 MSVOA_N
 ClientSampled :

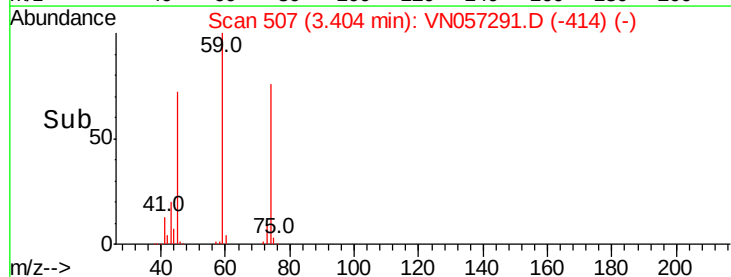
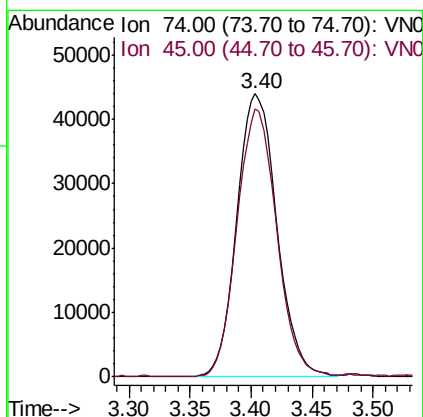
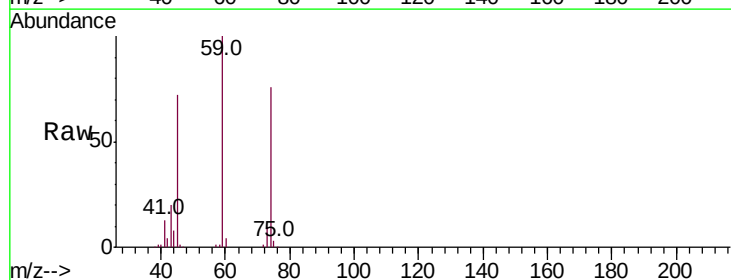
Tot Ion:101 Resp: 261674
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.5 77.3

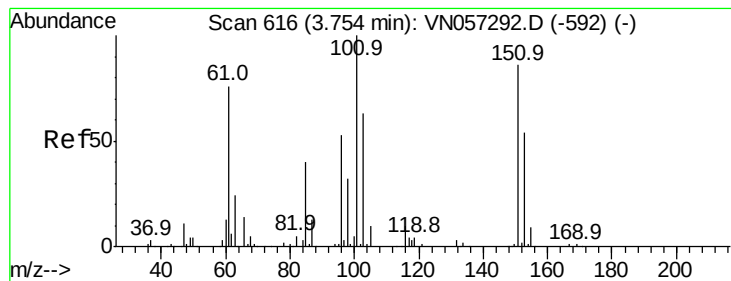


#8

Diethyl Ether
 Concen: 21.540 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion: 74 Resp: 99888
 Ion Ratio Lower Upper
 74 100
 45 93.7 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.482 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

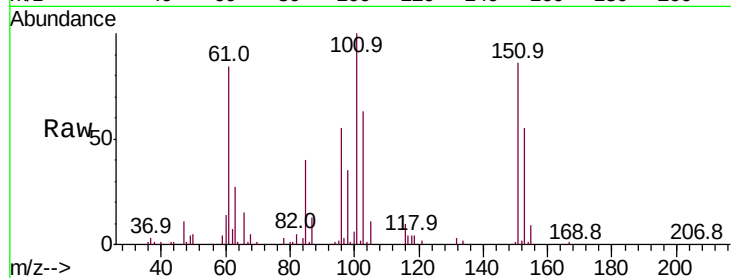
Tot Ion:101 Resp: 156282

Ion Ratio Lower Upper

101 100

85 41.1 32.7 49.1

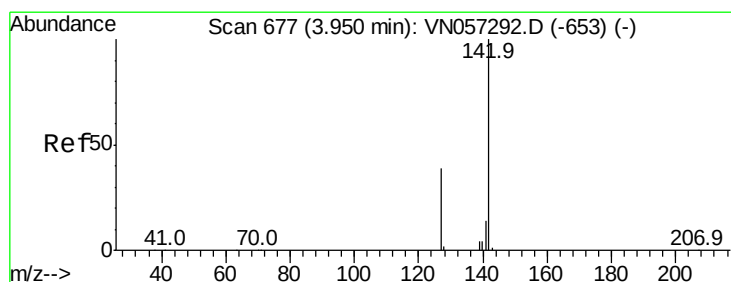
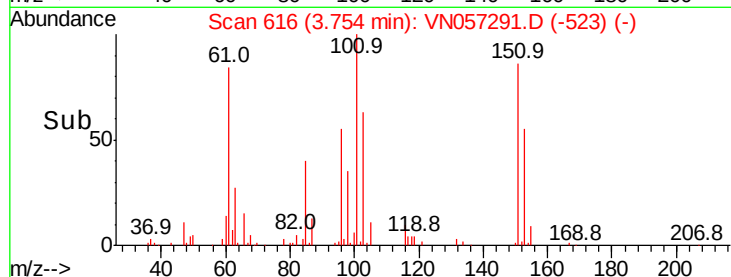
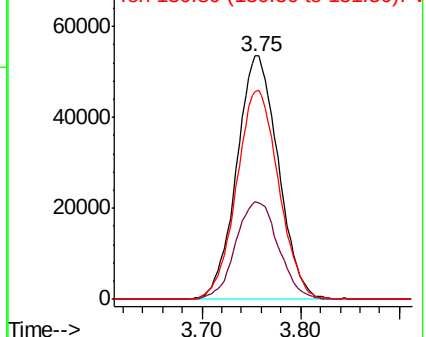
151 87.1 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.846 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

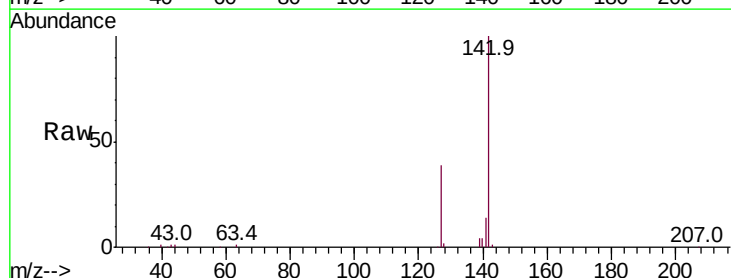
Tgt Ion:142 Resp: 246633

Ion Ratio Lower Upper

142 100

127 40.0 31.6 47.4

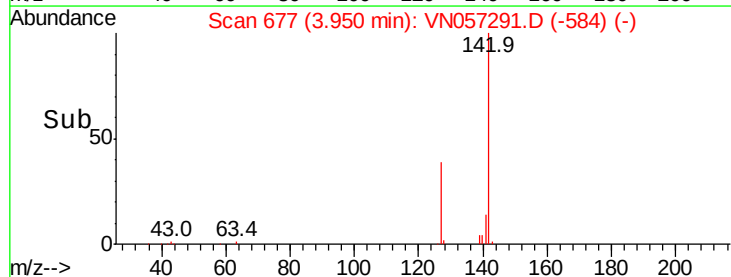
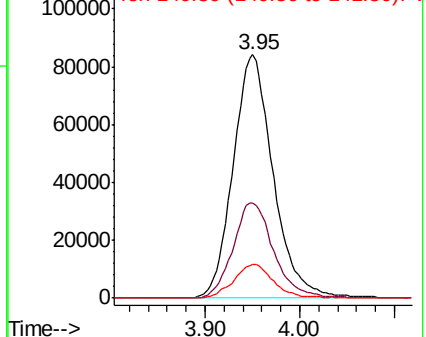
141 13.8 11.2 16.8

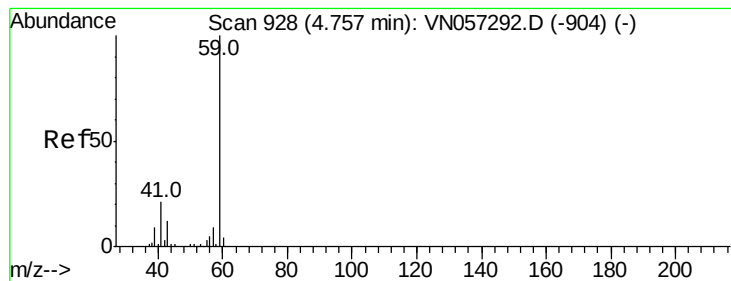


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



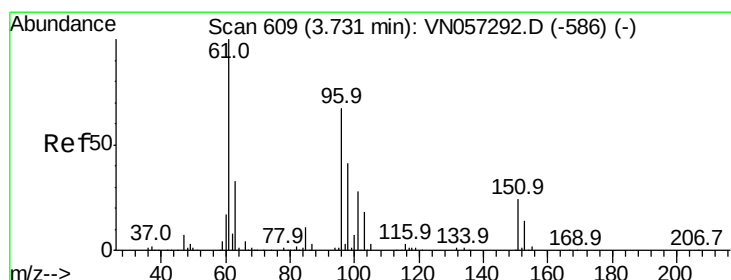
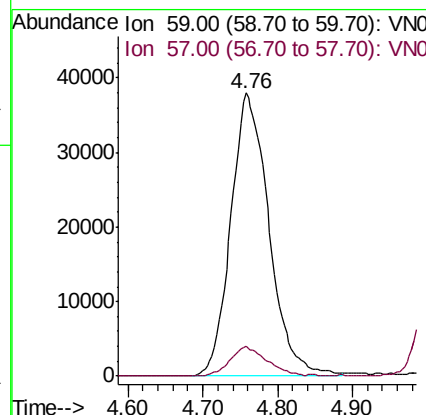
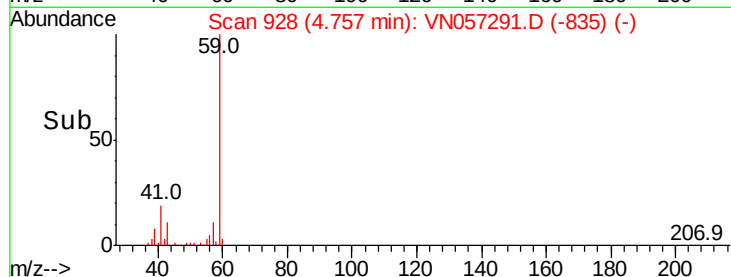
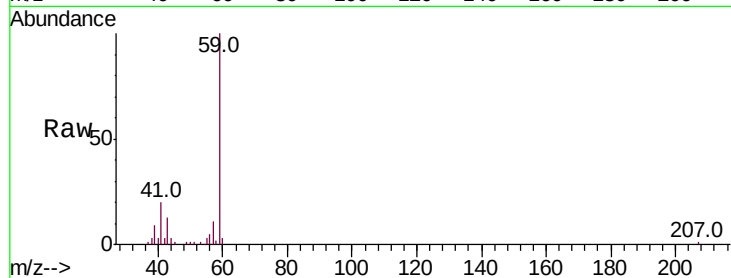


#11

Tert butyl alcohol
 Concen: 111.260 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :

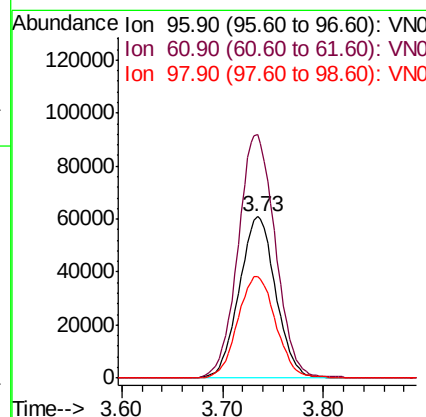
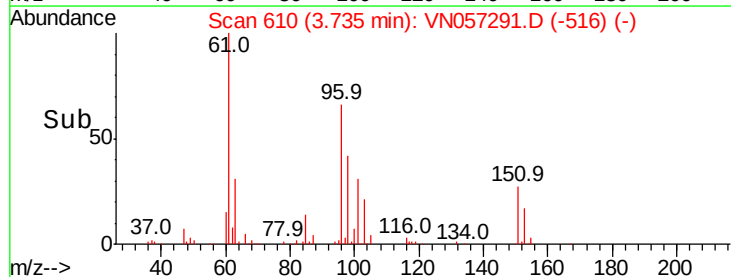
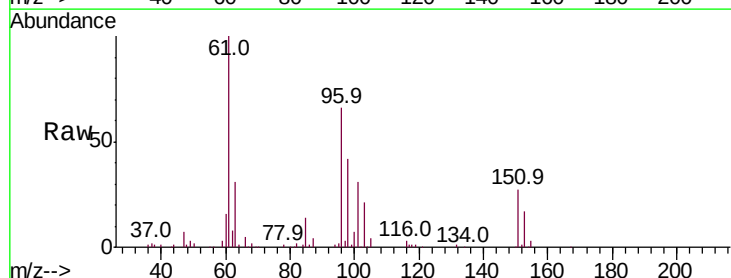
Tot Ion: 59 Resp: 134520
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

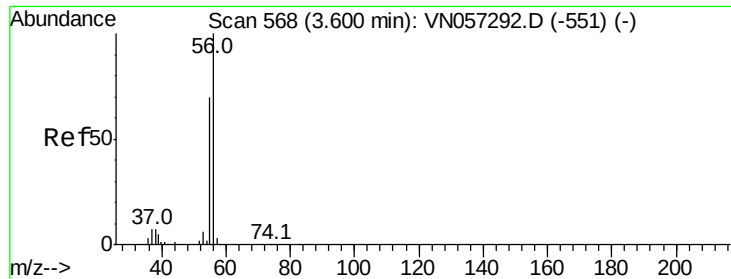


#12

1,1-Dichloroethene
 Concen: 20.193 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion: 96 Resp: 153245
 Ion Ratio Lower Upper
 96 100
 61 151.0 119.7 179.5
 98 63.3 49.0 73.4





#13

Acrolein

Concen: 92.008 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

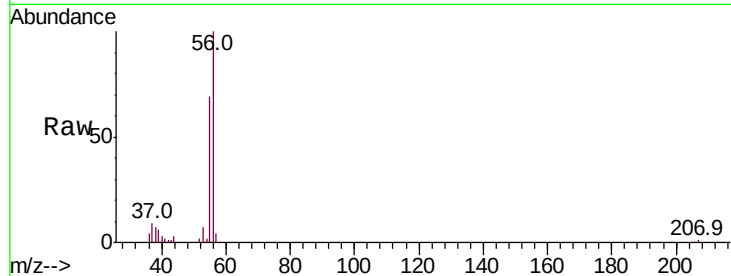
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 76562

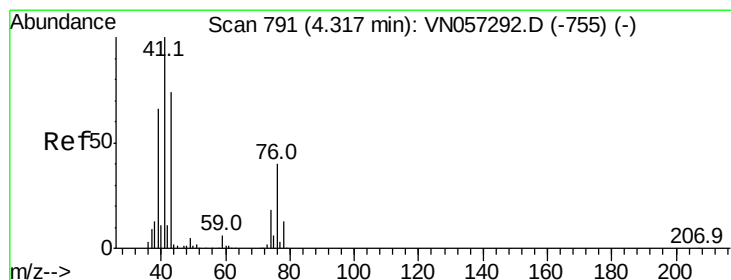
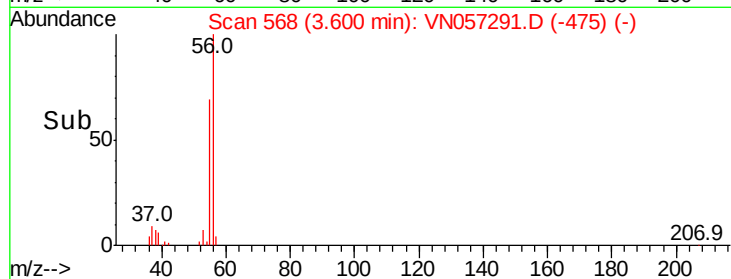
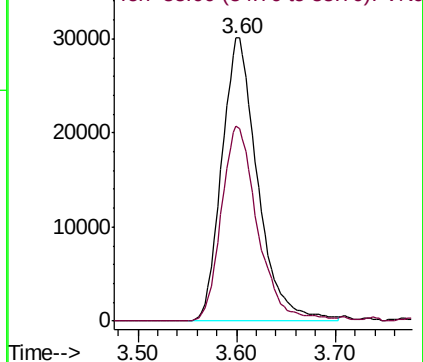
Ion Ratio Lower Upper

56 100

55 68.2 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 21.189 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

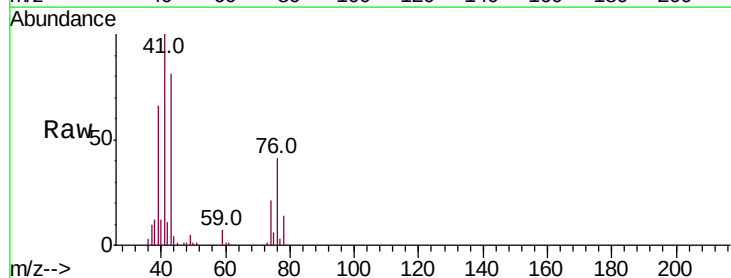
Tgt Ion: 41 Resp: 245205

Ion Ratio Lower Upper

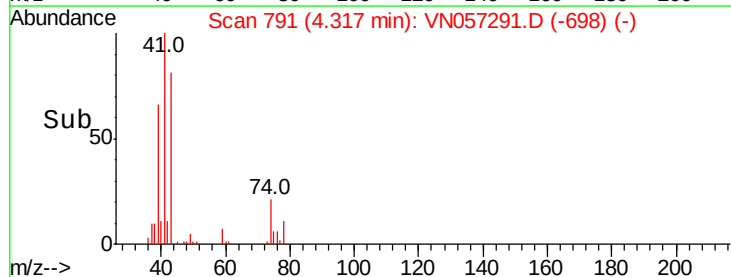
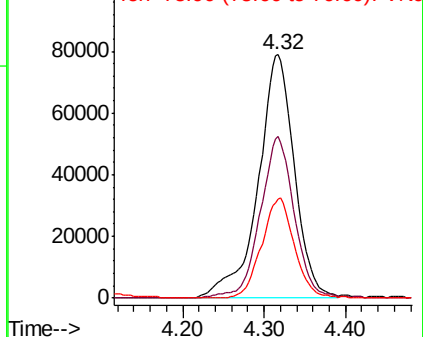
41 100

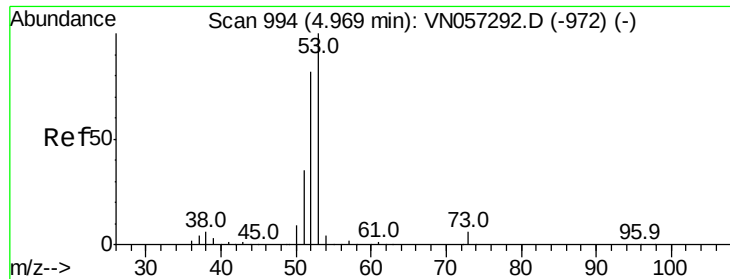
39 62.2 49.0 73.6

76 37.0 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 113.886 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

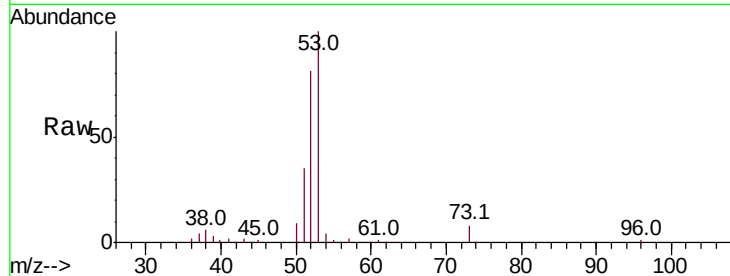
Tot Ion: 53 Resp: 383996

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.2

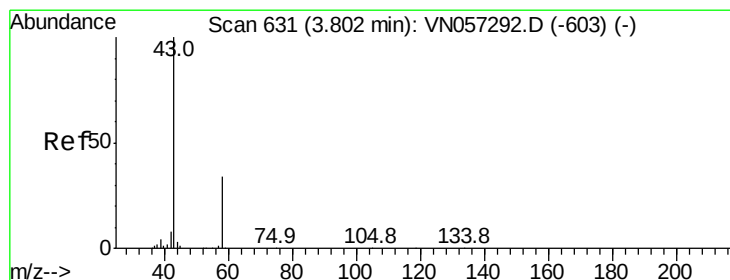
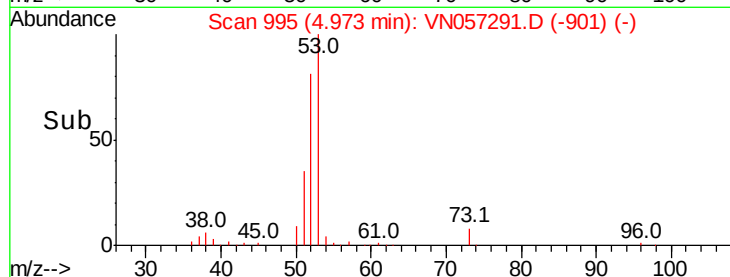
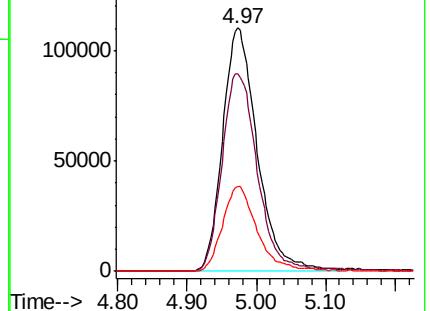
51 34.9 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 110.897 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057291.D

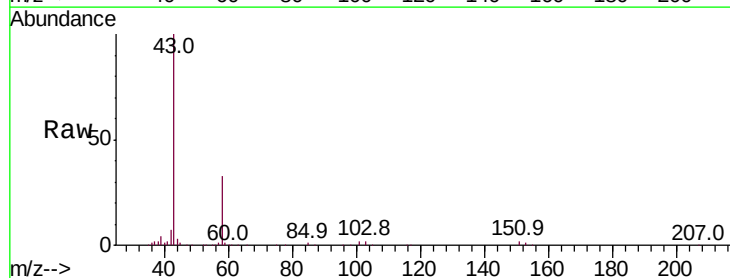
Acq: 14 Aug 2019 17:03

Tgt Ion: 43 Resp: 335291

Ion Ratio Lower Upper

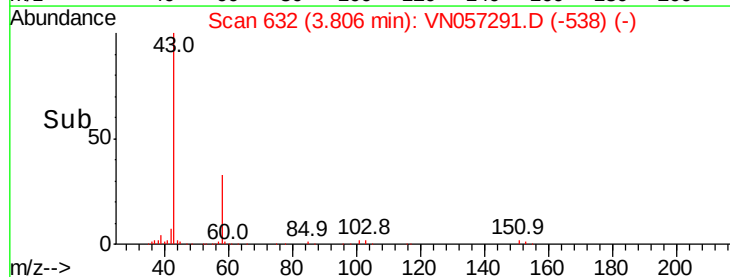
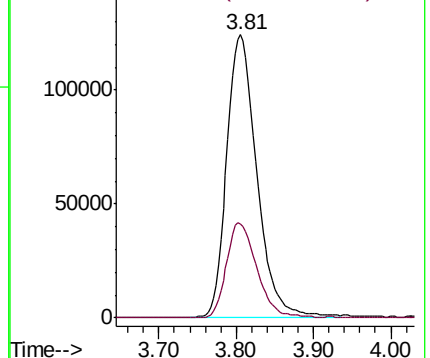
43 100

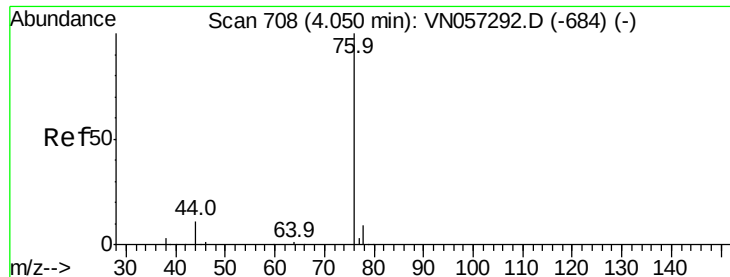
58 33.3 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.385 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

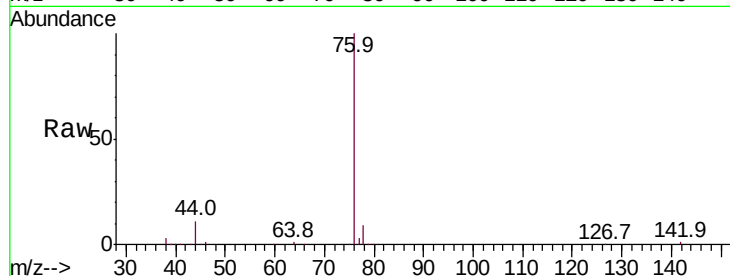
ClientSampled :

Tot Ion: 76 Resp: 400272

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.05

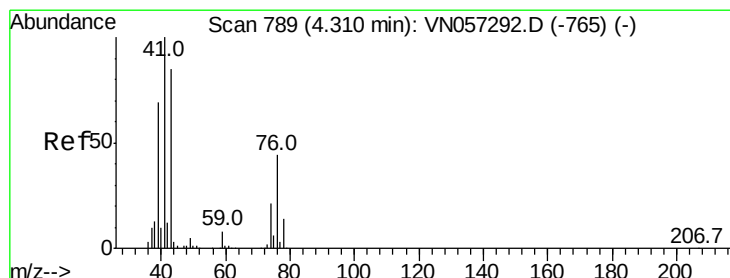
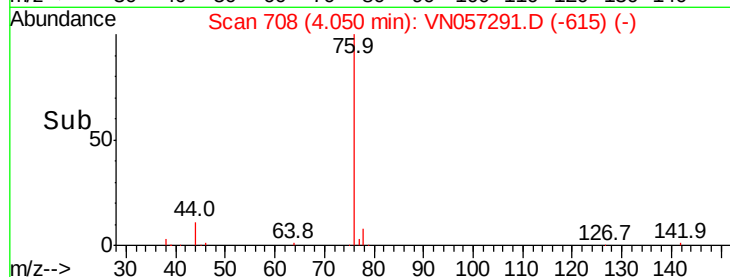
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.682 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057291.D

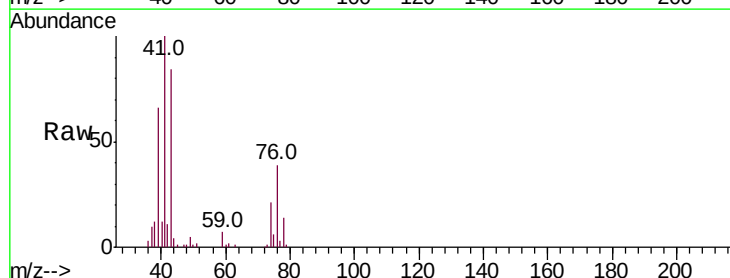
Acq: 14 Aug 2019 17:03

Tgt Ion: 43 Resp: 193885

Ion Ratio Lower Upper

43 100

74 25.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.31

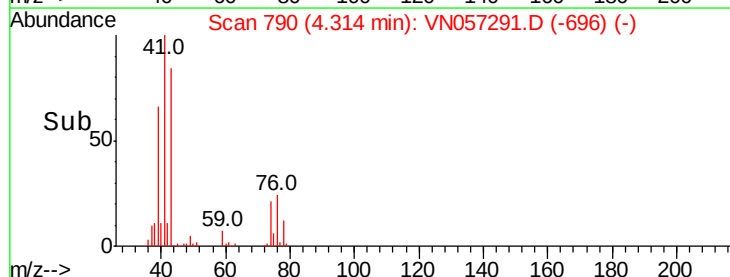
60000

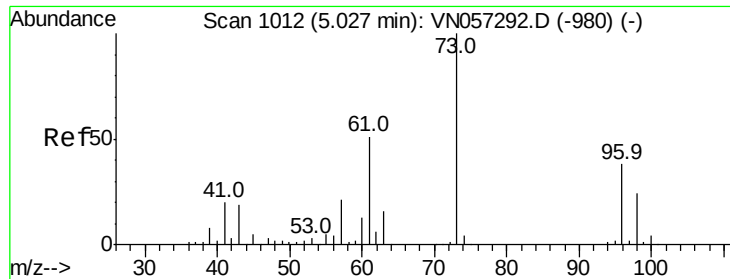
40000

20000

0

Time-->

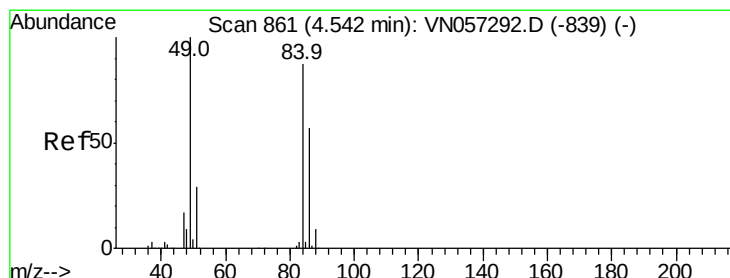
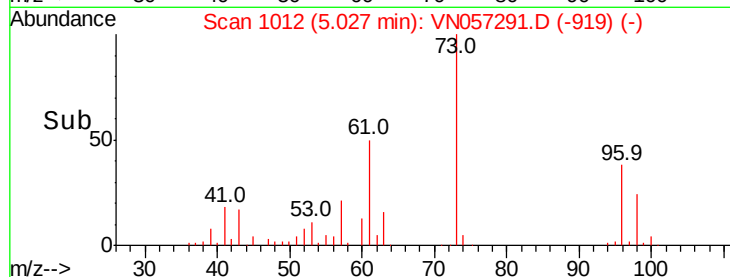
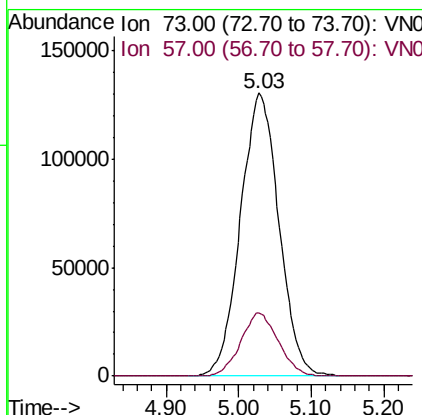
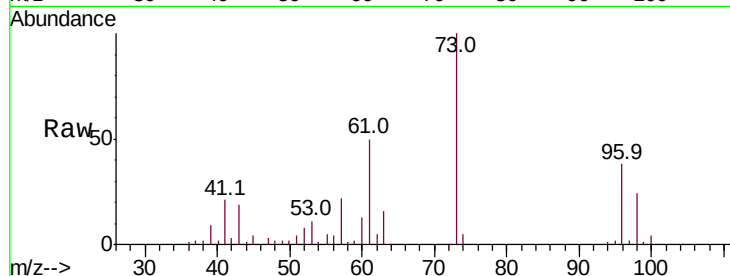




#19
Methyl tert-butyl Ether
Concen: 21.075 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

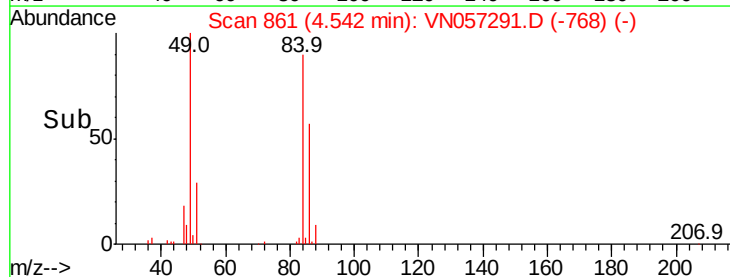
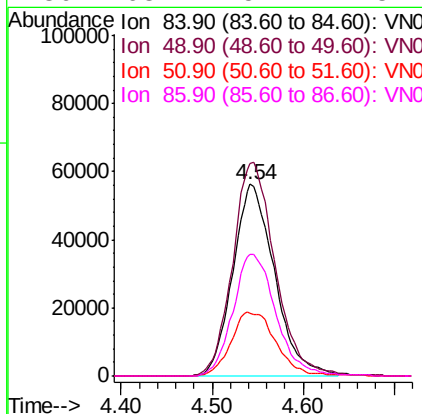
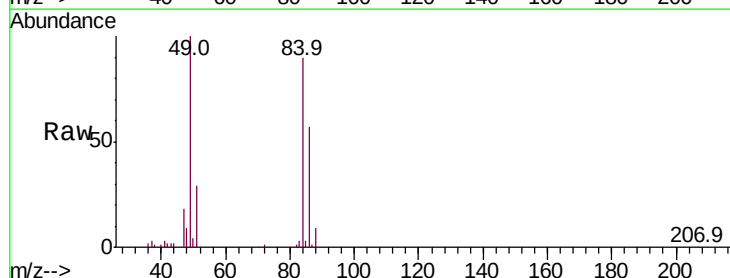
Instrument :
MSVOA_N
ClientSampled :

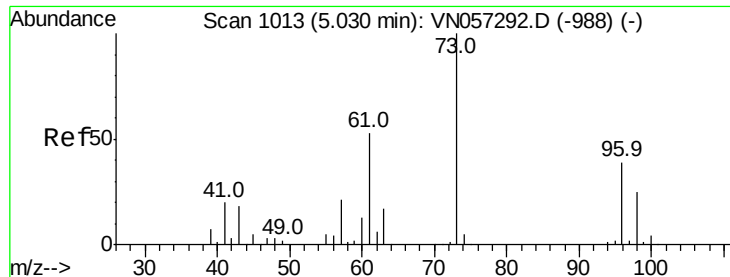
Tot Ion: 73 Resp: 480482
Ion Ratio Lower Upper
73 100
57 22.3 16.9 25.3



#20
Methylene Chloride
Concen: 20.271 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion: 84 Resp: 179132
Ion Ratio Lower Upper
84 100
49 110.9 92.0 138.0
51 32.7 27.1 40.7
86 63.4 52.2 78.2

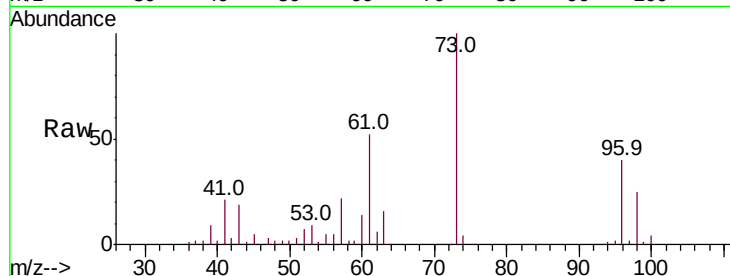




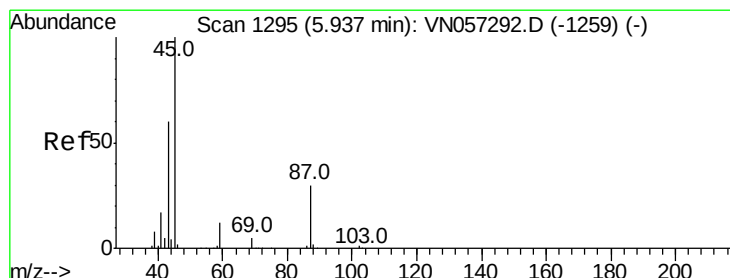
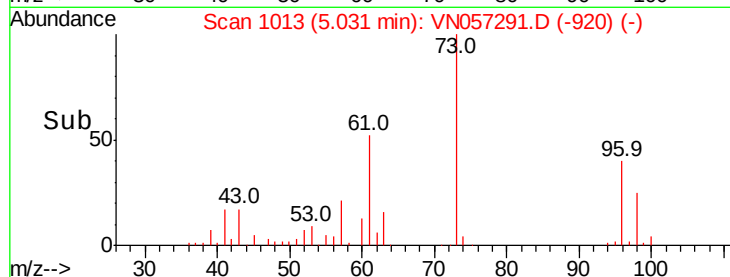
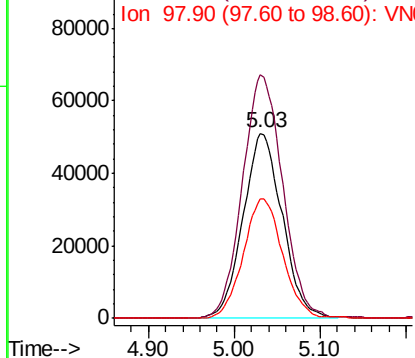
#21
trans-1,2-Dichloroethene
Concen: 20.017 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 161623
Ion Ratio Lower Upper
96 100
61 131.4 109.5 164.3
98 64.2 51.0 76.6

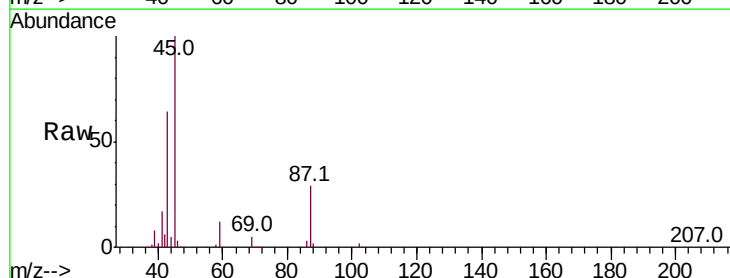


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

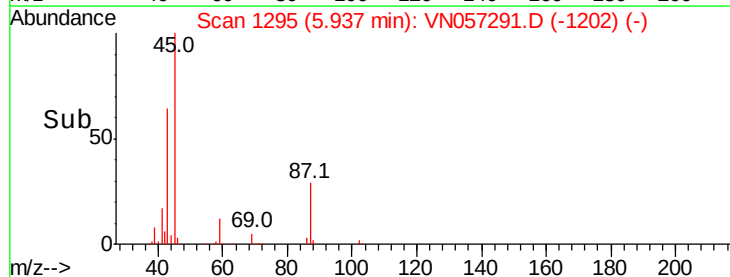
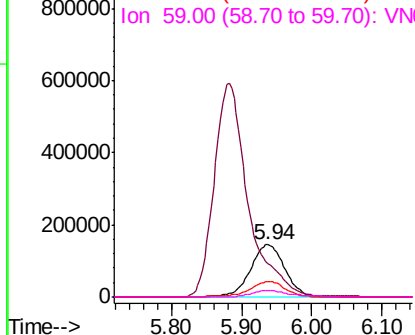


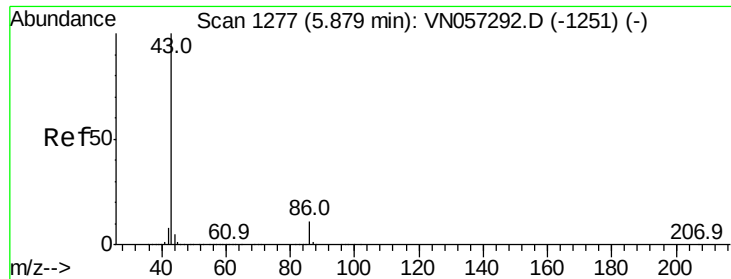
#22
Diisopropyl ether
Concen: 21.683 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion: 45 Resp: 495025
Ion Ratio Lower Upper
45 100
43 62.6 48.3 72.5
87 29.1 24.6 36.8
59 11.4 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 109.784 ug/l

RT: 5.88 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

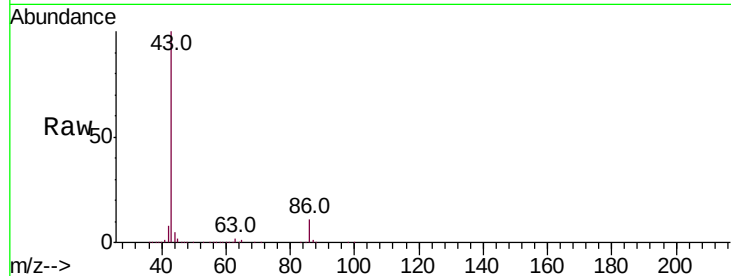
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1988220

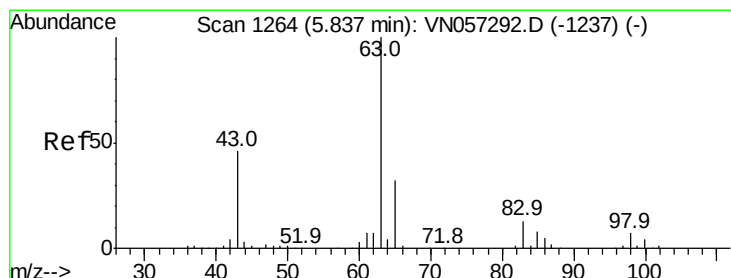
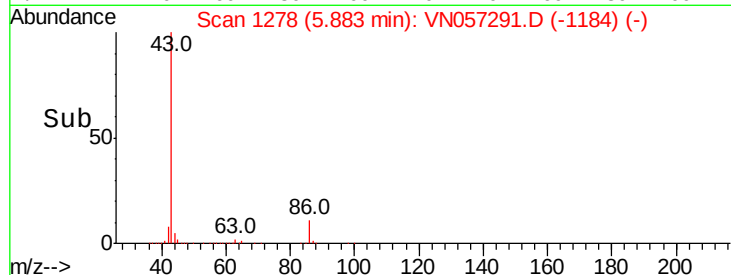
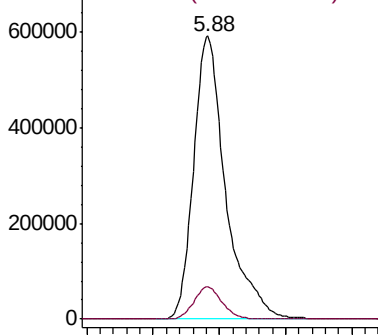
Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 86.00 (85.70 to 86.70): VNO



#24

1,1-Dichloroethane

Concen: 21.087 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

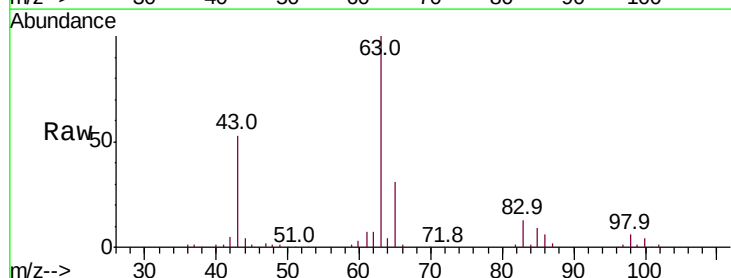
Tgt Ion: 63 Resp: 301625

Ion Ratio Lower Upper

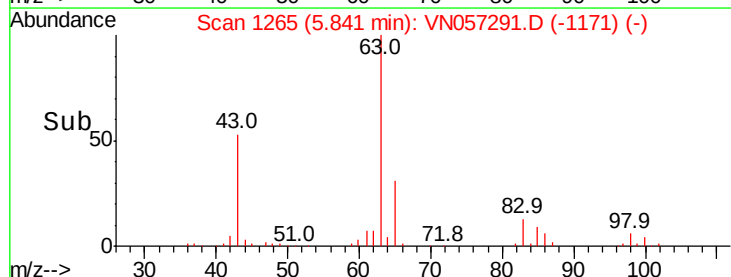
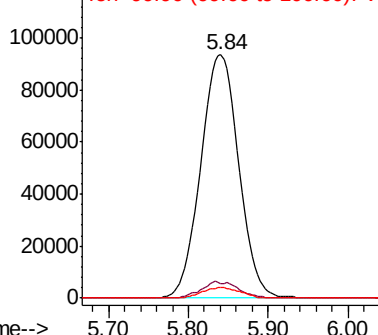
63 100

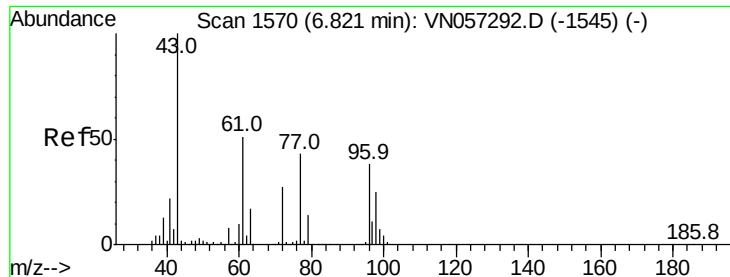
98 6.2 3.3 9.9

100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 97.90 (97.60 to 98.60): VNO
Ion 99.90 (99.60 to 100.60): VNO





#25

2-Butanone

Concen: 113.425 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

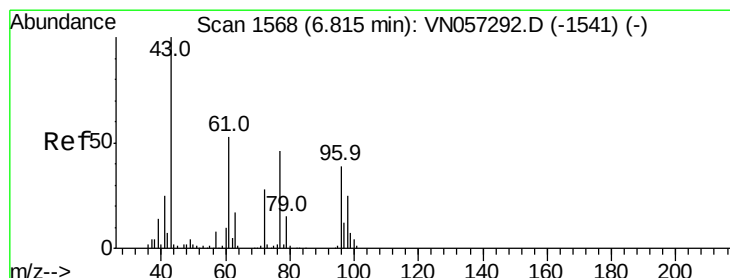
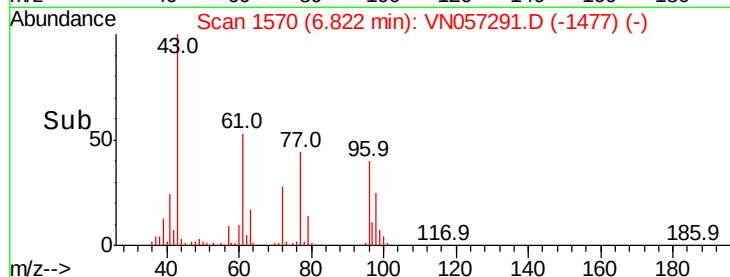
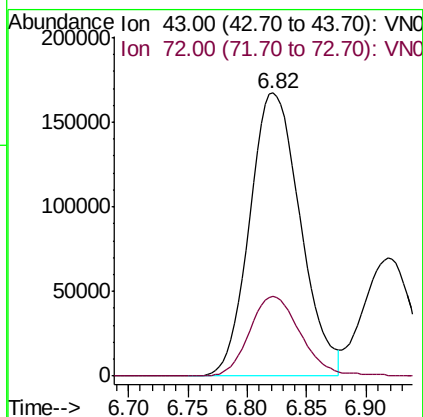
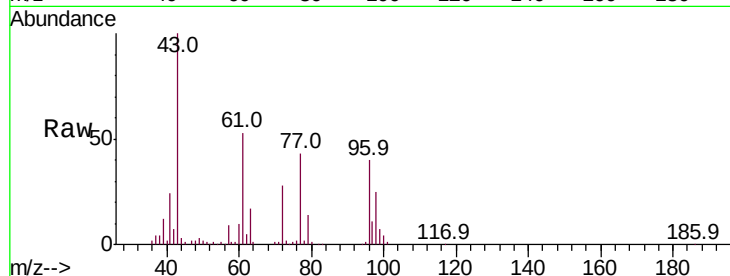
ClientSampled :

Tot Ion: 43 Resp: 492299

Ion Ratio Lower Upper

43 100

72 28.1 21.5 32.3



#26

2,2-Dichloropropane

Concen: 21.333 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057291.D

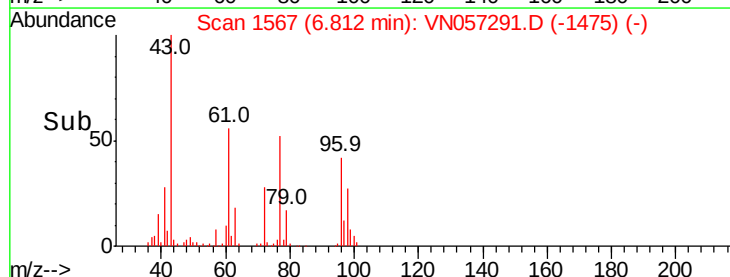
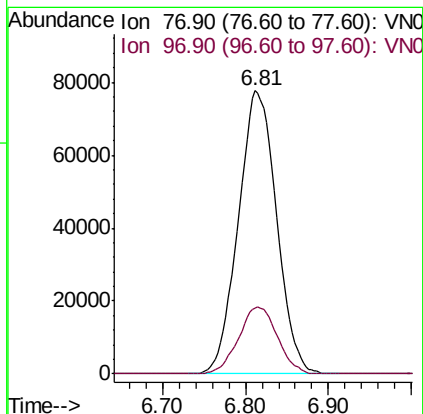
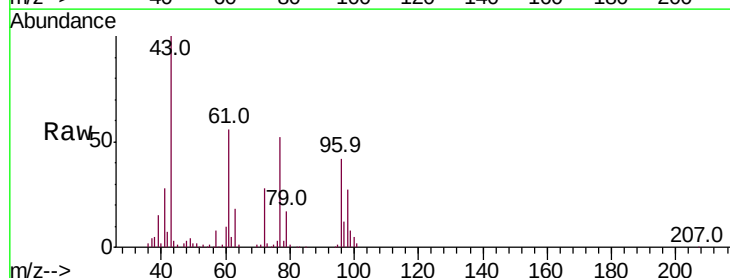
Acq: 14 Aug 2019 17:03

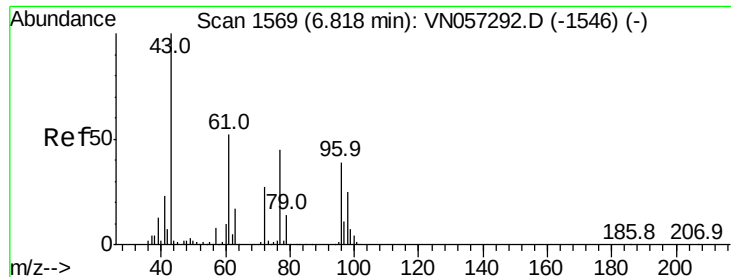
Tgt Ion: 77 Resp: 248997

Ion Ratio Lower Upper

77 100

97 24.1 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 20.781 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

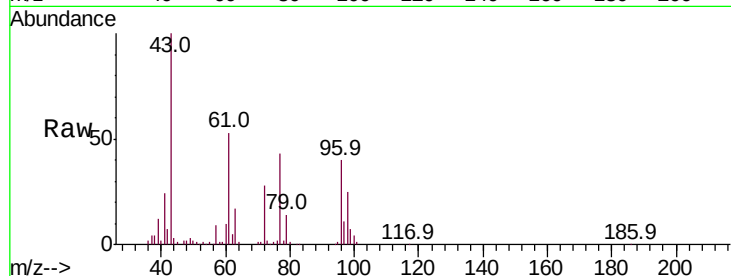
Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 193881

Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	272.0
98	65.0	0.0	130.4

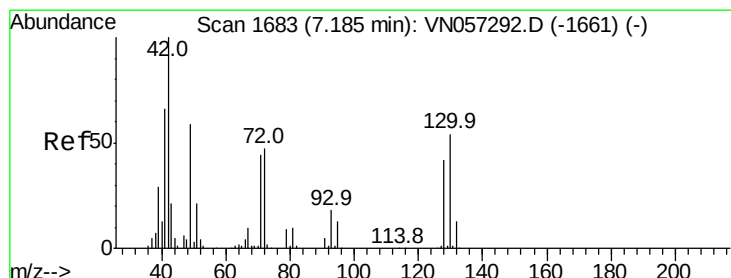
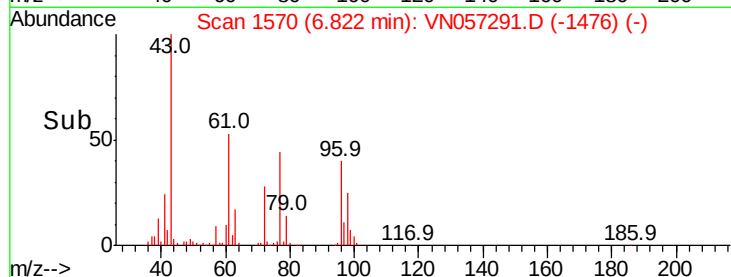
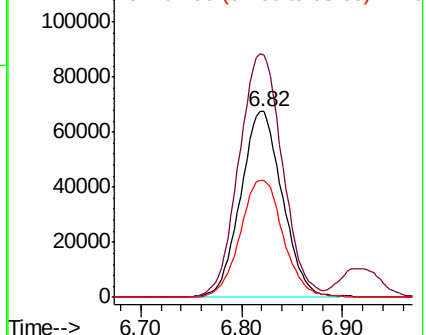


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 22.168 ug/l

RT: 7.18 min Scan# 1683

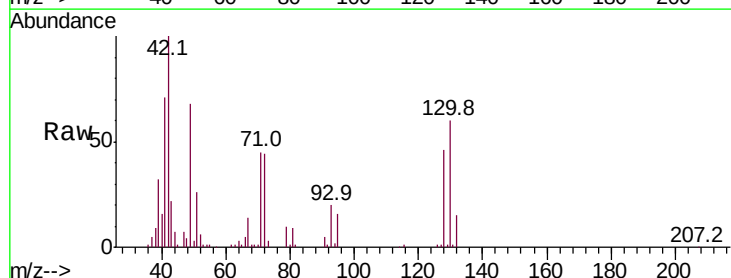
Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Tgt Ion: 49 Resp: 141223

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.0#
130	90.4	73.2	109.8

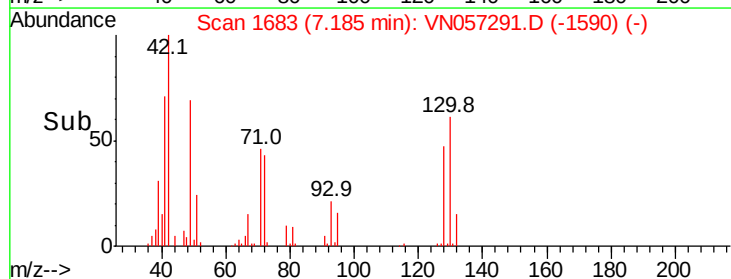
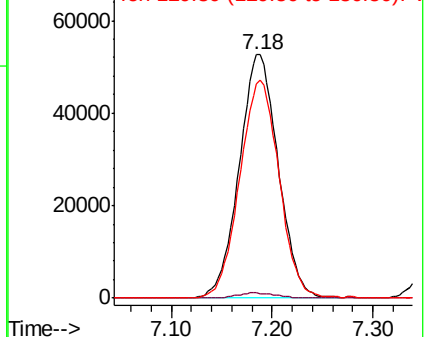


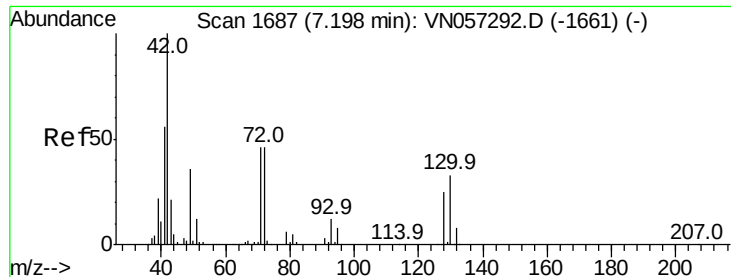
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

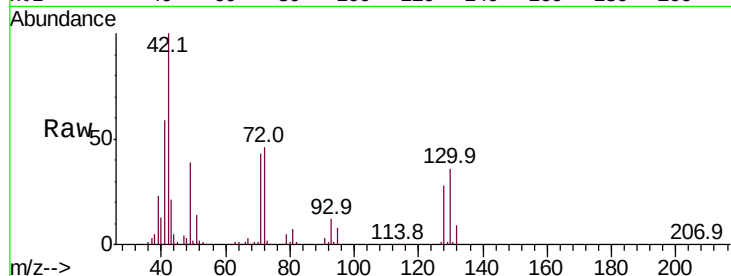




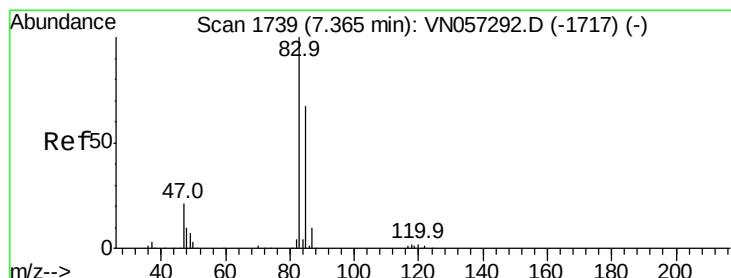
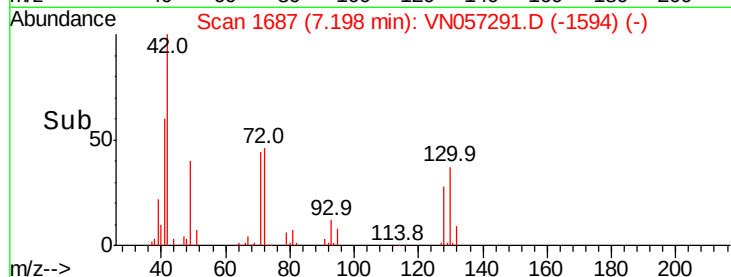
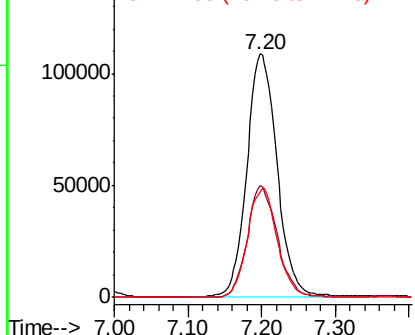
#29
Tetrahydrofuran
Concen: 112.697 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.8	56.6
71	44.1	35.7	53.5

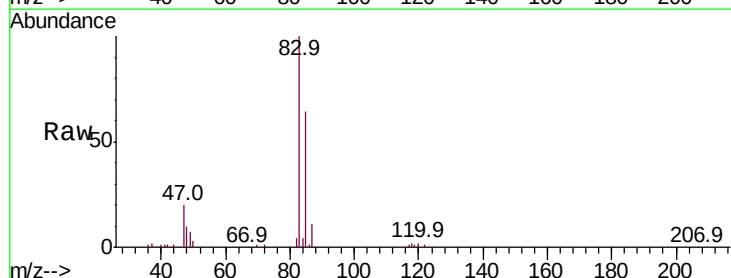


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

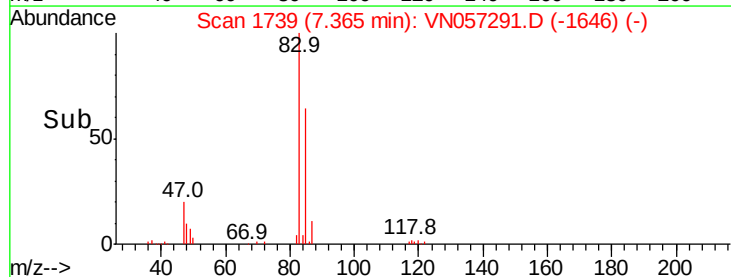
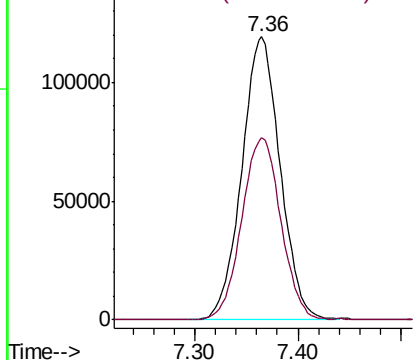


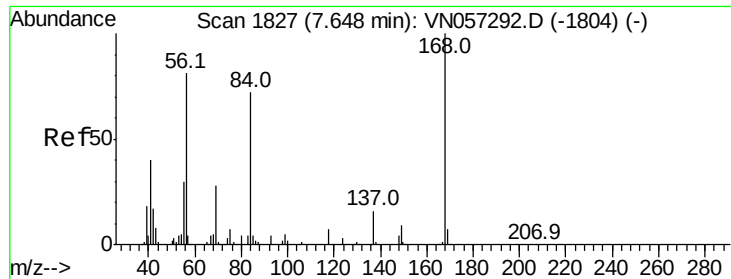
#30
Chloroform
Concen: 20.566 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.3	79.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 21.041 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :
MSVOA_N
ClientSampled :

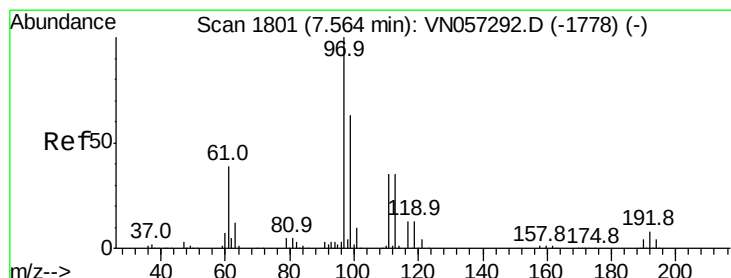
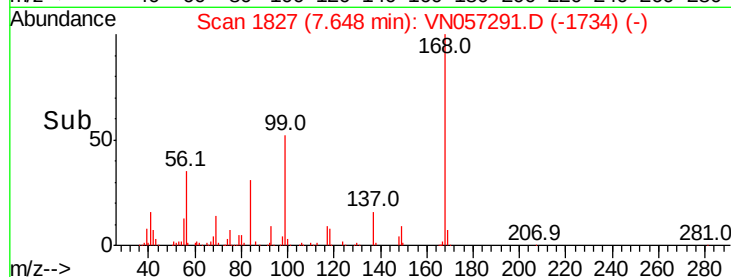
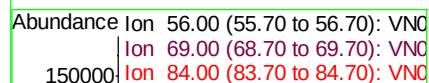
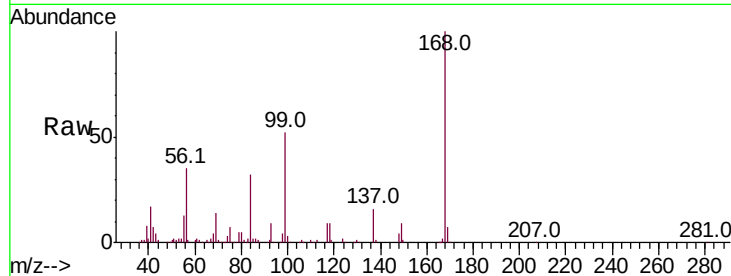
Tot Ion: 56 Resp: 261626

Ion Ratio Lower Upper

56 100

69 39.7 27.3 40.9

84 91.2 71.0 106.6



#32

1,1,1-Trichloroethane

Concen: 21.291 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

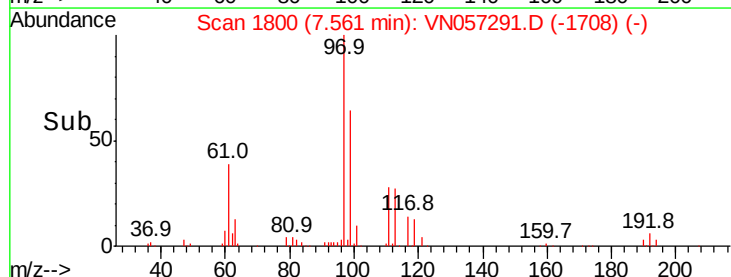
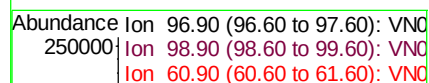
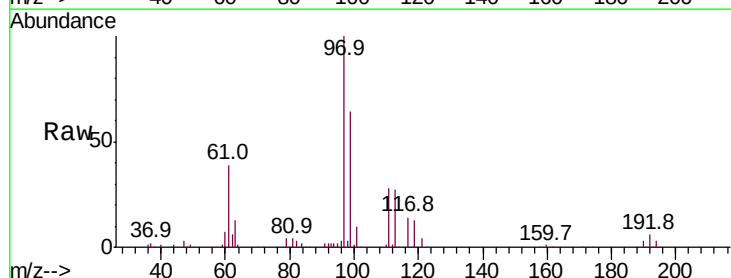
Tgt Ion: 97 Resp: 269490

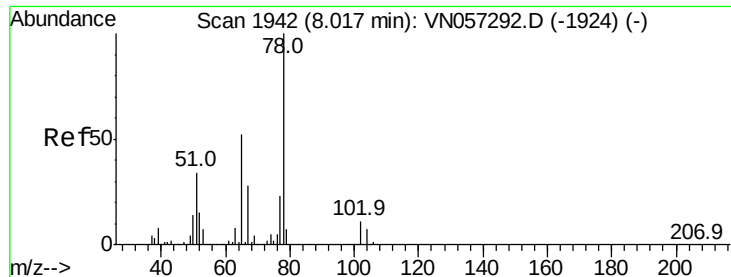
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 40.4 31.3 46.9

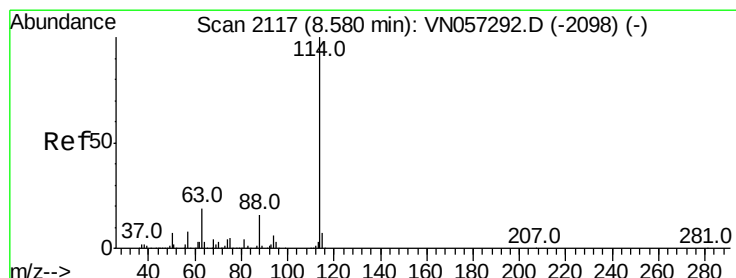
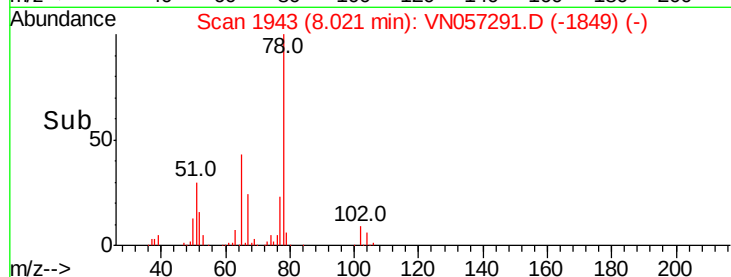
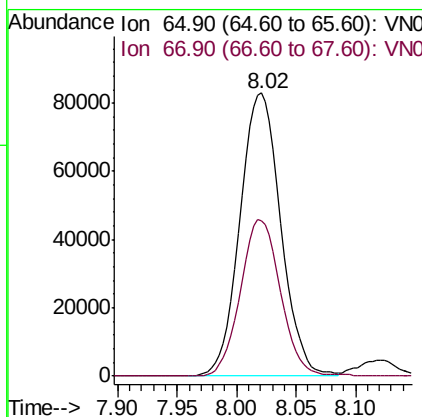
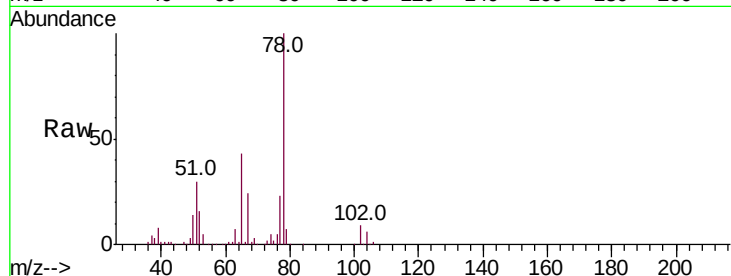




#33
 1,2-Dichloroethane-d4
 Concen: 22.373 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

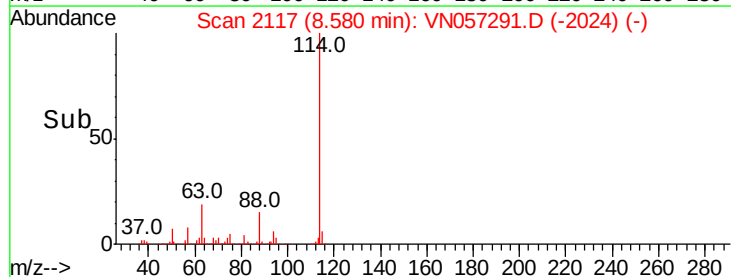
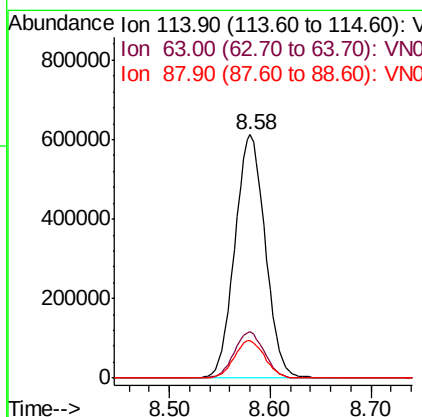
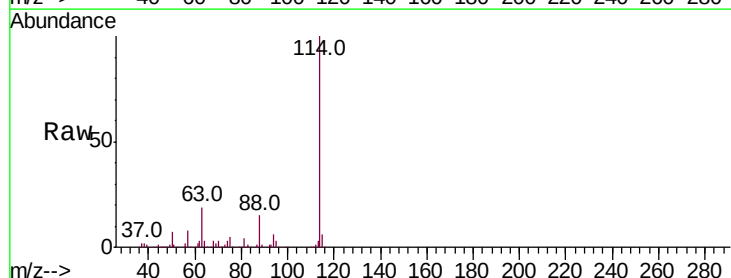
Instrument :
 MSVOA_N
 ClientSampleId :

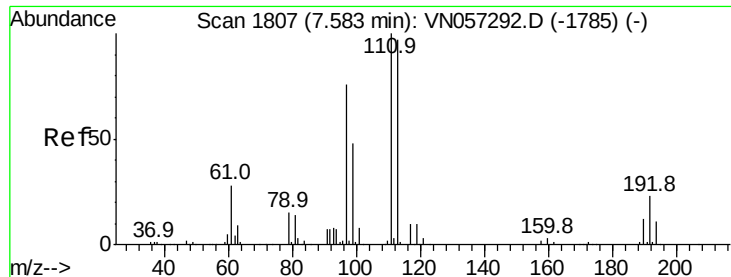
Tot Ion: 65 Resp: 196946
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion: 114 Resp: 1276787
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 15.5 0.0 31.4

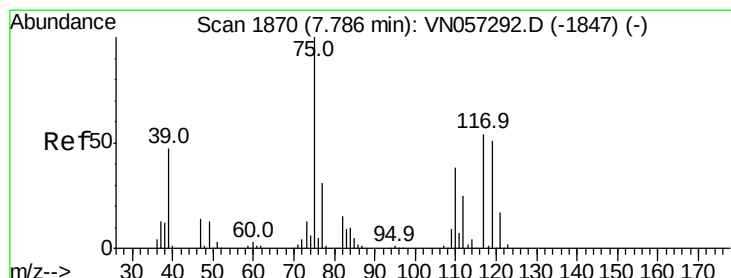
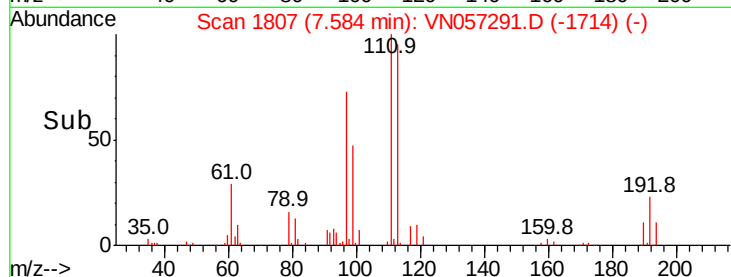
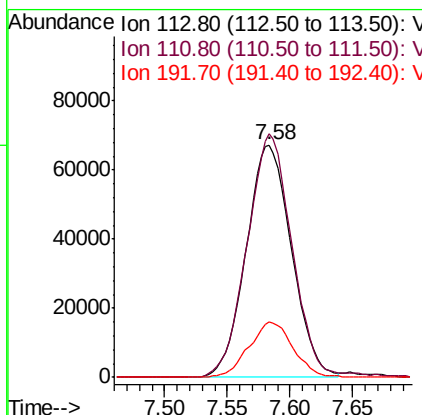
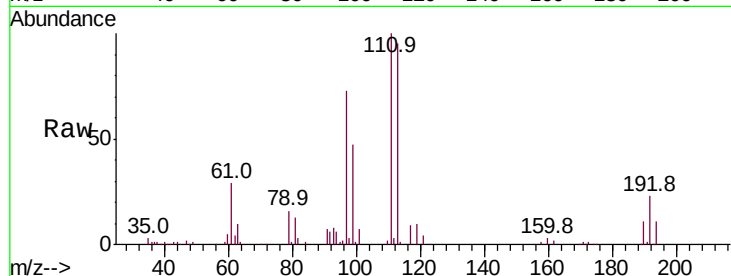




#35
 Dibromofluoromethane
 Concen: 20.990 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

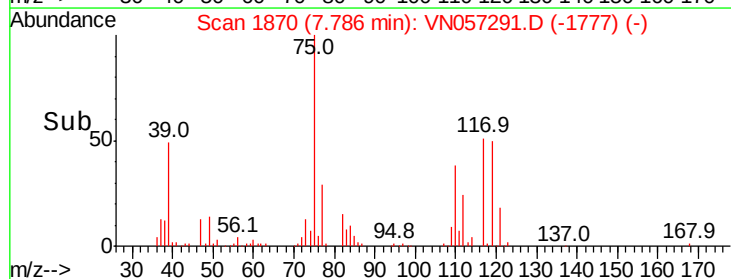
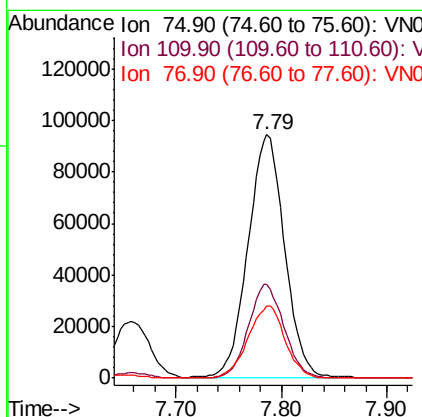
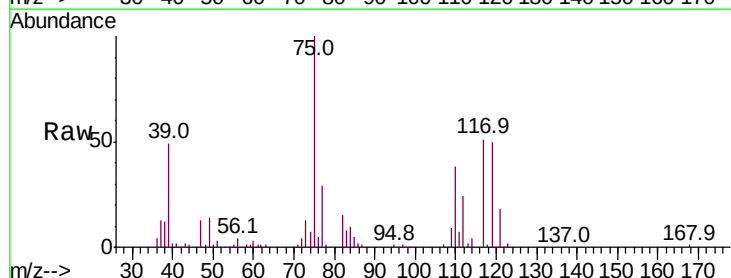
Instrument :
 MSVOA_N
 ClientSampleId :

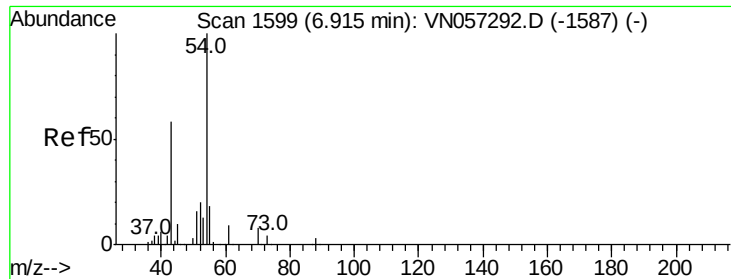
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	23.2	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 20.438 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.5	58.5
77	30.3	25.0	37.6

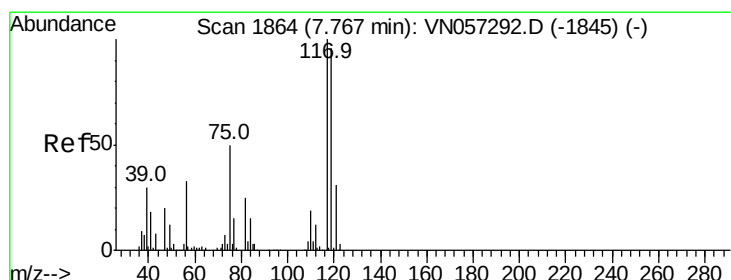
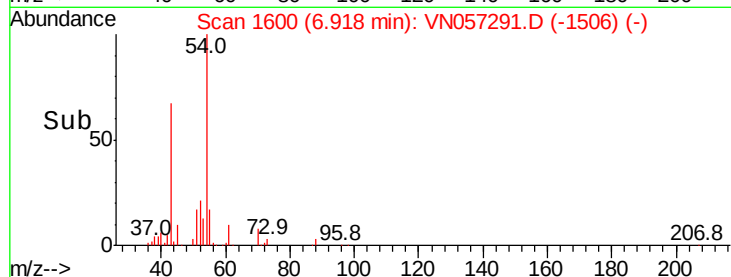
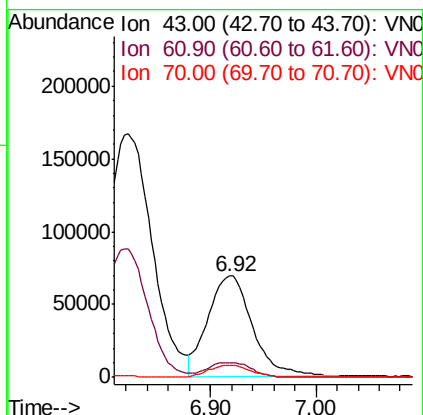
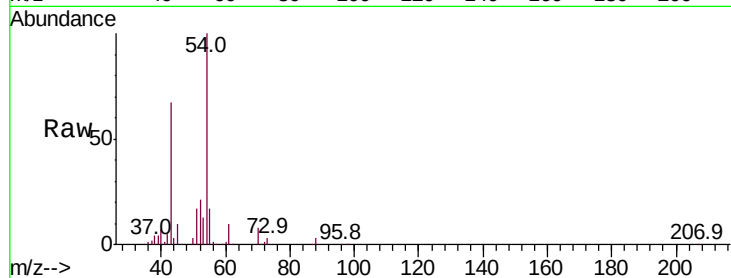




#37
Ethyl Acetate
Concen: 22.213 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

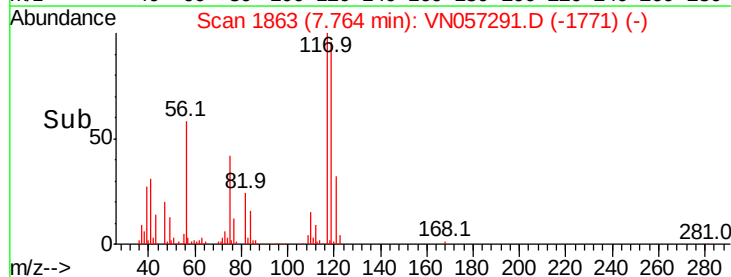
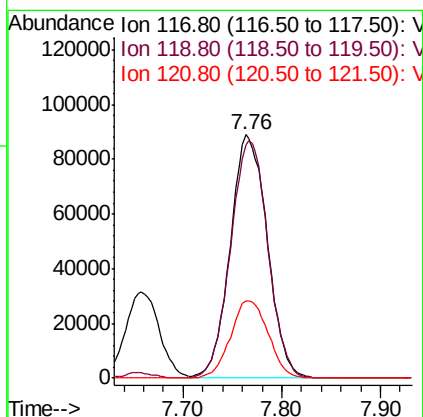
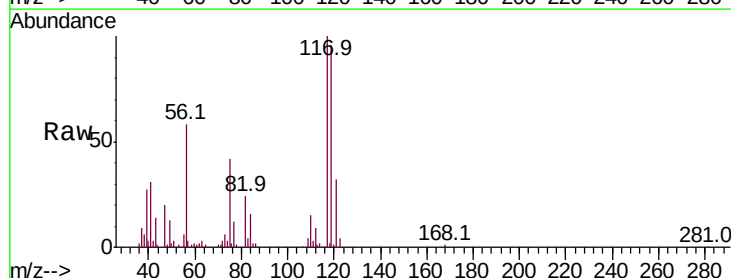
Instrument :
MSVOA_N
ClientSampled :

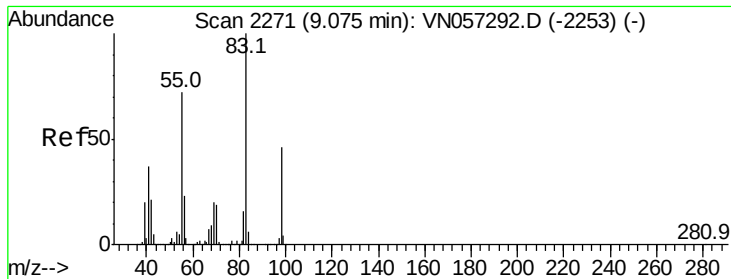
Tot Ion: 43 Resp: 201535
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.768 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion: 117 Resp: 232993
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2
121 31.9 25.0 37.4

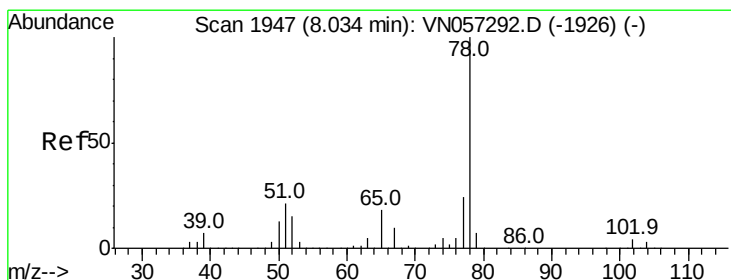
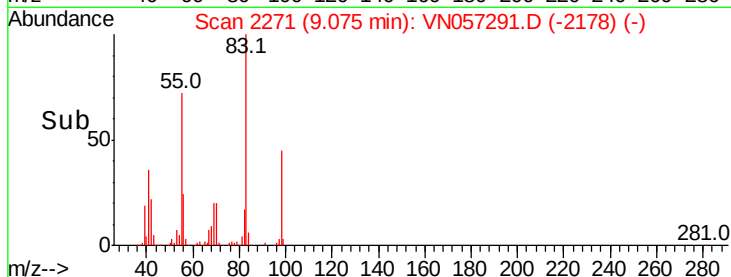
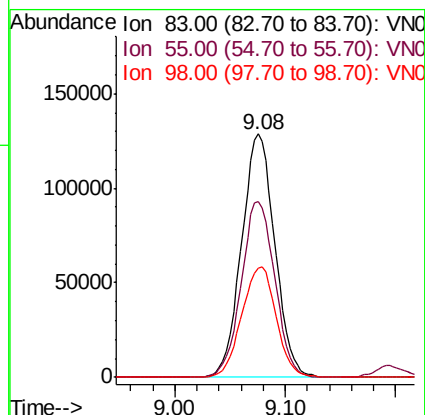
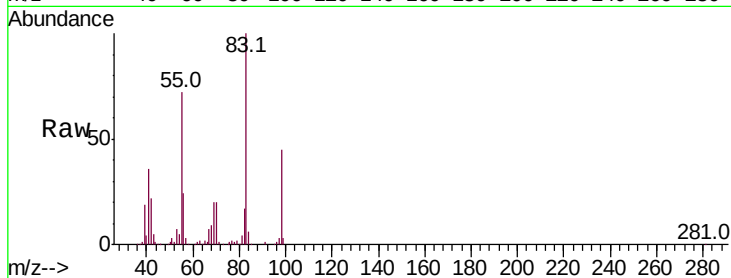




#39
Methylvlcyclohexane
Concen: 20.504 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

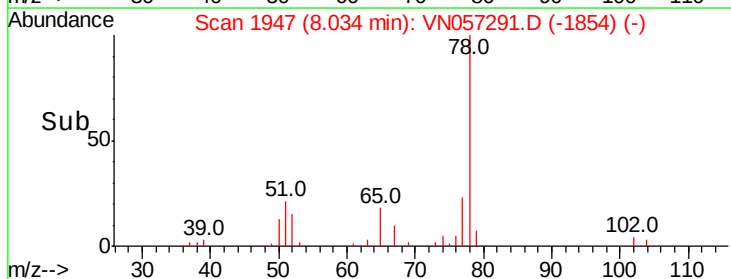
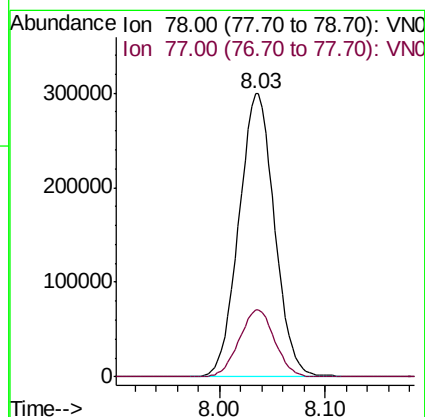
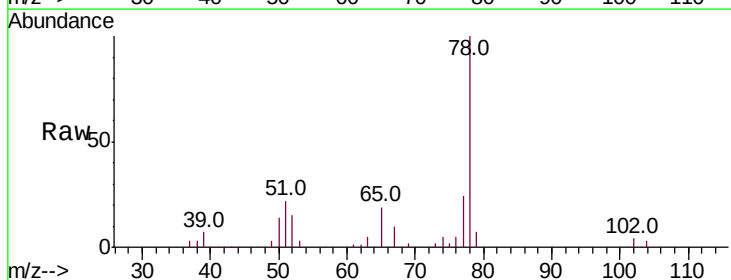
Instrument :
MSVOA_N
ClientSampled :

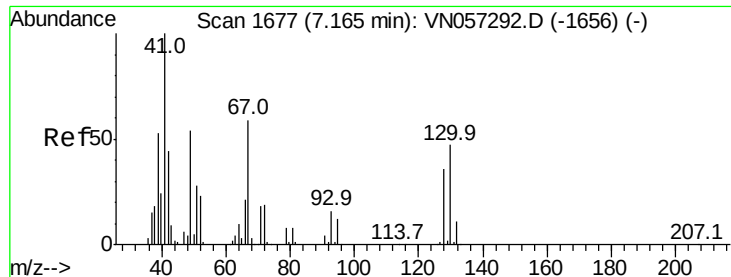
Tot Ion	83	Resp	268613
Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.5	86.3
98	45.1	36.6	55.0



#40
Benzene
Concen: 20.741 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion	78	Resp	702537
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41

Methacrylonitrile

Concen: 74.101 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.03 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 280844

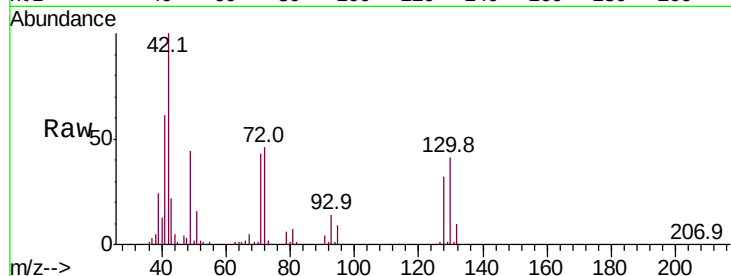
Ion Ratio Lower Upper

41 100

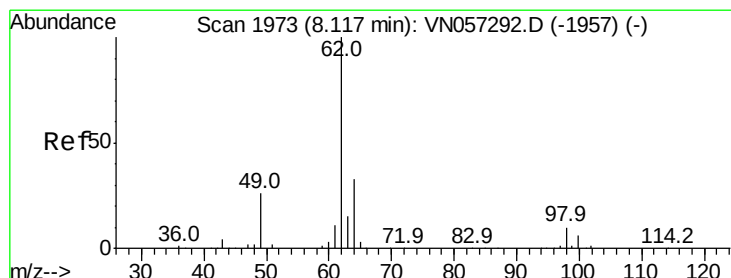
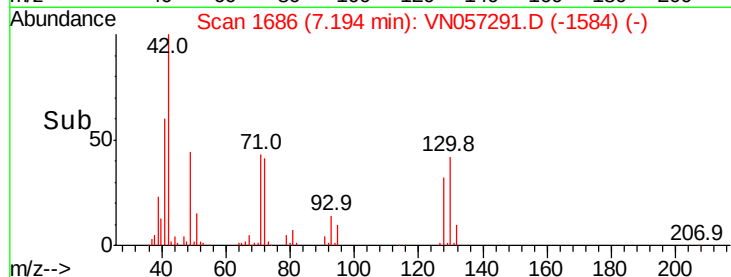
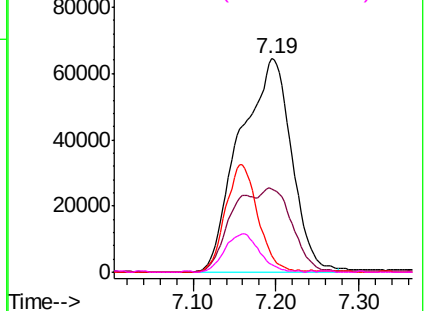
39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VNO
100000 Ion 39.00 (38.70 to 39.70): VNO
80000 Ion 67.00 (66.70 to 67.70): VNO
60000 Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 21.525 ug/l

RT: 8.12 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN057291.D

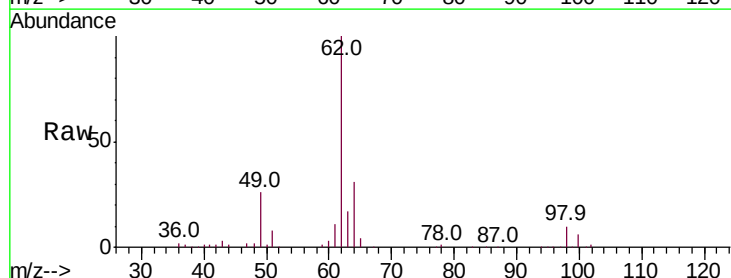
Acq: 14 Aug 2019 17:03

Tgt Ion: 62 Resp: 234206

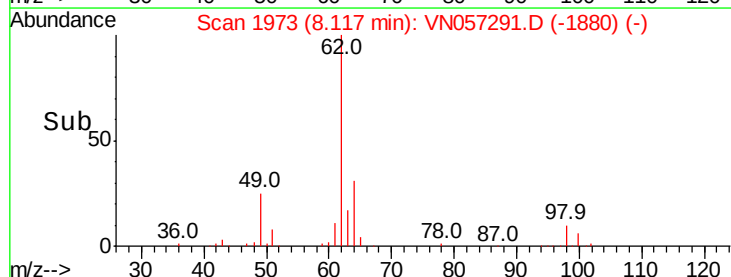
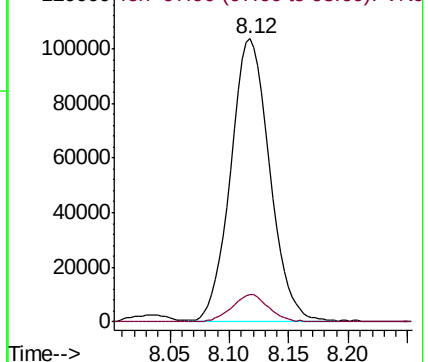
Ion Ratio Lower Upper

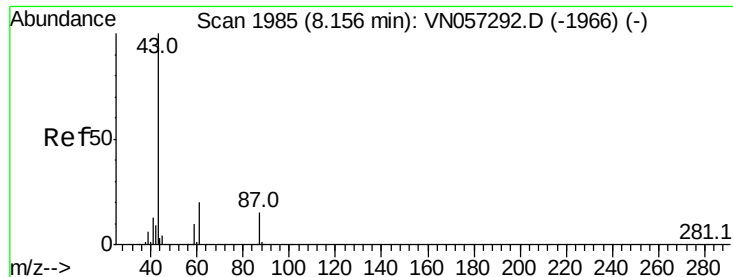
62 100

98 9.2 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
120000 Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 23.586 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

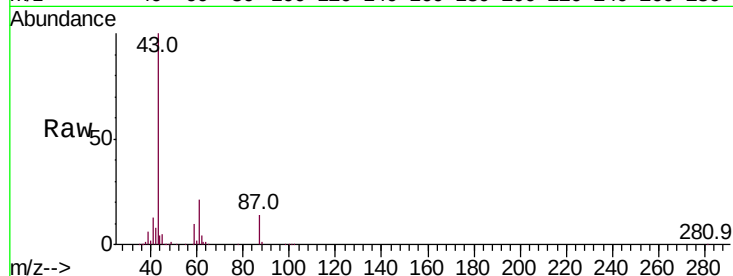
Tot Ion: 43 Resp: 355643

Ion Ratio Lower Upper

43 100

61 27.0 21.6 32.4

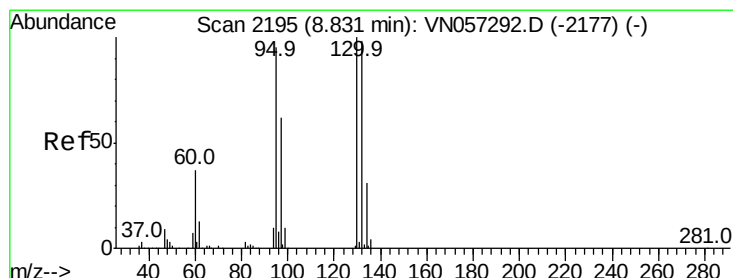
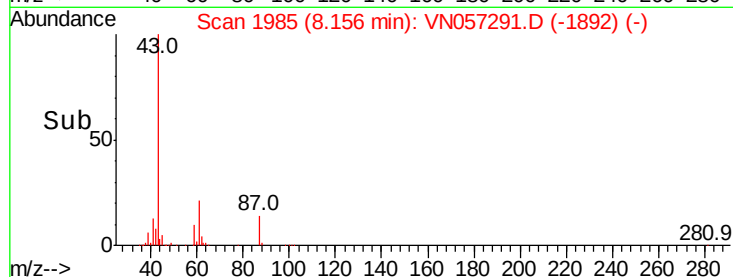
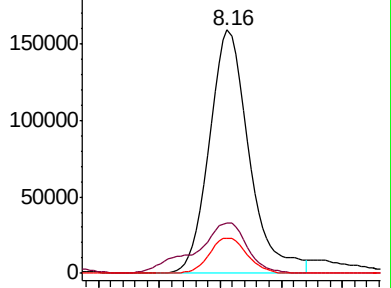
87 13.9 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN057291.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057291.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057291.D (-1966) (-)



#44

Trichloroethene

Concen: 19.939 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057291.D

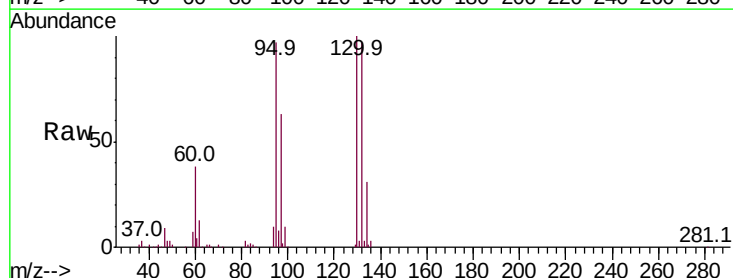
Acq: 14 Aug 2019 17:03

Tgt Ion: 130 Resp: 194623

Ion Ratio Lower Upper

130 100

95 96.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VN057291.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057291.D (-2177) (-)

Ion 130.00 (129.70 to 130.30): VN057291.D (-2177) (-)

Ion 150.00 (149.70 to 150.30): VN057291.D (-2177) (-)

Ion 170.00 (169.70 to 170.30): VN057291.D (-2177) (-)

Ion 190.00 (189.70 to 190.30): VN057291.D (-2177) (-)

Ion 210.00 (209.70 to 210.30): VN057291.D (-2177) (-)

Ion 230.00 (229.70 to 230.30): VN057291.D (-2177) (-)

Ion 250.00 (249.70 to 250.30): VN057291.D (-2177) (-)

Ion 270.00 (269.70 to 270.30): VN057291.D (-2177) (-)

Ion 290.00 (289.70 to 290.30): VN057291.D (-2177) (-)

Ion 310.00 (309.70 to 310.30): VN057291.D (-2177) (-)

Ion 330.00 (329.70 to 330.30): VN057291.D (-2177) (-)

Ion 350.00 (349.70 to 350.30): VN057291.D (-2177) (-)

Ion 370.00 (369.70 to 370.30): VN057291.D (-2177) (-)

Ion 390.00 (389.70 to 390.30): VN057291.D (-2177) (-)

Ion 410.00 (409.70 to 410.30): VN057291.D (-2177) (-)

Ion 430.00 (429.70 to 430.30): VN057291.D (-2177) (-)

Ion 450.00 (449.70 to 450.30): VN057291.D (-2177) (-)

Ion 470.00 (469.70 to 470.30): VN057291.D (-2177) (-)

Ion 490.00 (489.70 to 490.30): VN057291.D (-2177) (-)

Ion 510.00 (509.70 to 510.30): VN057291.D (-2177) (-)

Ion 530.00 (529.70 to 530.30): VN057291.D (-2177) (-)

Ion 550.00 (549.70 to 550.30): VN057291.D (-2177) (-)

Ion 570.00 (569.70 to 570.30): VN057291.D (-2177) (-)

Ion 590.00 (589.70 to 590.30): VN057291.D (-2177) (-)

Ion 610.00 (609.70 to 610.30): VN057291.D (-2177) (-)

Ion 630.00 (629.70 to 630.30): VN057291.D (-2177) (-)

Ion 650.00 (649.70 to 650.30): VN057291.D (-2177) (-)

Ion 670.00 (669.70 to 670.30): VN057291.D (-2177) (-)

Ion 690.00 (689.70 to 690.30): VN057291.D (-2177) (-)

Ion 710.00 (709.70 to 710.30): VN057291.D (-2177) (-)

Ion 730.00 (729.70 to 730.30): VN057291.D (-2177) (-)

Ion 750.00 (749.70 to 750.30): VN057291.D (-2177) (-)

Ion 770.00 (769.70 to 770.30): VN057291.D (-2177) (-)

Ion 790.00 (789.70 to 790.30): VN057291.D (-2177) (-)

Ion 810.00 (809.70 to 810.30): VN057291.D (-2177) (-)

Ion 830.00 (829.70 to 830.30): VN057291.D (-2177) (-)

Ion 850.00 (849.70 to 850.30): VN057291.D (-2177) (-)

Ion 870.00 (869.70 to 870.30): VN057291.D (-2177) (-)

Ion 890.00 (889.70 to 890.30): VN057291.D (-2177) (-)

Ion 910.00 (909.70 to 910.30): VN057291.D (-2177) (-)

Ion 930.00 (929.70 to 930.30): VN057291.D (-2177) (-)

Ion 950.00 (949.70 to 950.30): VN057291.D (-2177) (-)

Ion 970.00 (969.70 to 970.30): VN057291.D (-2177) (-)

Ion 990.00 (989.70 to 990.30): VN057291.D (-2177) (-)

Ion 1010.00 (1009.70 to 1010.30): VN057291.D (-2177) (-)

Ion 1030.00 (1029.70 to 1030.30): VN057291.D (-2177) (-)

Ion 1050.00 (1049.70 to 1050.30): VN057291.D (-2177) (-)

Ion 1070.00 (1069.70 to 1070.30): VN057291.D (-2177) (-)

Ion 1090.00 (1089.70 to 1090.30): VN057291.D (-2177) (-)

Ion 1110.00 (1109.70 to 1110.30): VN057291.D (-2177) (-)

Ion 1130.00 (1129.70 to 1130.30): VN057291.D (-2177) (-)

Ion 1150.00 (1149.70 to 1150.30): VN057291.D (-2177) (-)

Ion 1170.00 (1169.70 to 1170.30): VN057291.D (-2177) (-)

Ion 1190.00 (1189.70 to 1190.30): VN057291.D (-2177) (-)

Ion 1210.00 (1209.70 to 1210.30): VN057291.D (-2177) (-)

Ion 1230.00 (1229.70 to 1230.30): VN057291.D (-2177) (-)

Ion 1250.00 (1249.70 to 1250.30): VN057291.D (-2177) (-)

Ion 1270.00 (1269.70 to 1270.30): VN057291.D (-2177) (-)

Ion 1290.00 (1289.70 to 1290.30): VN057291.D (-2177) (-)

Ion 1310.00 (1309.70 to 1310.30): VN057291.D (-2177) (-)

Ion 1330.00 (1329.70 to 1330.30): VN057291.D (-2177) (-)

Ion 1350.00 (1349.70 to 1350.30): VN057291.D (-2177) (-)

Ion 1370.00 (1369.70 to 1370.30): VN057291.D (-2177) (-)

Ion 1390.00 (1389.70 to 1390.30): VN057291.D (-2177) (-)

Ion 1410.00 (1409.70 to 1410.30): VN057291.D (-2177) (-)

Ion 1430.00 (1429.70 to 1430.30): VN057291.D (-2177) (-)

Ion 1450.00 (1449.70 to 1450.30): VN057291.D (-2177) (-)

Ion 1470.00 (1469.70 to 1470.30): VN057291.D (-2177) (-)

Ion 1490.00 (1489.70 to 1490.30): VN057291.D (-2177) (-)

Ion 1510.00 (1509.70 to 1510.30): VN057291.D (-2177) (-)

Ion 1530.00 (1529.70 to 1530.30): VN057291.D (-2177) (-)

Ion 1550.00 (1549.70 to 1550.30): VN057291.D (-2177) (-)

Ion 1570.00 (1569.70 to 1570.30): VN057291.D (-2177) (-)

Ion 1590.00 (1589.70 to 1590.30): VN057291.D (-2177) (-)

Ion 1610.00 (1609.70 to 1610.30): VN057291.D (-2177) (-)

Ion 1630.00 (1629.70 to 1630.30): VN057291.D (-2177) (-)

Ion 1650.00 (1649.70 to 1650.30): VN057291.D (-2177) (-)

Ion 1670.00 (1669.70 to 1670.30): VN057291.D (-2177) (-)

Ion 1690.00 (1689.70 to 1690.30): VN057291.D (-2177) (-)

Ion 1710.00 (1709.70 to 1710.30): VN057291.D (-2177) (-)

Ion 1730.00 (1729.70 to 1730.30): VN057291.D (-2177) (-)

Ion 1750.00 (1749.70 to 1750.30): VN057291.D (-2177) (-)

Ion 1770.00 (1769.70 to 1770.30): VN057291.D (-2177) (-)

Ion 1790.00 (1789.70 to 1790.30): VN057291.D (-2177) (-)

Ion 1810.00 (1809.70 to 1810.30): VN057291.D (-2177) (-)

Ion 1830.00 (1829.70 to 1830.30): VN057291.D (-2177) (-)

Ion 1850.00 (1849.70 to 1850.30): VN057291.D (-2177) (-)

Ion 1870.00 (1869.70 to 1870.30): VN057291.D (-2177) (-)

Ion 1890.00 (1889.70 to 1890.30): VN057291.D (-2177) (-)

Ion 1910.00 (1909.70 to 1910.30): VN057291.D (-2177) (-)

Ion 1930.00 (1929.70 to 1930.30): VN057291.D (-2177) (-)

Ion 1950.00 (1949.70 to 1950.30): VN057291.D (-2177) (-)

Ion 1970.00 (1969.70 to 1970.30): VN057291.D (-2177) (-)

Ion 1990.00 (1989.70 to 1990.30): VN057291.D (-2177) (-)

Ion 2010.00 (2009.70 to 2010.30): VN057291.D (-2177) (-)

Ion 2030.00 (2029.70 to 2030.30): VN057291.D (-2177) (-)

Ion 2050.00 (2049.70 to 2050.30): VN057291.D (-2177) (-)

Ion 2070.00 (2069.70 to 2070.30): VN057291.D (-2177) (-)

Ion 2090.00 (2089.70 to 2090.30): VN057291.D (-2177) (-)

Ion 2110.00 (2109.70 to 2110.30): VN057291.D (-2177) (-)

Ion 2130.00 (2129.70 to 2130.30): VN057291.D (-2177) (-)

Ion 2150.00 (2149.70 to 2150.30): VN057291.D (-2177) (-)

Ion 2170.00 (2169.70 to 2170.30): VN057291.D (-2177) (-)

Ion 2190.00 (2189.70 to 2190.30): VN057291.D (-2177) (-)

Ion 2210.00 (2209.70 to 2210.30): VN057291.D (-2177) (-)

Ion 2230.00 (2229.70 to 2230.30): VN057291.D (-2177) (-)

Ion 2250.00 (2249.70 to 2250.30): VN057291.D (-2177) (-)

Ion 2270.00 (2269.70 to 2270.30): VN057291.D (-2177) (-)

Ion 2290.00 (2289.70 to 2290.30): VN057291.D (-2177) (-)

Ion 2310.00 (2309.70 to 2310.30): VN057291.D (-2177) (-)

Ion 2330.00 (2329.70 to 2330.30): VN057291.D (-2177) (-)

Ion 2350.00 (2349.70 to 2350.30): VN057291.D (-2177) (-)

Ion 2370.00 (2369.70 to 2370.30): VN057291.D (-2177) (-)

Ion 2390.00 (2389.70 to 2390.30): VN057291.D (-2177) (-)

Ion 2410.00 (2409.70 to 2410.30): VN057291.D (-2177) (-)

Ion 2430.00 (2429.70 to 2430.30): VN057291.D (-2177) (-)

Ion 2450.00 (2449.70 to 2450.30): VN057291.D (-2177) (-)

Ion 2470.00 (2469.70 to 2470.30): VN057291.D (-2177) (-)

Ion 2490.00 (2489.70 to 2490.30): VN057291.D (-2177) (-)

Ion 2510.00 (2509.70 to 2510.30): VN057291.D (-2177) (-)

Ion 2530.00 (2529.70 to 2530.30): VN057291.D (-2177) (-)

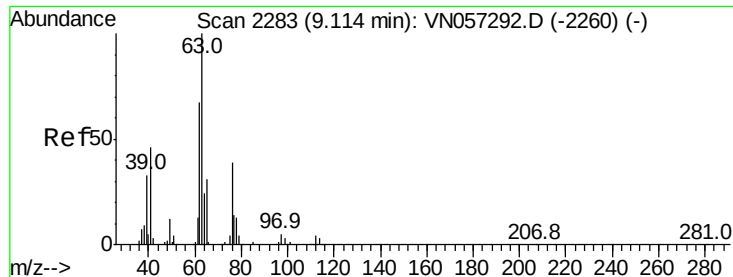
Ion 2550.00 (2549.70 to 2550.30): VN057291.D (-2177) (-)

Ion 2570.00 (2569.70 to 2570.30): VN057291.D (-2177) (-)

Ion 2590.00 (2589.70 to 2590.30): VN057291.D (-2177) (-)

Ion 2610.00 (2609.70 to 2610.30): VN057291.D (-2177) (-)

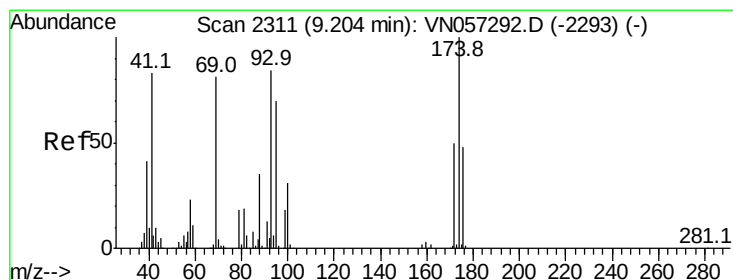
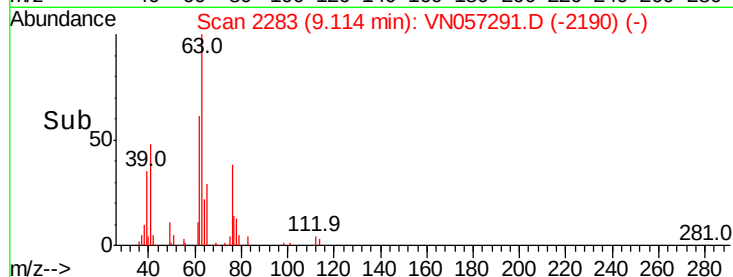
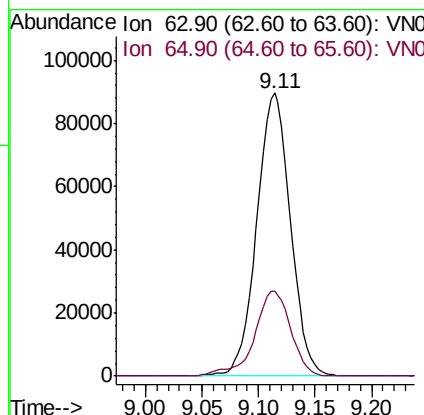
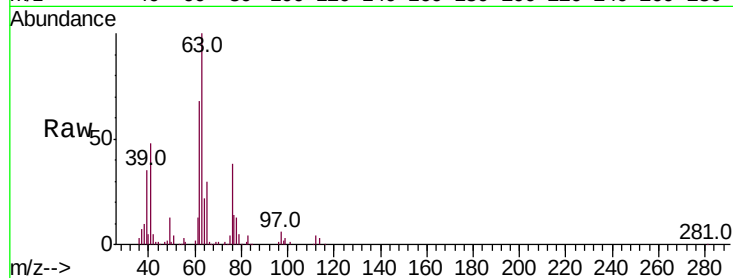
Ion 2630.00 (2629.70 to 2630.30): VN



#45
 1,2-Dichloropropane
 Concen: 21.560 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

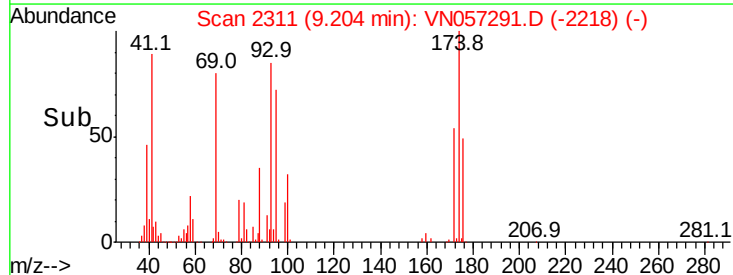
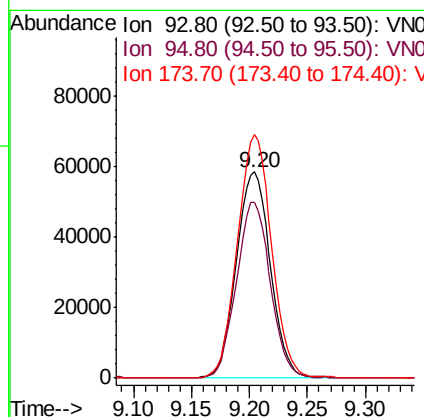
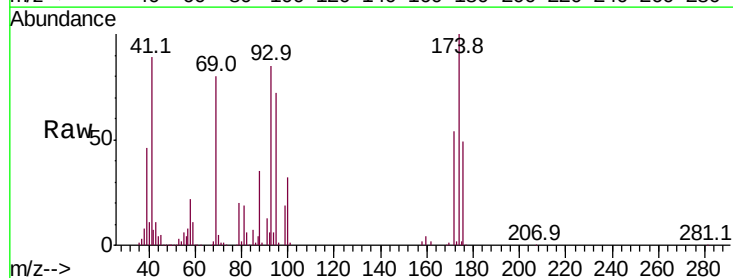
Instrument :
 MSVOA_N
 ClientSampled :

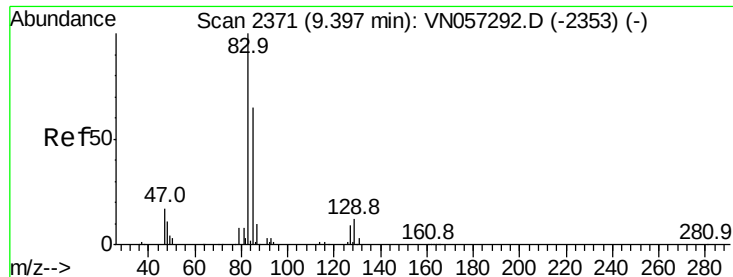
Tot Ion: 63 Resp: 185311
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2



#46
 Dibromomethane
 Concen: 20.727 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion: 93 Resp: 119806
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.5 99.7
 174 118.4 95.7 143.5





#47

Bromodichloromethane

Concen: 21.231 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampled :

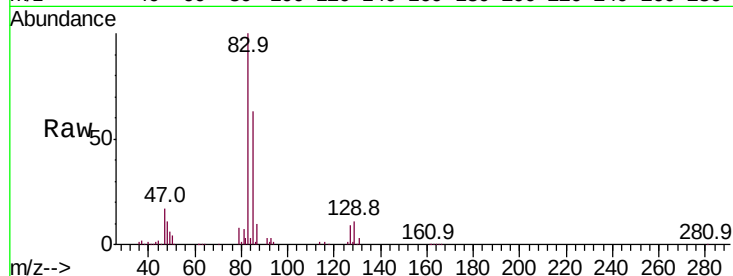
Tot Ion: 83 Resp: 237073

Ion Ratio Lower Upper

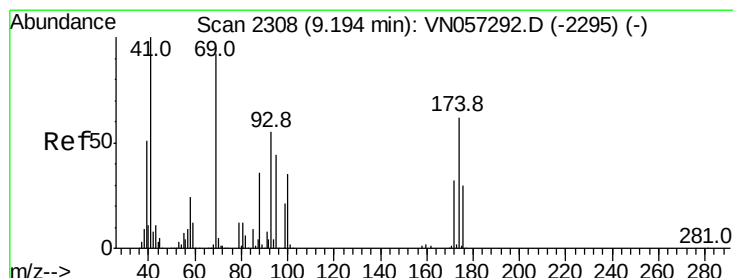
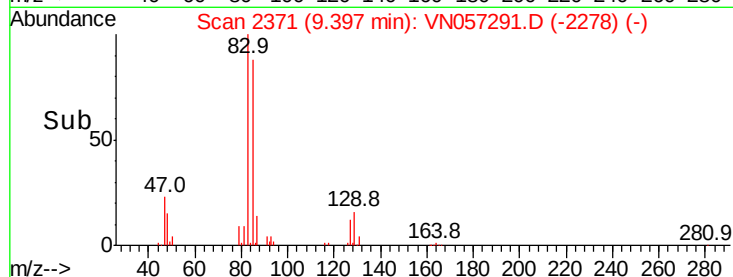
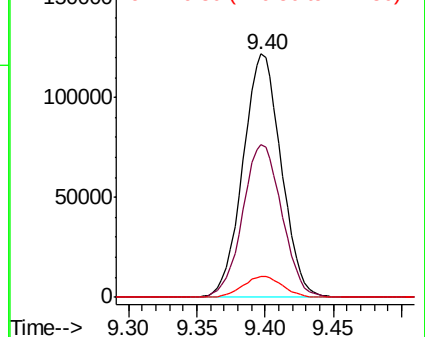
83 100

85 62.9 51.9 77.9

127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 21.984 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

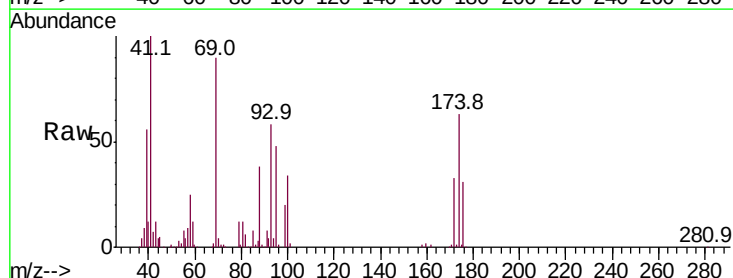
Tgt Ion: 41 Resp: 152016

Ion Ratio Lower Upper

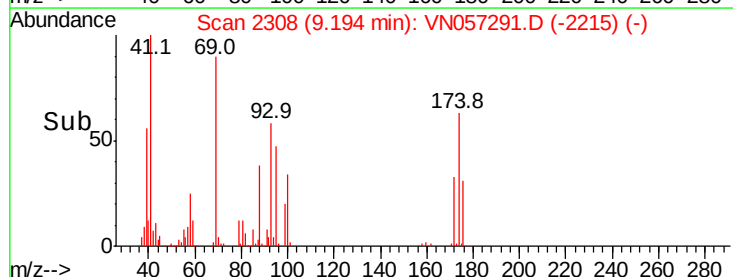
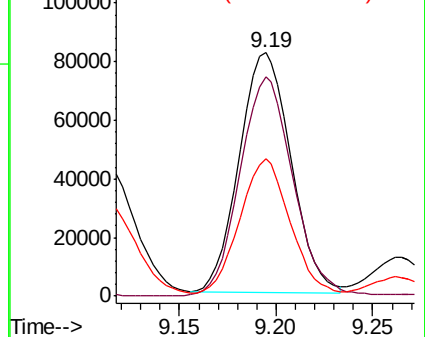
41 100

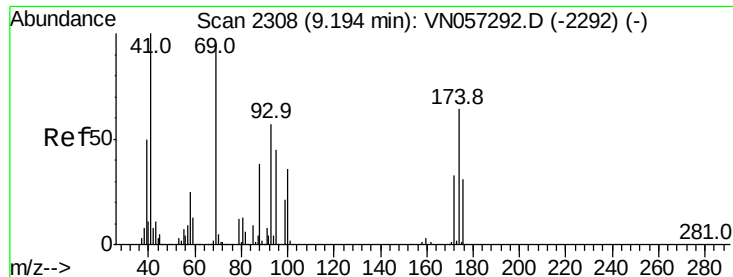
69 94.8 75.9 113.9

39 56.4 42.3 63.5



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 419.564 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

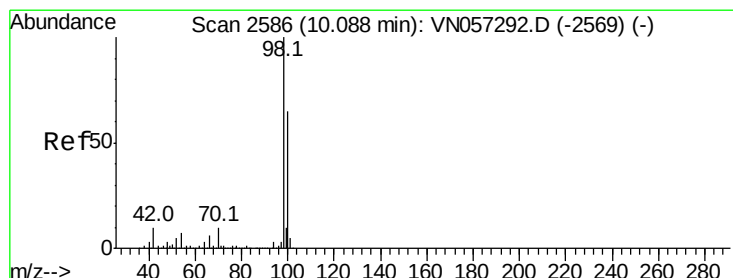
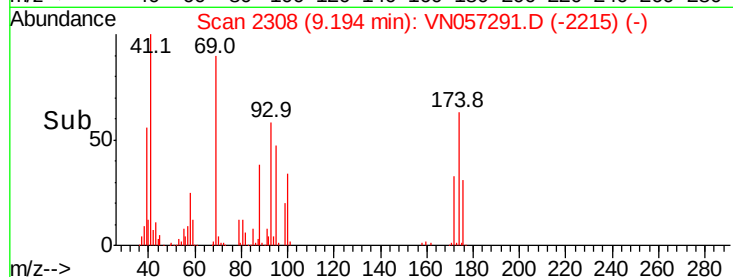
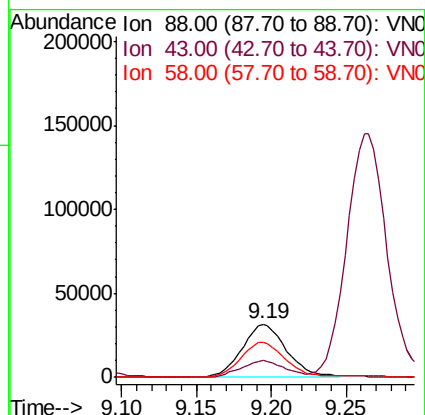
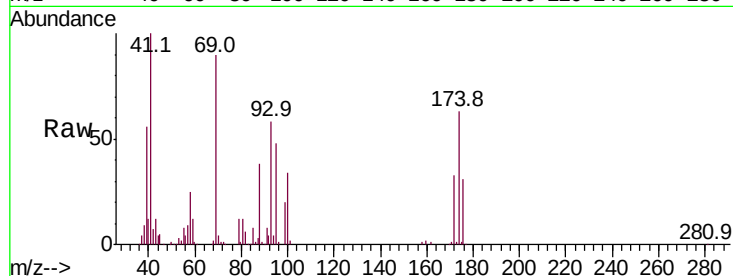
Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 65163

Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.9	34.3
58	66.3	52.7	79.1



#50

Toluene-d8

Concen: 21.904 ug/l

RT: 10.09 min Scan# 2585

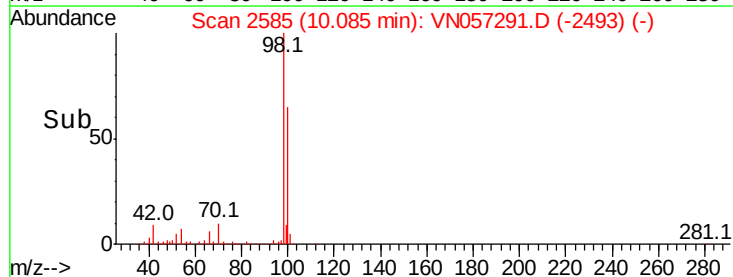
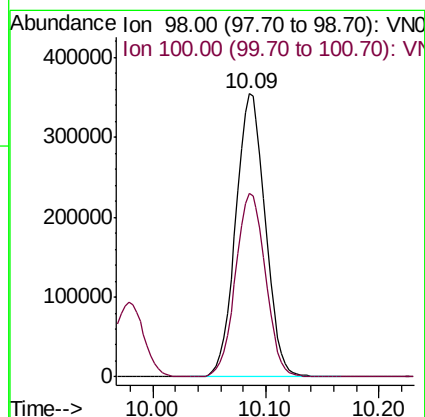
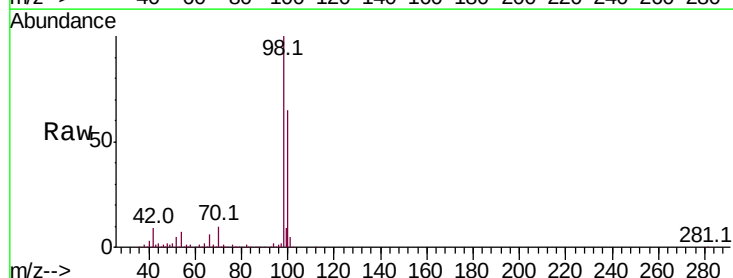
Delta R.T. -0.00 min

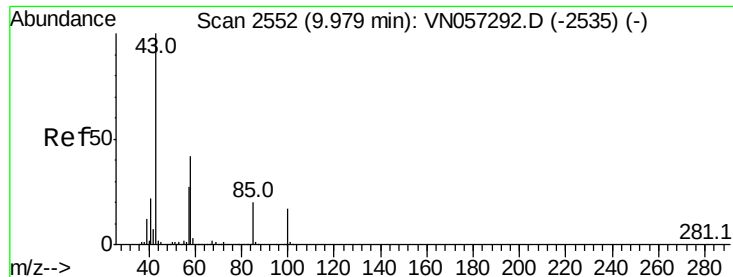
Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Tgt Ion: 98 Resp: 645424

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 112.412 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

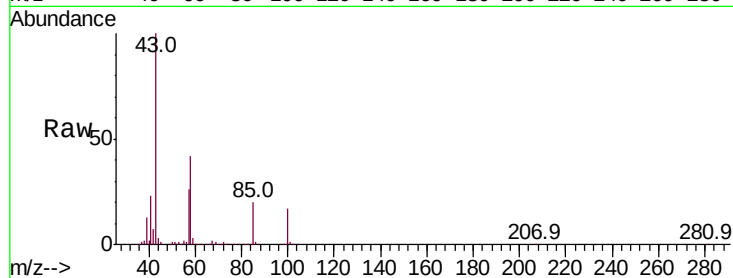
ClientSampleId :

Tot Ion: 43 Resp: 987139

Ion Ratio Lower Upper

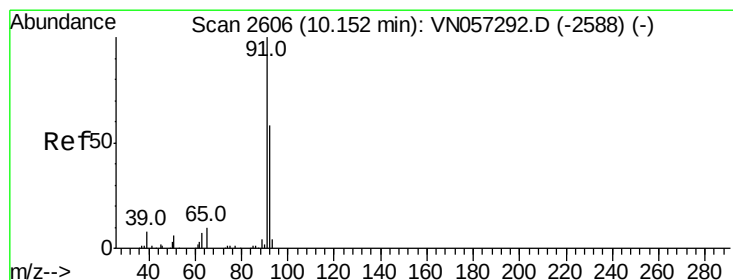
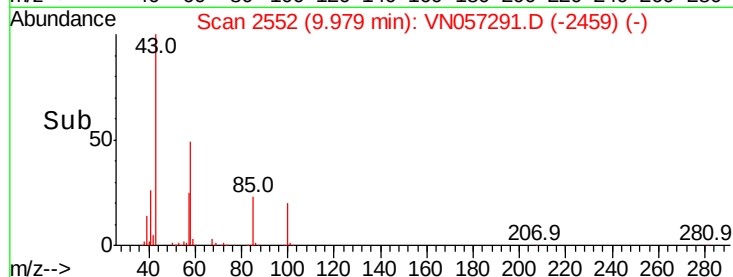
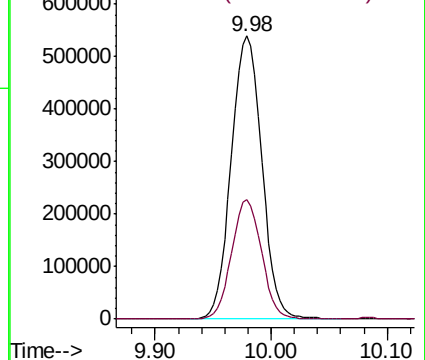
43 100

58 41.3 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN057292.D (-2535) (-)



#52

Toluene

Concen: 20.978 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057291.D

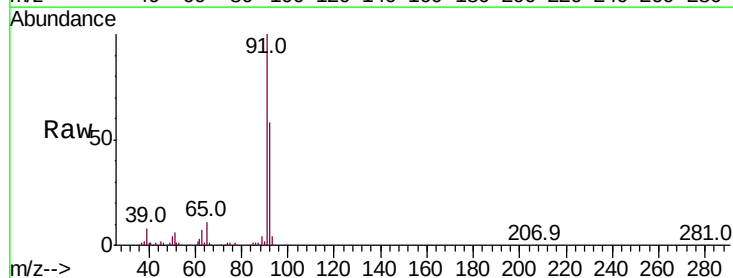
Acq: 14 Aug 2019 17:03

Tgt Ion: 92 Resp: 440839

Ion Ratio Lower Upper

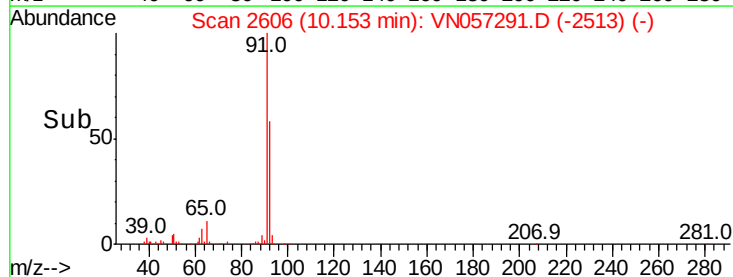
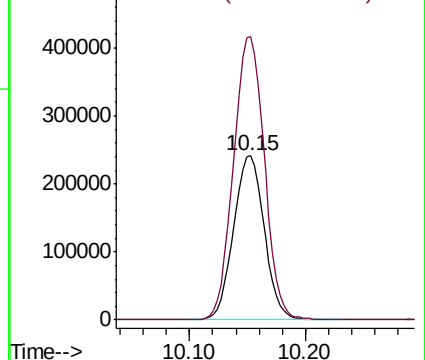
92 100

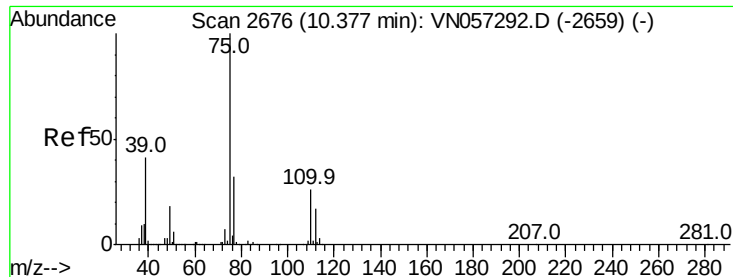
91 174.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN057292.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN057292.D (-2588) (-)





#53

t-1,3-Dichloropropene

Concen: 21.366 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

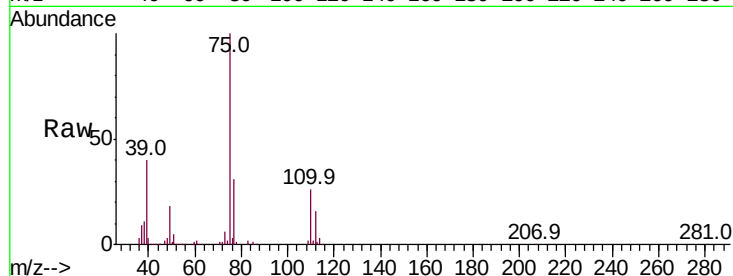
ClientSampleId :

Tot Ion: 75 Resp: 255143

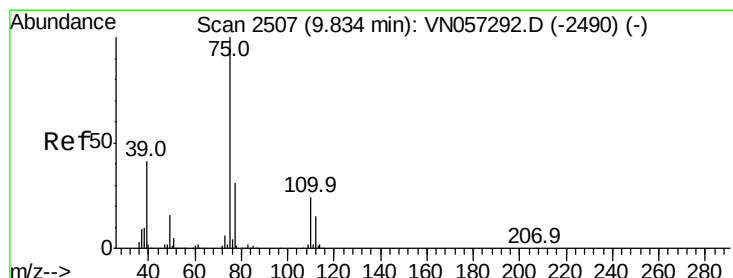
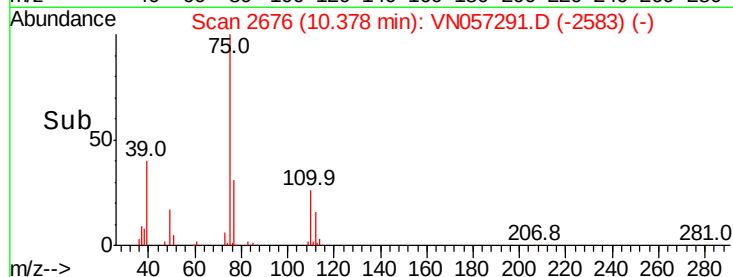
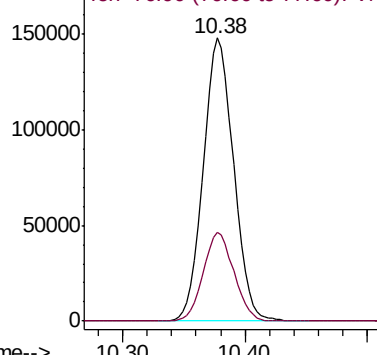
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO



#54

cis-1,3-Dichloropropene

Concen: 21.372 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

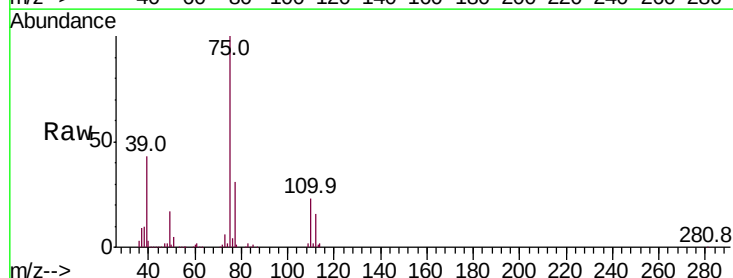
Tgt Ion: 75 Resp: 287532

Ion Ratio Lower Upper

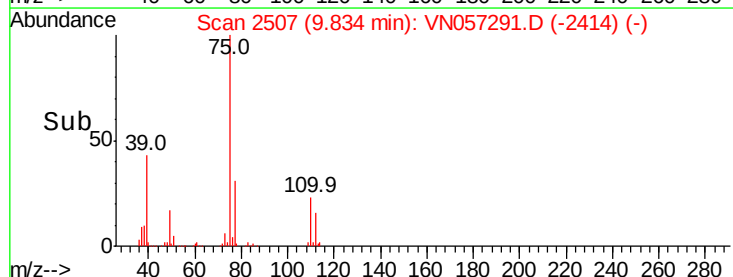
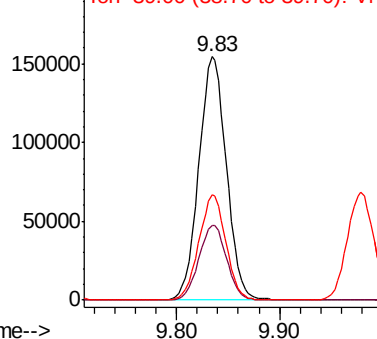
75 100

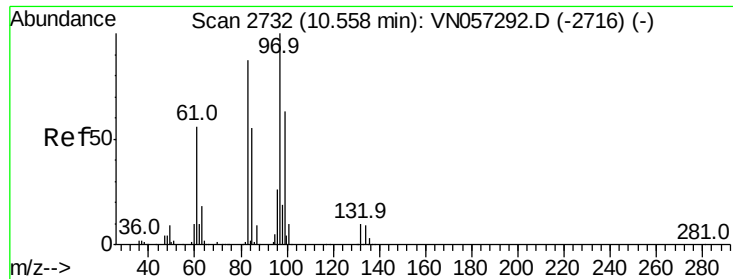
77 30.7 24.9 37.3

39 43.2 32.7 49.1



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO





#55

1,1,2-Trichloroethane

Concen: 20.933 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 172663

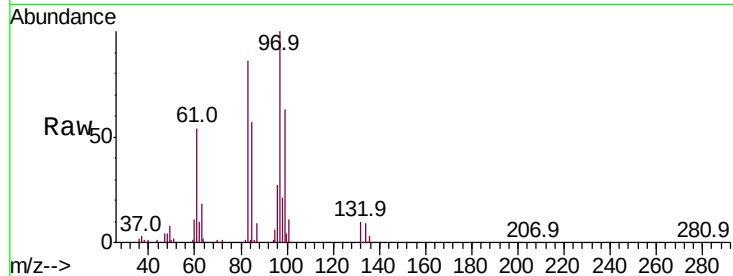
Ion Ratio Lower Upper

97 100

83 86.0 69.8 104.8

85 56.9 44.1 66.1

99 63.0 50.2 75.2

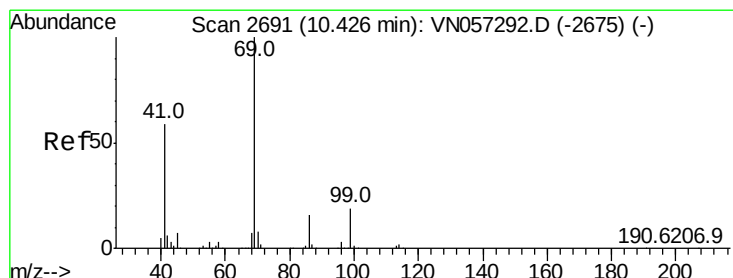
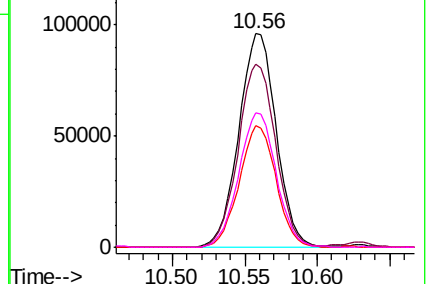
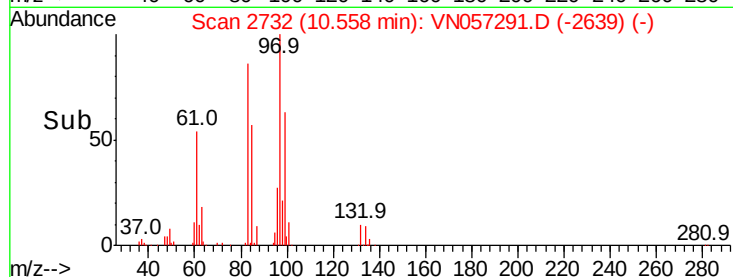


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.636 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

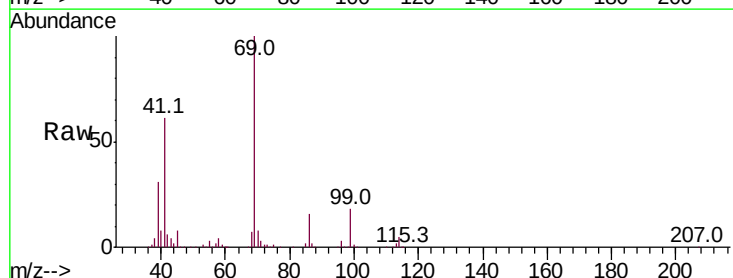
Tgt Ion: 69 Resp: 251888

Ion Ratio Lower Upper

69 100

41 60.6 48.2 72.2

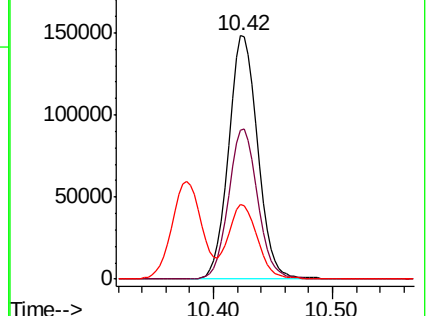
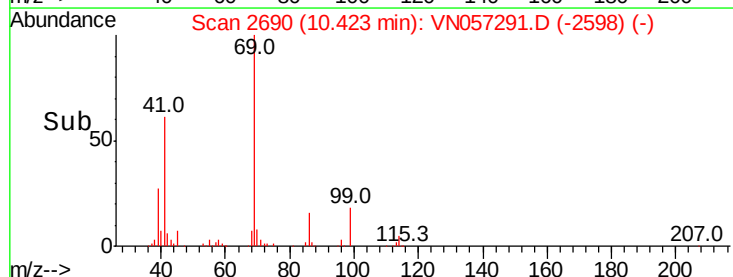
39 30.2 23.4 35.0

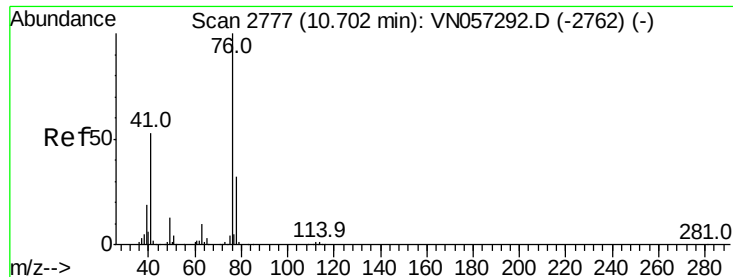


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.274 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

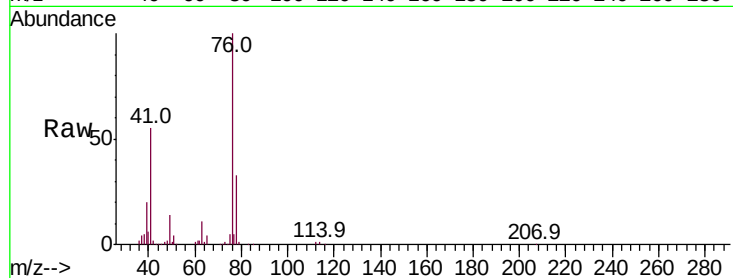
ClientSampled :

Tot Ion: 76 Resp: 289725

Ion Ratio Lower Upper

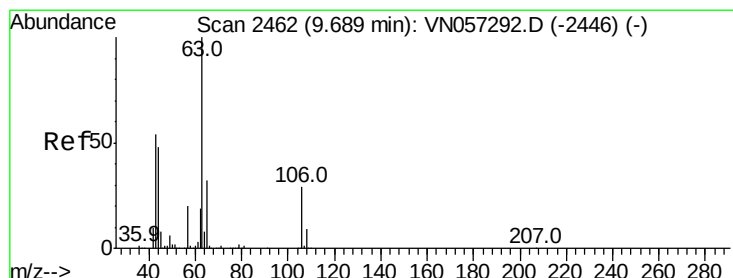
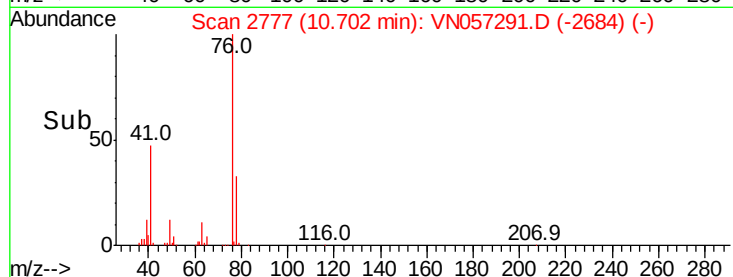
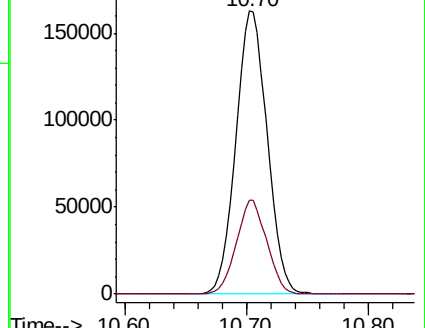
76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 104.382 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057291.D

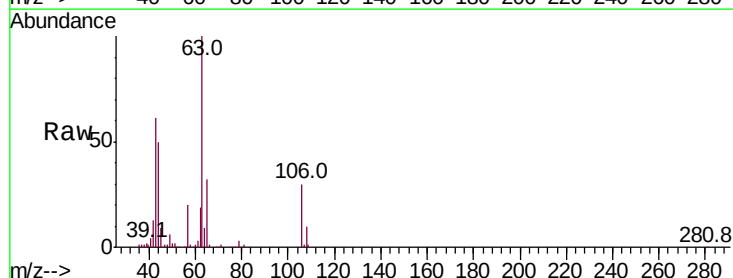
Acq: 14 Aug 2019 17:03

Tgt Ion: 63 Resp: 305615

Ion Ratio Lower Upper

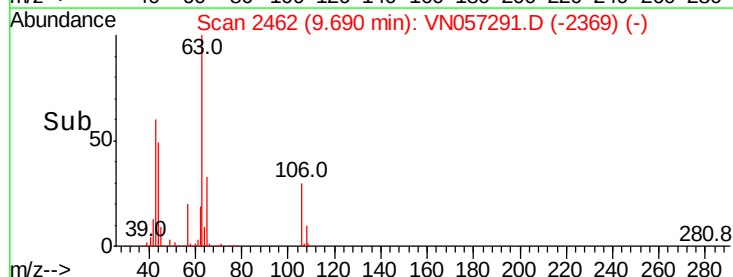
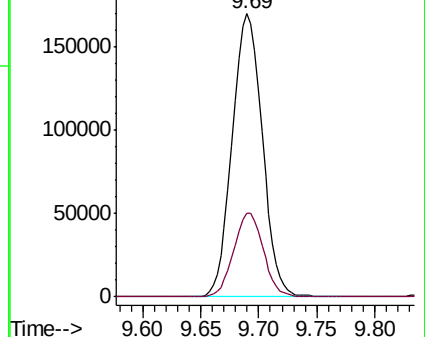
63 100

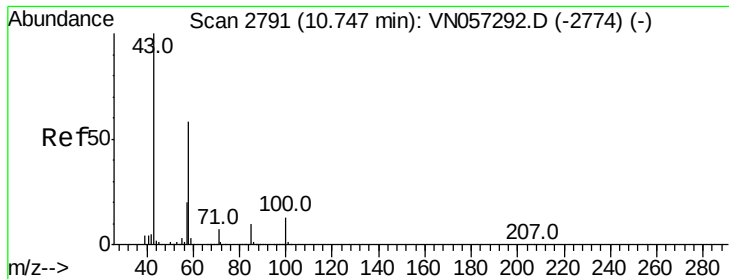
106 29.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 113.260 ug/l

RT: 10.75 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

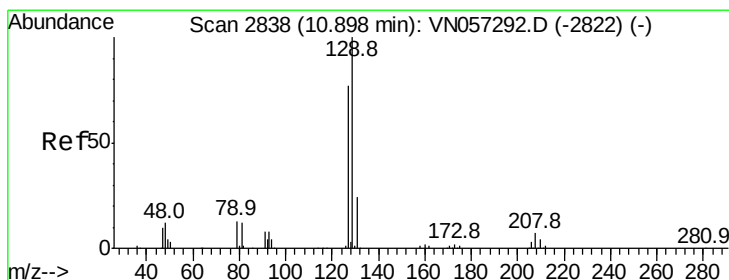
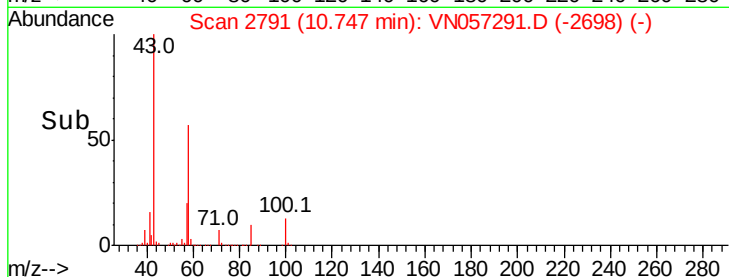
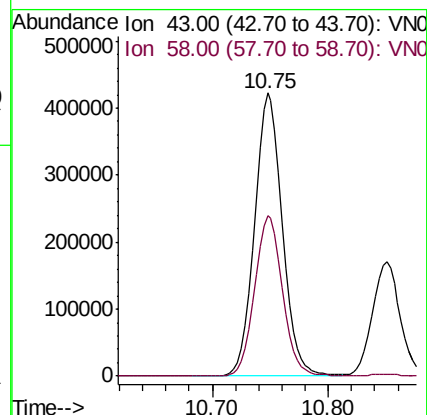
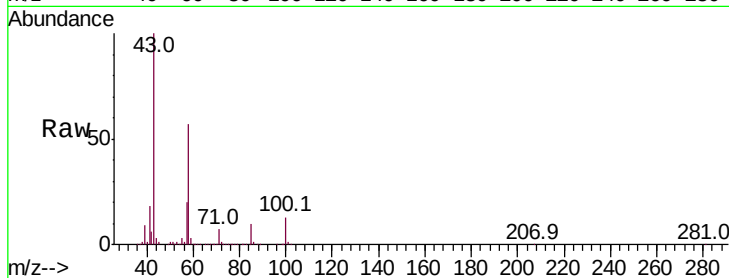
ClientSampleId :

Tot Ion: 43 Resp: 706852

Ion Ratio Lower Upper

43 100

58 57.1 28.6 85.9



#60

Dibromochloromethane

Concen: 20.803 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. 0.00 min

Lab File: VN057291.D

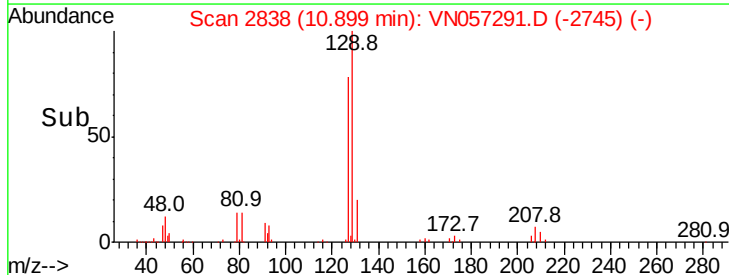
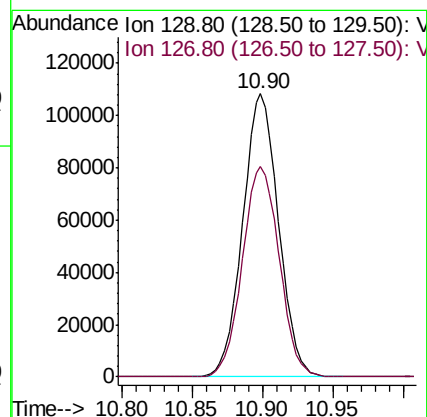
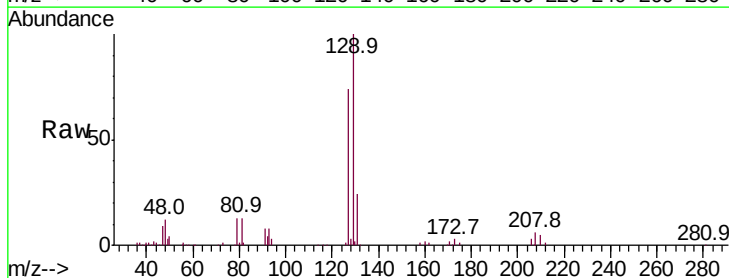
Acq: 14 Aug 2019 17:03

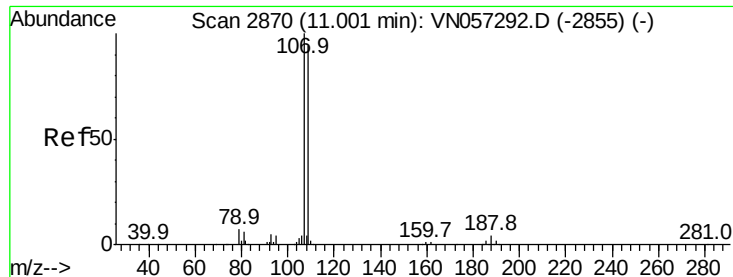
Tgt Ion: 129 Resp: 192489

Ion Ratio Lower Upper

129 100

127 76.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 21.216 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

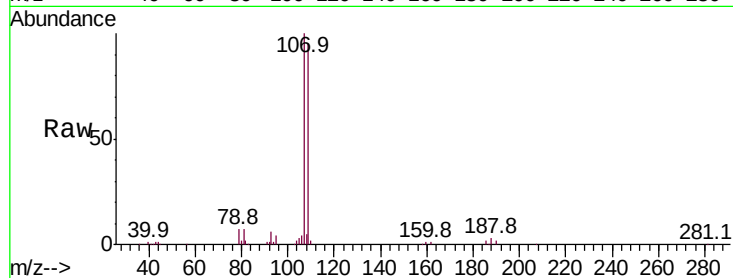
ClientSampled :

Tot Ion:107 Resp: 181830

Ion Ratio Lower Upper

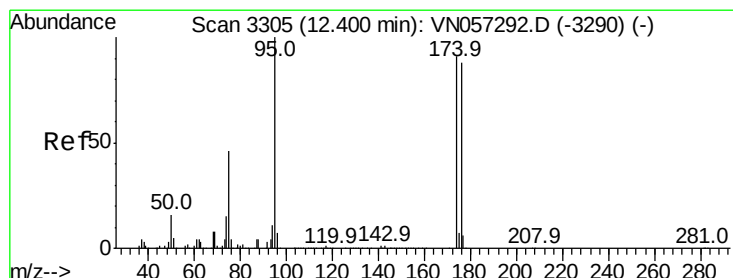
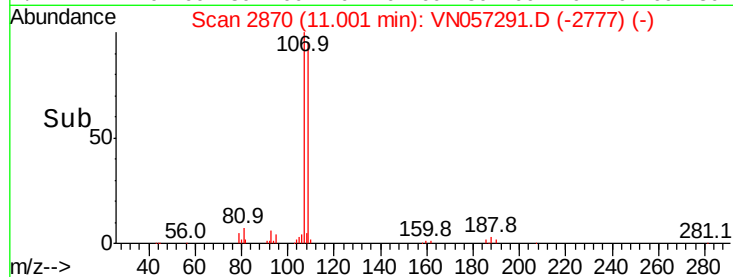
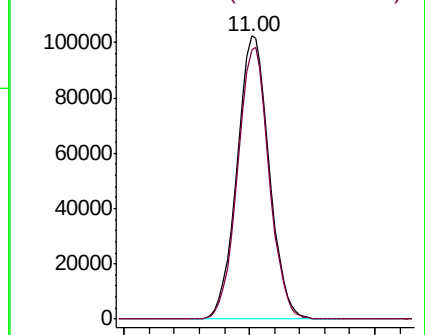
107 100

109 94.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.238 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

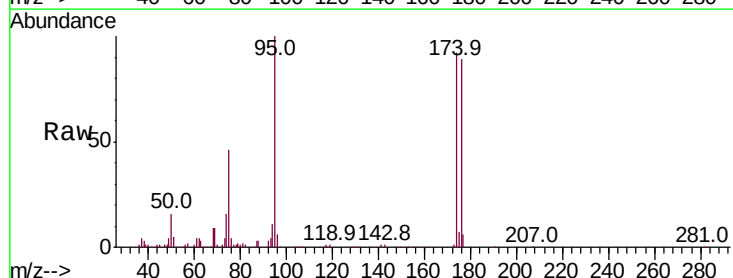
Tgt Ion: 95 Resp: 205613

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.0

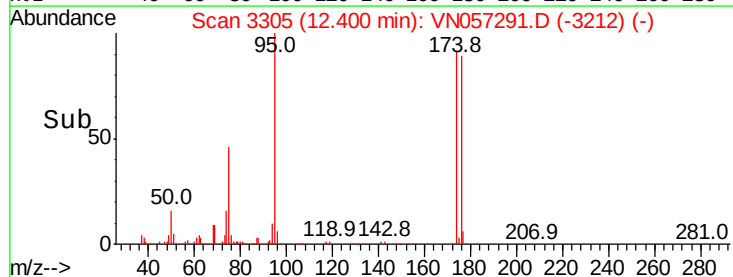
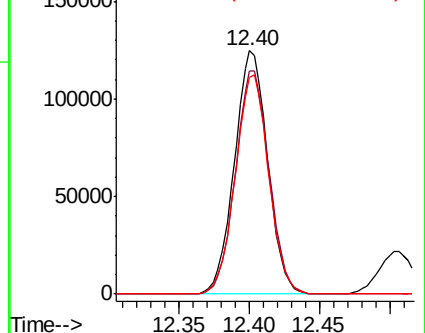
176 90.2 0.0 181.0

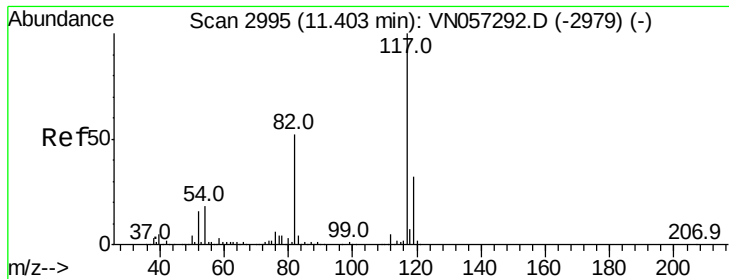


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

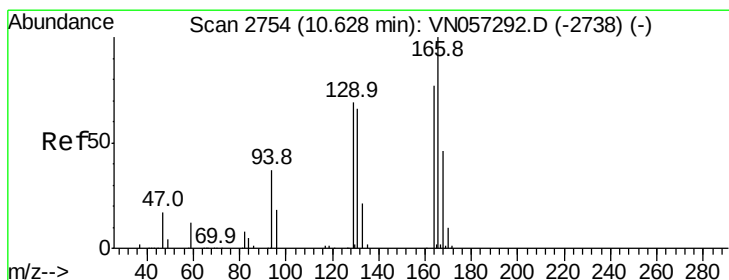
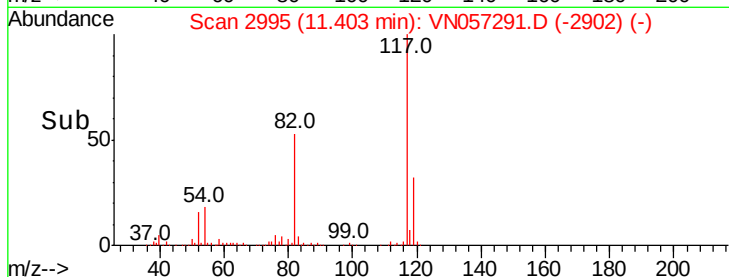
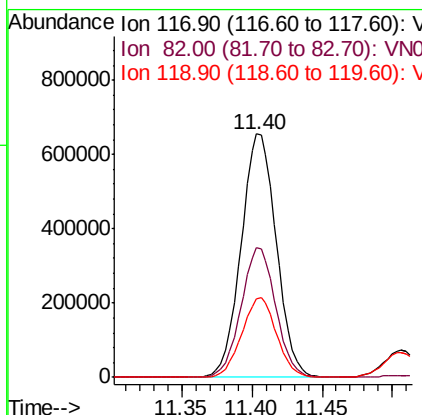
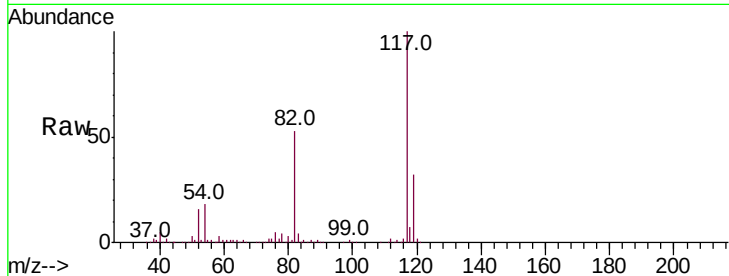




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

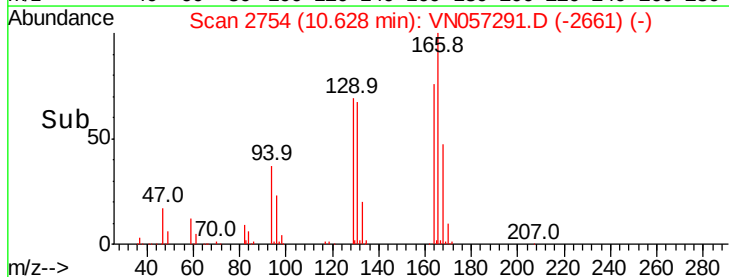
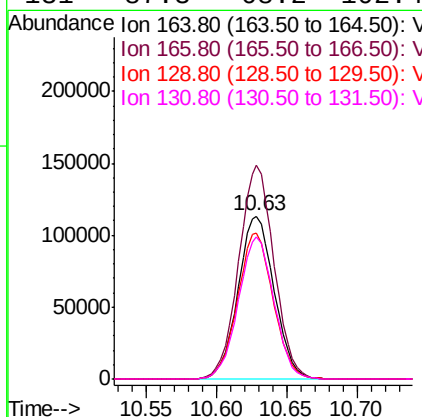
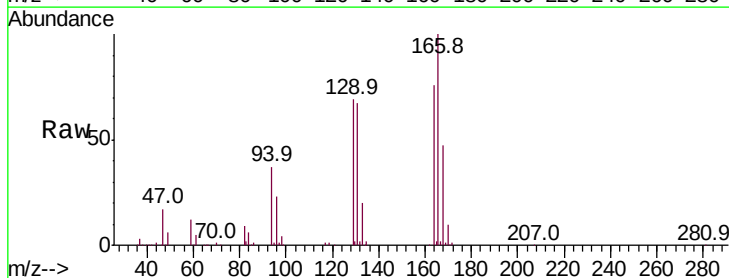
Instrument :
MSVOA_N
ClientSampleId :

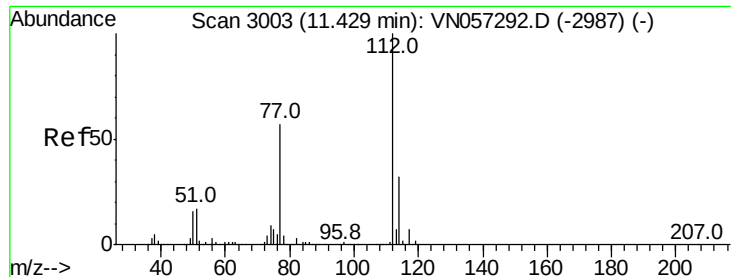
Tot Ion:117 Resp: 1144523
Ion Ratio Lower Upper
117 100
82 53.1 41.2 61.8
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 20.207 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion:164 Resp: 203314
Ion Ratio Lower Upper
164 100
166 130.9 103.5 155.3
129 89.7 71.2 106.8
131 87.3 68.2 102.4





#65

Chlorobenzene

Concen: 20.284 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

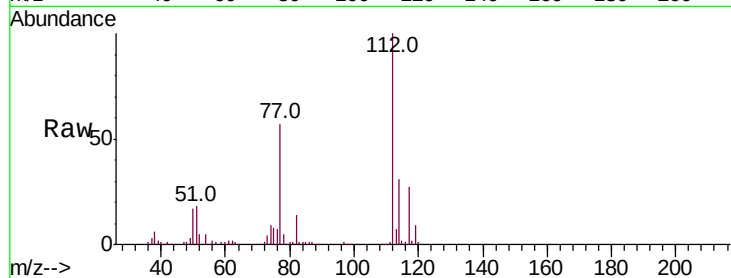
ClientSampleId :

Tot Ion:112 Resp: 472630

Ion Ratio Lower Upper

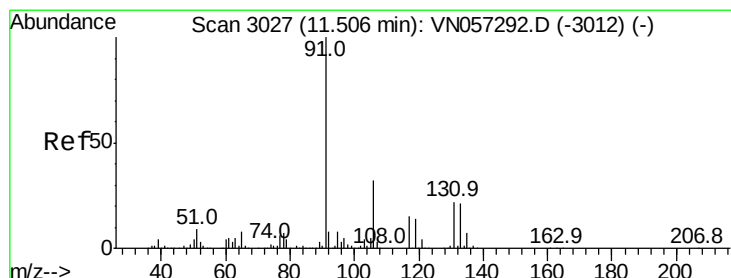
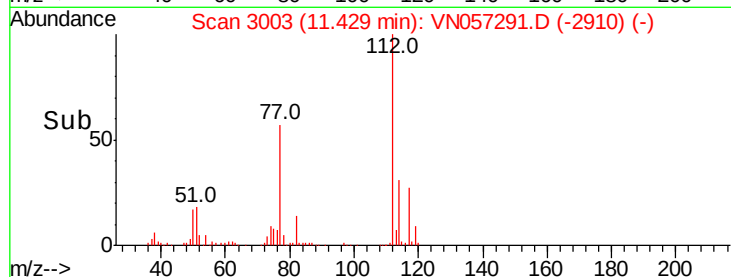
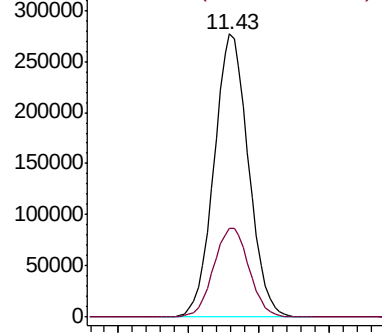
112 100

114 31.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.566 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

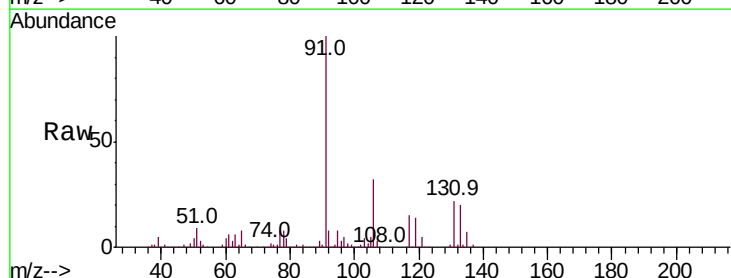
Tgt Ion:131 Resp: 185121

Ion Ratio Lower Upper

131 100

133 93.3 47.6 142.8

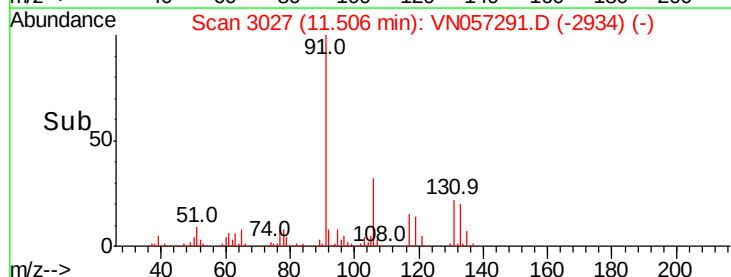
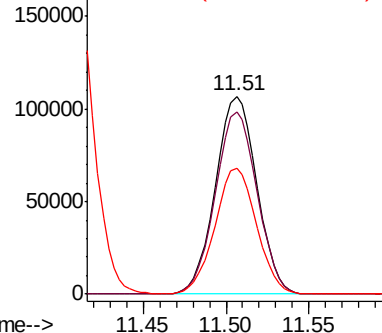
119 64.3 32.0 96.2

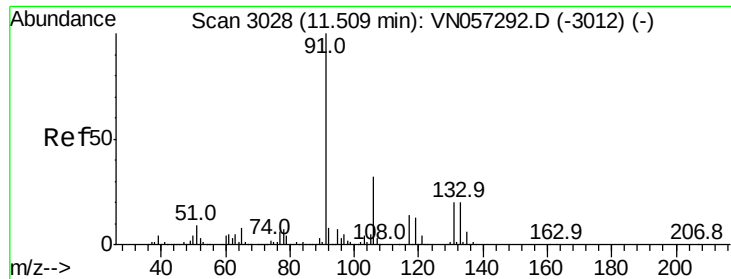


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.850 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

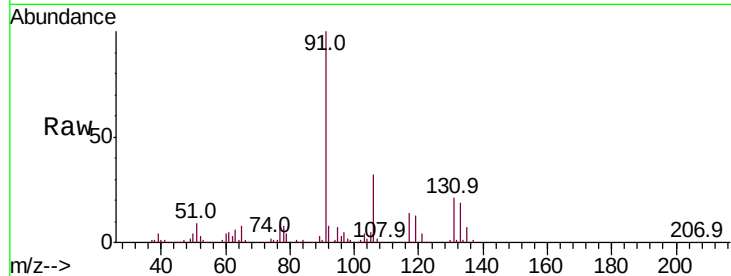
ClientSampled :

Tot Ion: 91 Resp: 831558

Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN057291.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN057291.D (-3012) (-)

600000

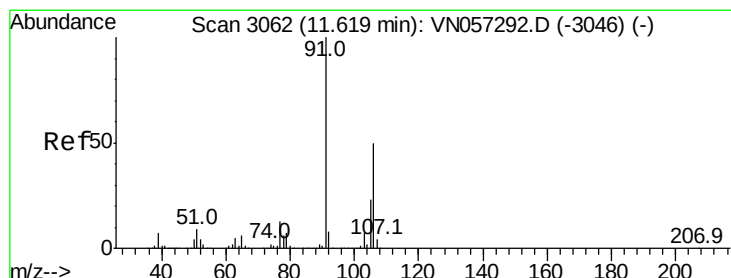
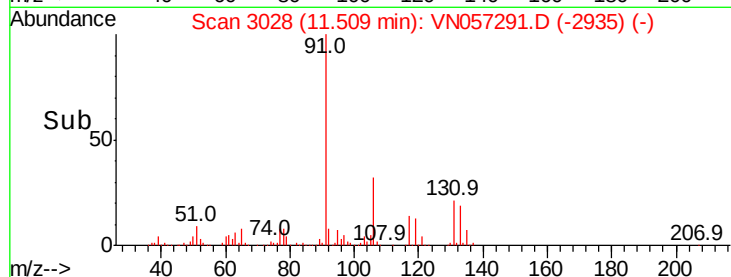
400000

200000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 41.358 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN057291.D

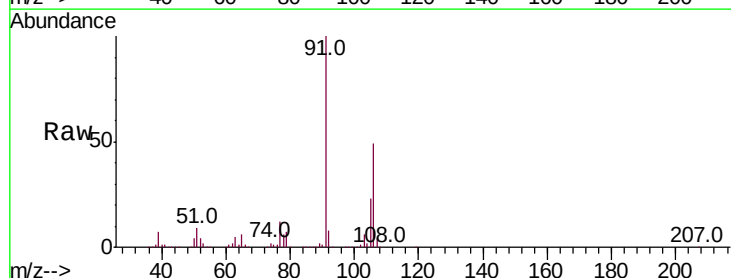
Acq: 14 Aug 2019 17:03

Tgt Ion: 106 Resp: 616170

Ion Ratio Lower Upper

106 100

91 202.4 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): VN057291.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN057291.D (-3046) (-)

600000

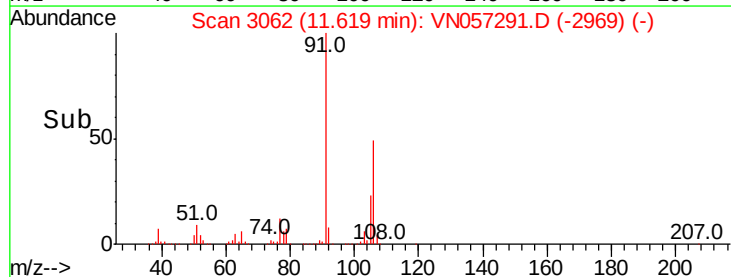
400000

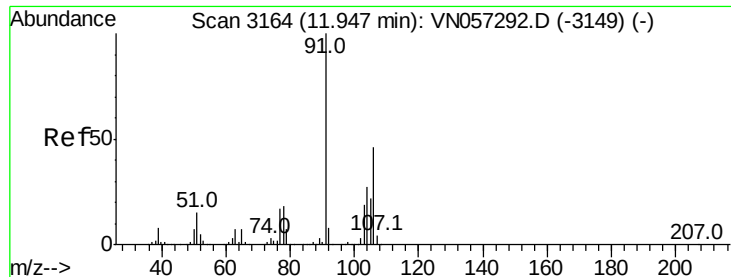
200000

0

11.60 11.62 11.64

Time-->

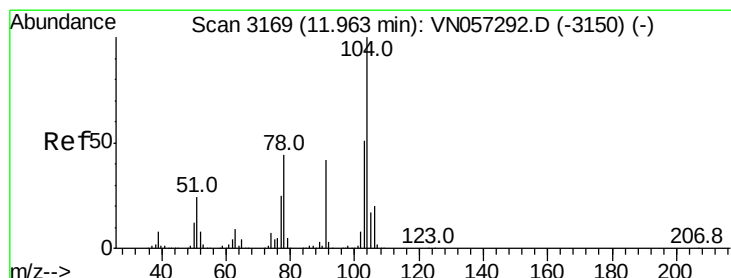
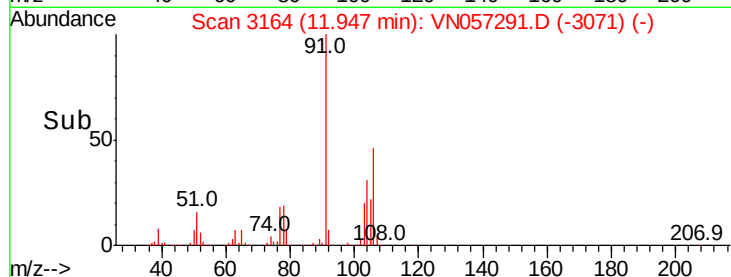
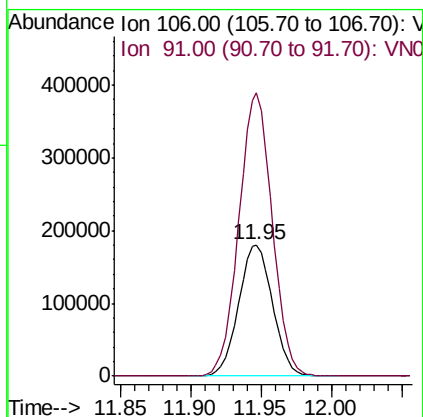
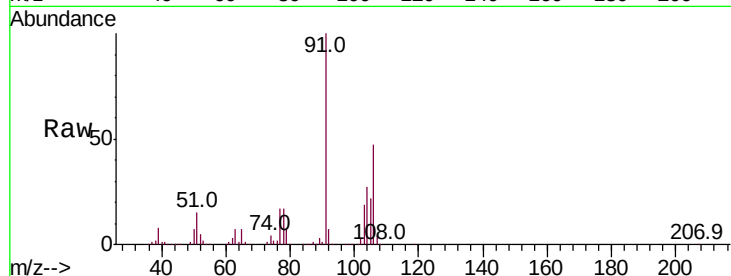




#69
o-Xylene
Concen: 20.880 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

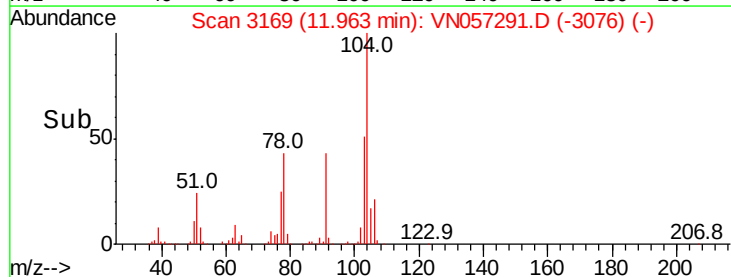
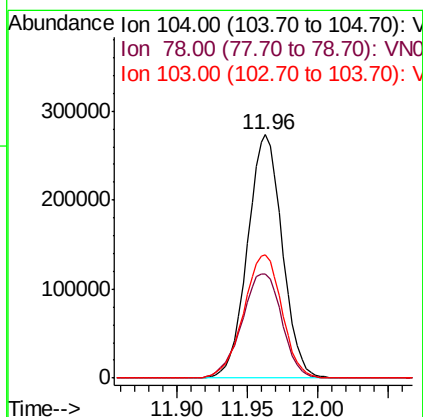
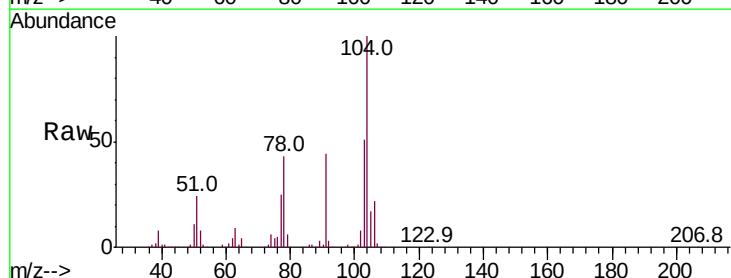
Instrument :
MSVOA_N
ClientSampled :

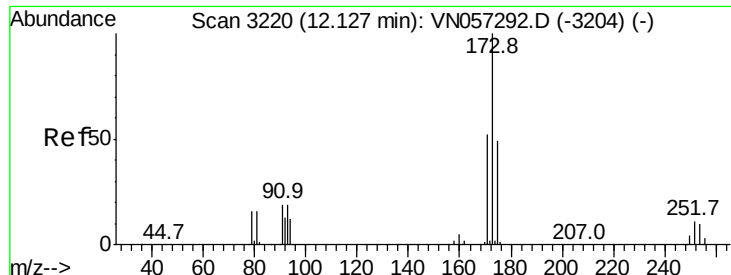
Tot Ion:106 Resp: 304980
Ion Ratio Lower Upper
106 100
91 211.4 106.3 319.0



#70
Styrene
Concen: 20.903 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion:104 Resp: 471976
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 56.0 44.6 66.8





#71

Bromoform

Concen: 20.243 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampled :

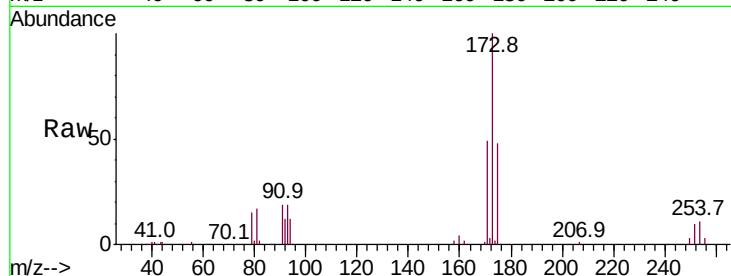
Tot Ion:173 Resp: 140069

Ion Ratio Lower Upper

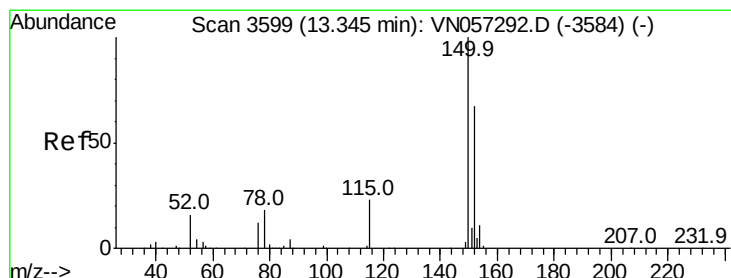
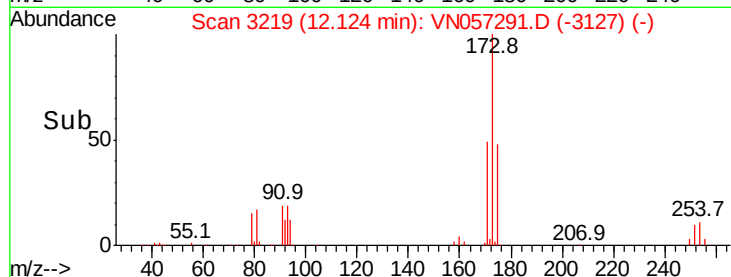
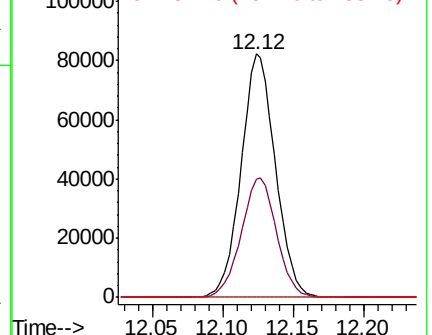
173 100

175 50.3 24.2 72.6

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

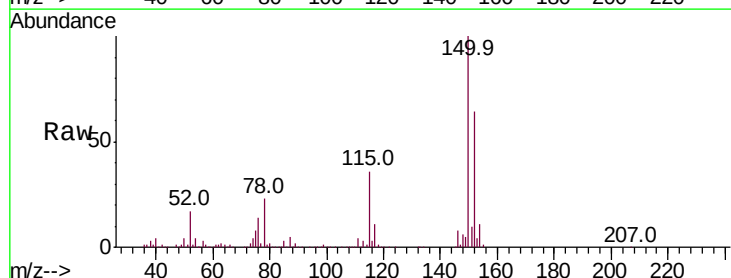
Tgt Ion:152 Resp: 402471

Ion Ratio Lower Upper

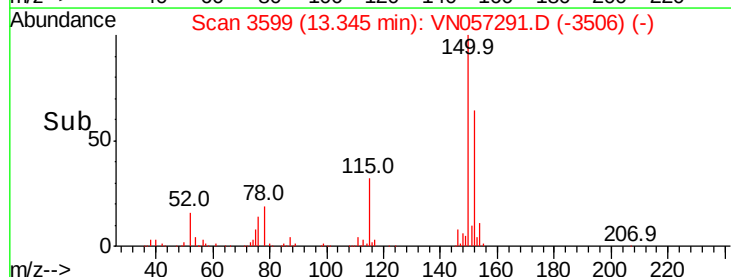
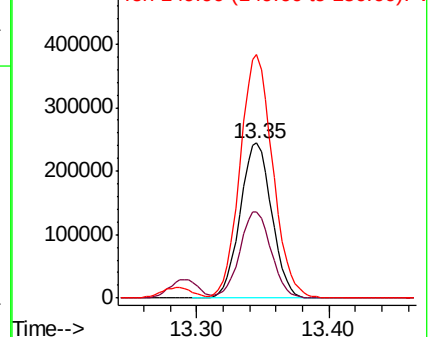
152 100

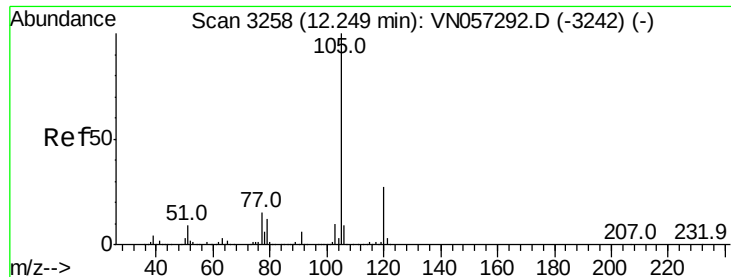
115 55.0 27.3 81.9

150 162.9 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.048 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

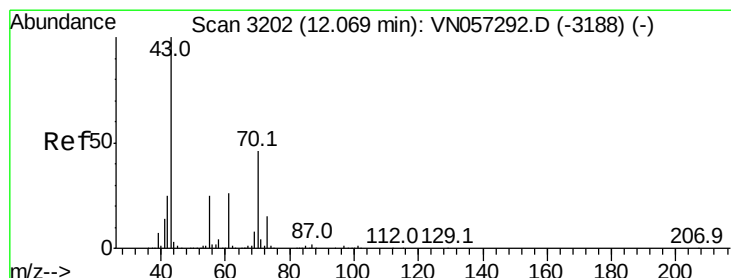
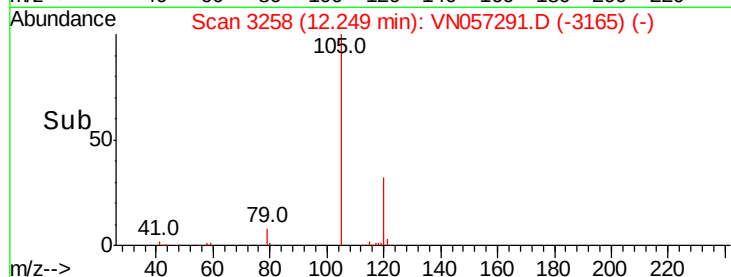
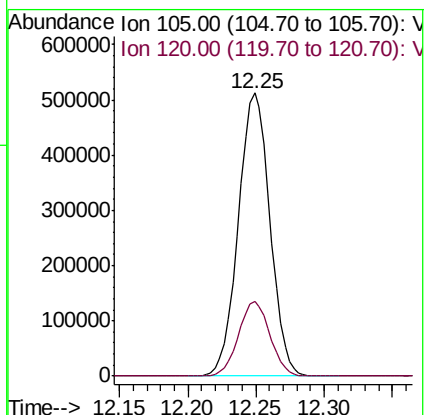
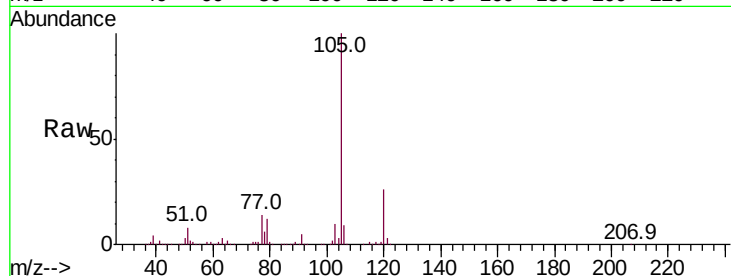
ClientSampled :

Tot Ion:105 Resp: 822962

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 22.398 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Tgt Ion: 43 Resp: 243949

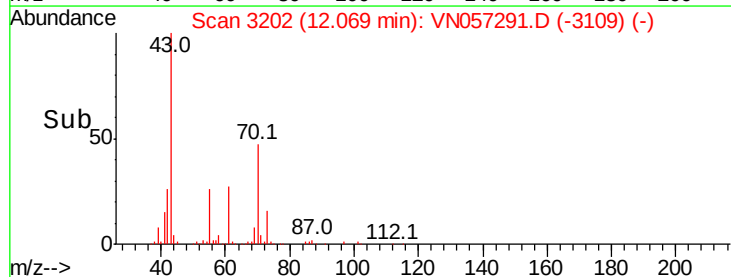
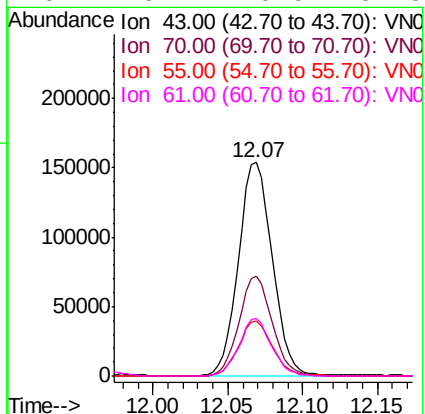
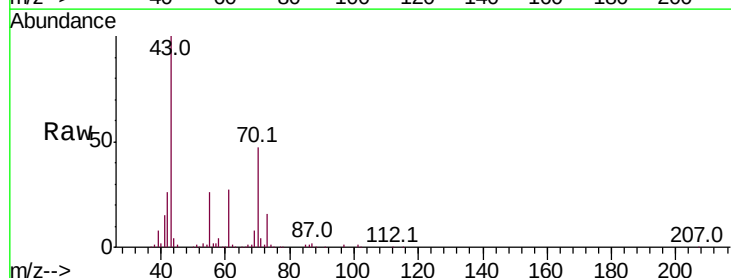
Ion Ratio Lower Upper

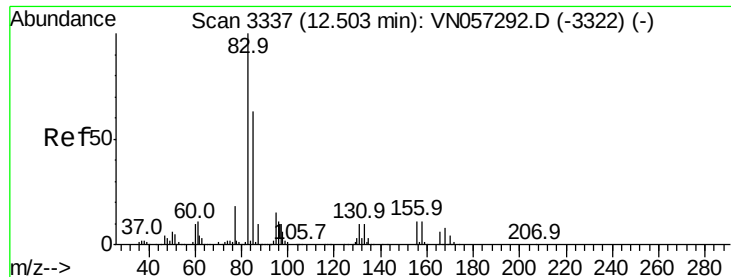
43 100

70 45.7 36.2 54.2

55 25.8 20.1 30.1

61 25.7 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.799 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampled :

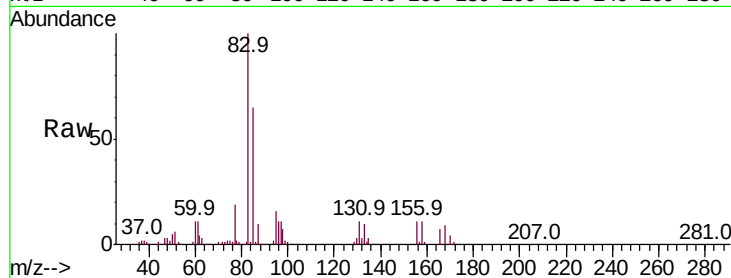
Tot Ion: 83 Resp: 233560

Ion Ratio Lower Upper

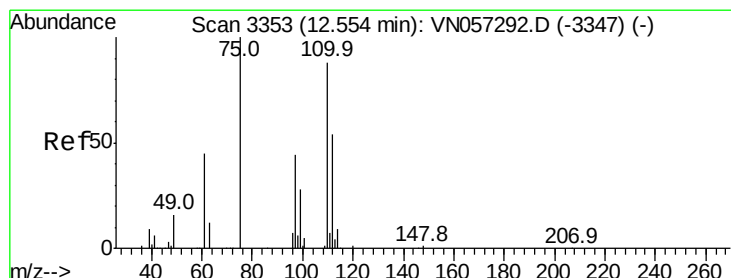
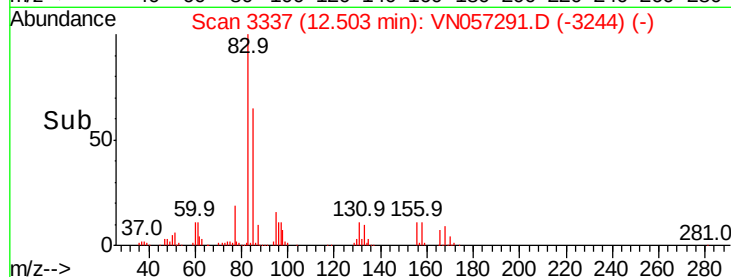
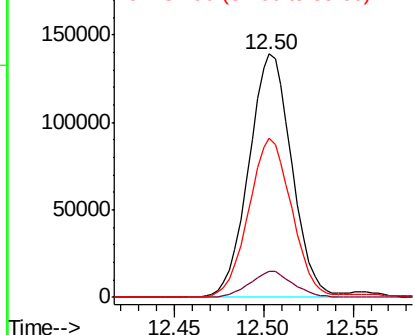
83 100

131 10.9 5.4 16.2

85 65.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 33.597 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057291.D

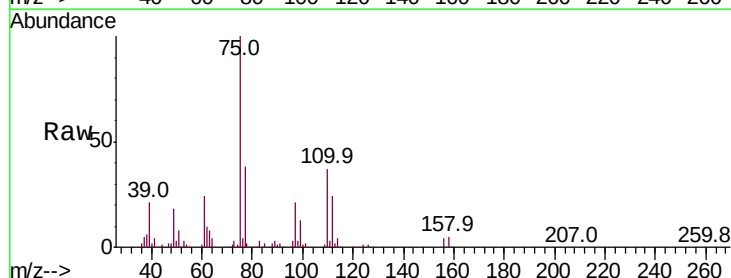
Acq: 14 Aug 2019 17:03

Tgt Ion: 75 Resp: 286030

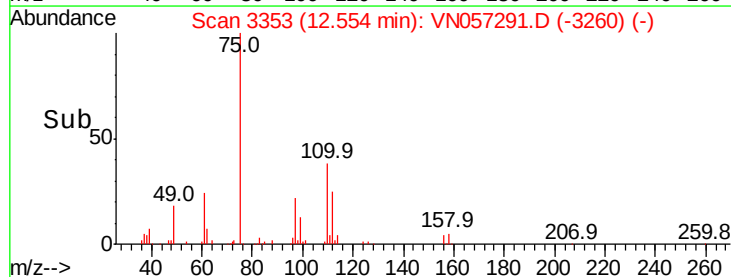
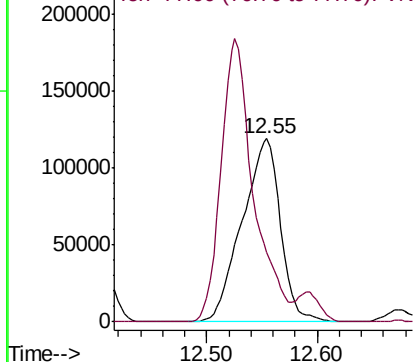
Ion Ratio Lower Upper

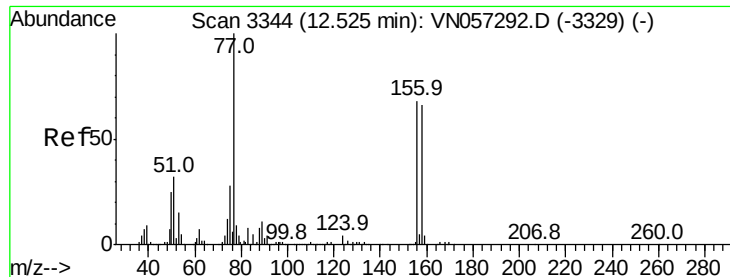
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.149 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

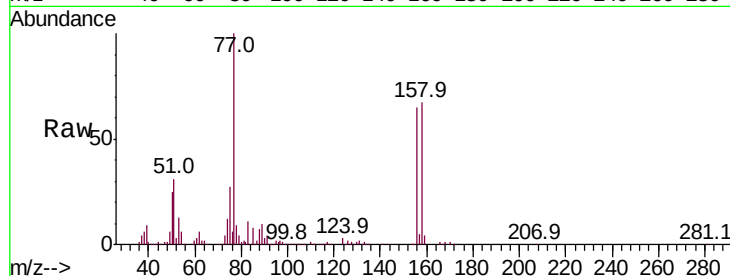
Tot Ion:156 Resp: 204713

Ion Ratio Lower Upper

156 100

77 183.9 89.8 269.6

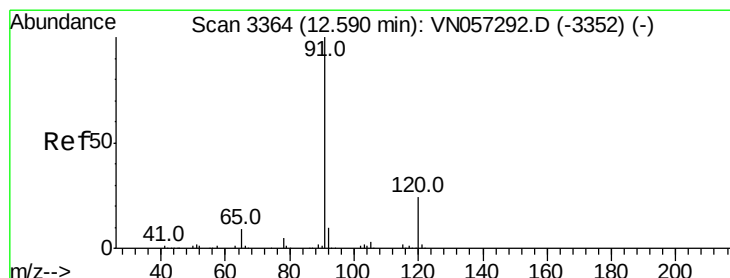
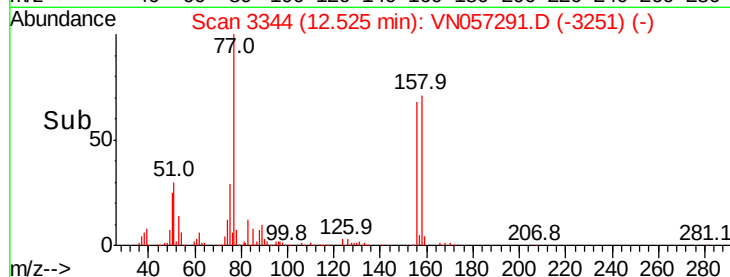
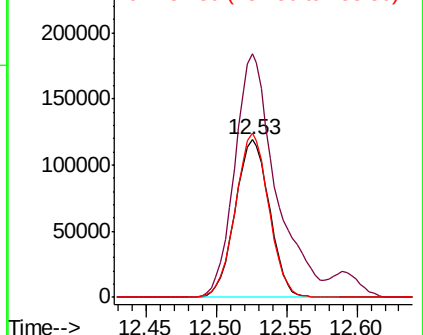
158 101.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.177 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057291.D

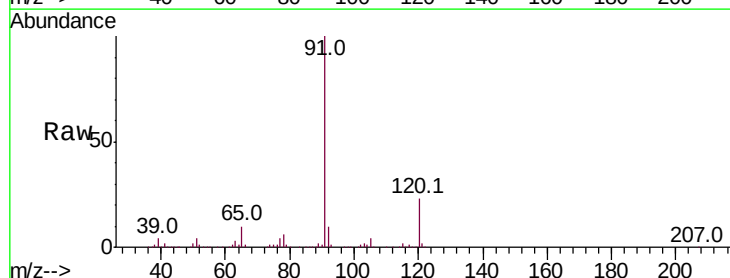
Acq: 14 Aug 2019 17:03

Tgt Ion: 91 Resp: 795894

Ion Ratio Lower Upper

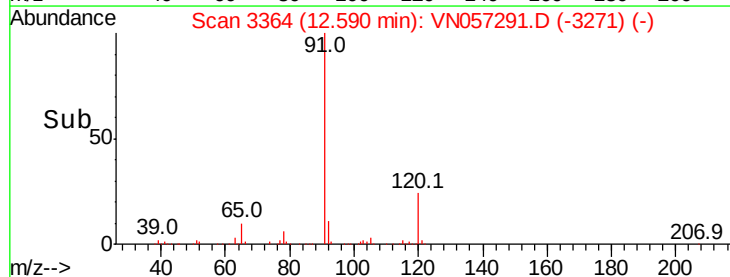
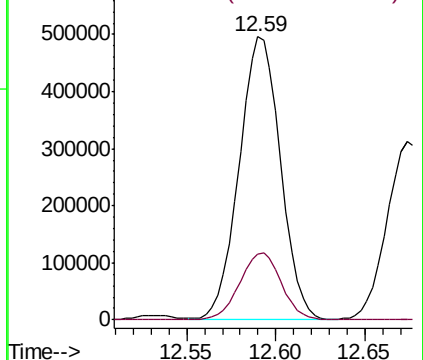
91 100

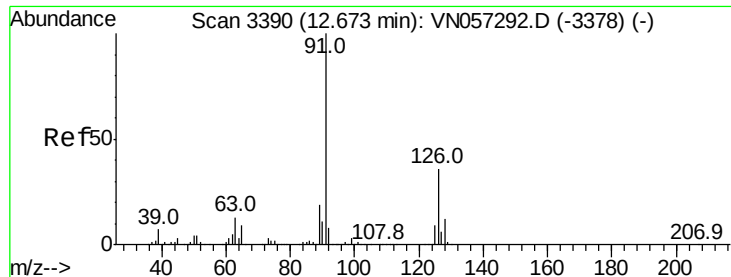
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.492 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

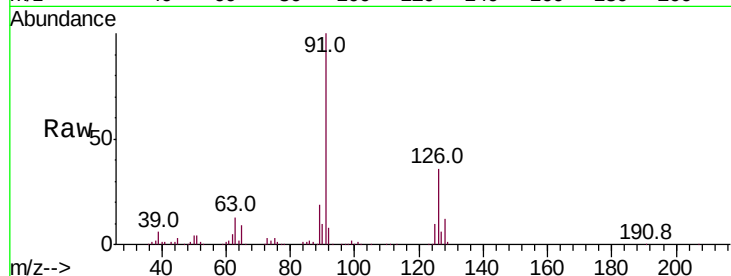
ClientSampled :

Tot Ion: 91 Resp: 516302

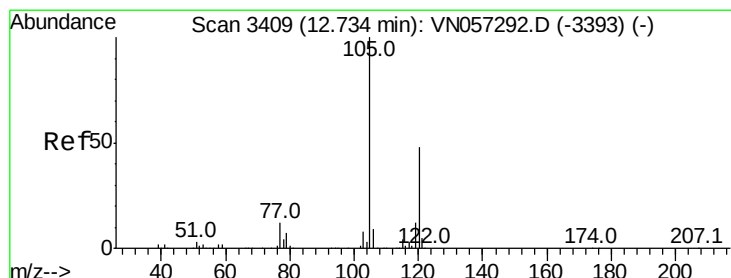
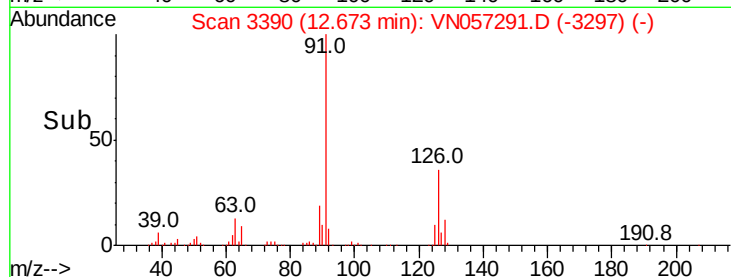
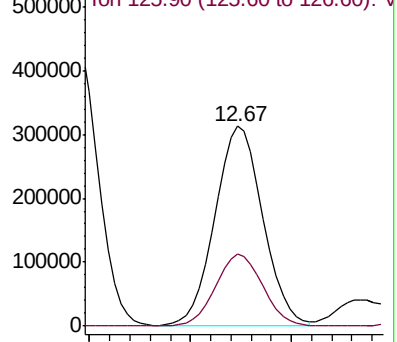
Ion Ratio Lower Upper

91 100

126 35.8 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN057291.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.842 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057291.D

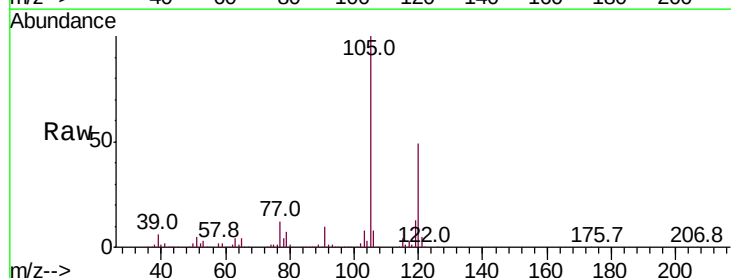
Acq: 14 Aug 2019 17:03

Tgt Ion:105 Resp: 661090

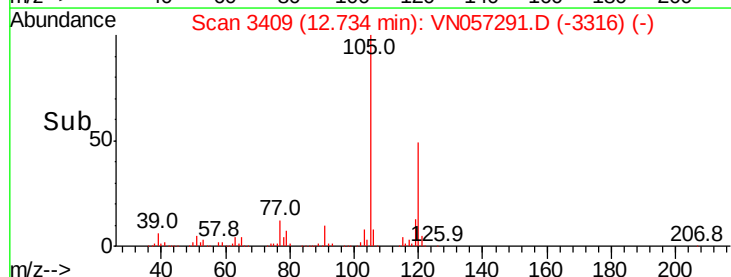
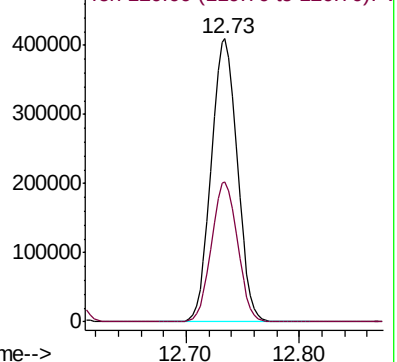
Ion Ratio Lower Upper

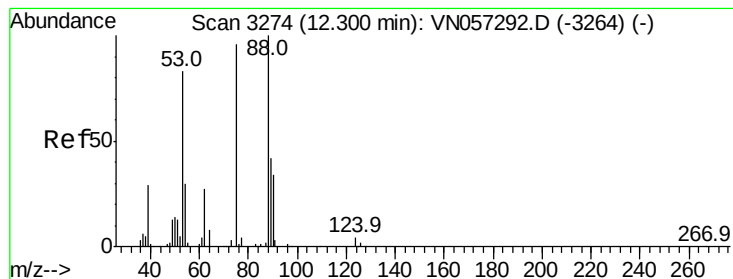
105 100

120 49.3 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057291.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 23.782 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

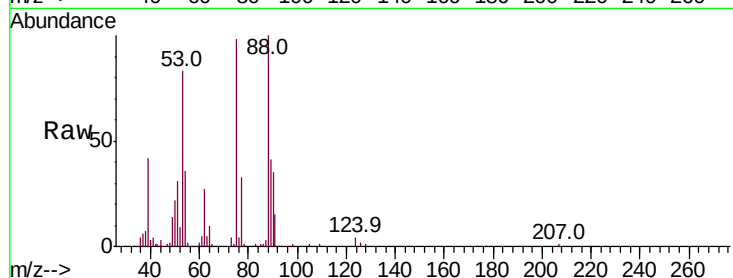
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 72160

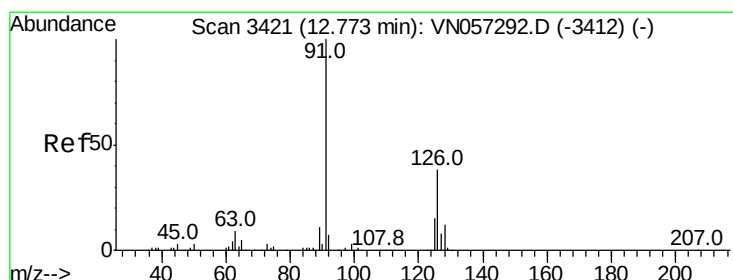
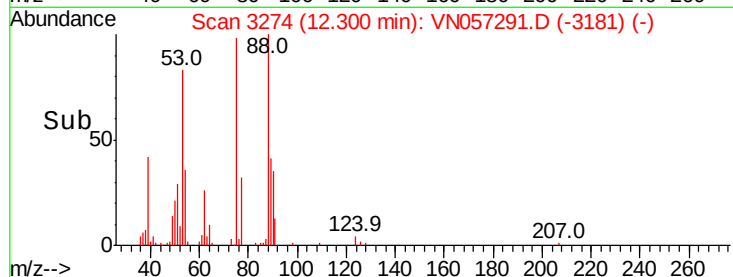
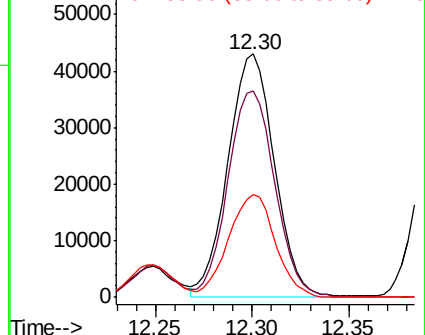
Ion	Ratio	Lower	Upper
75	100		
53	85.8	67.9	101.9
89	42.4	36.2	54.4



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 20.902 ug/l

RT: 12.77 min Scan# 3421

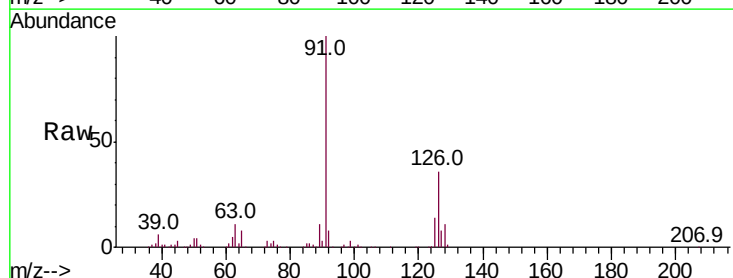
Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

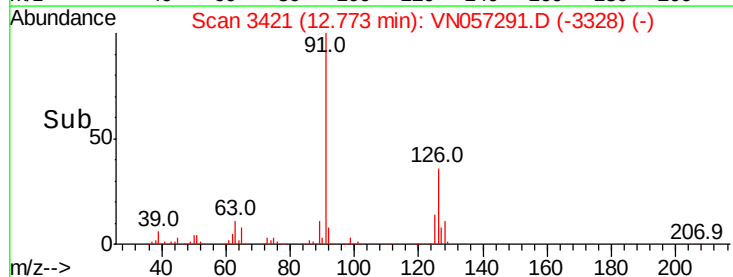
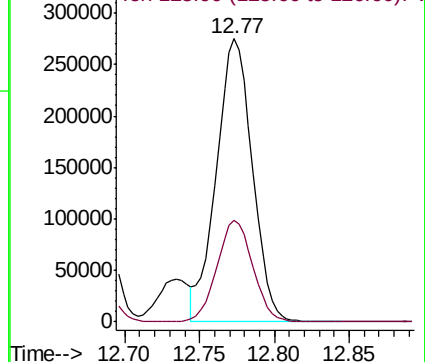
Tgt Ion: 91 Resp: 459634

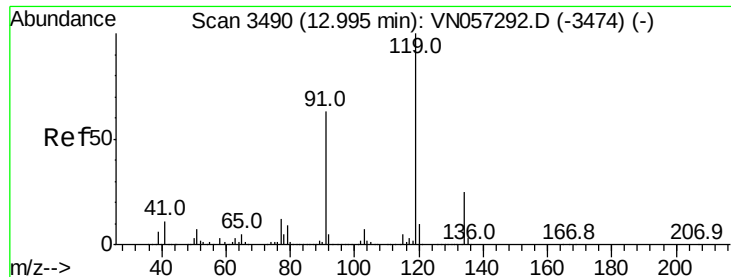
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.3	51.7



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

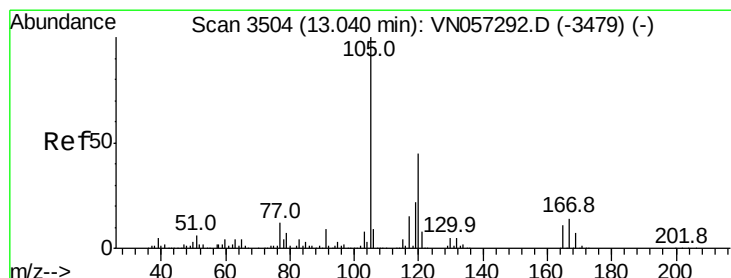
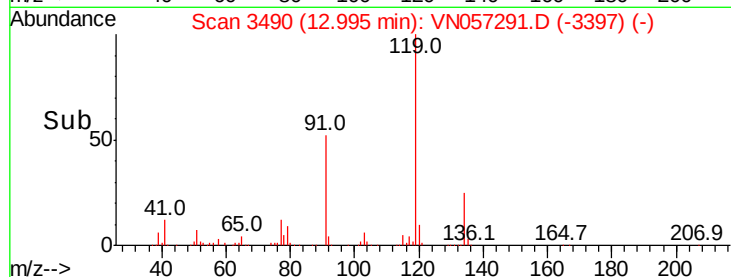
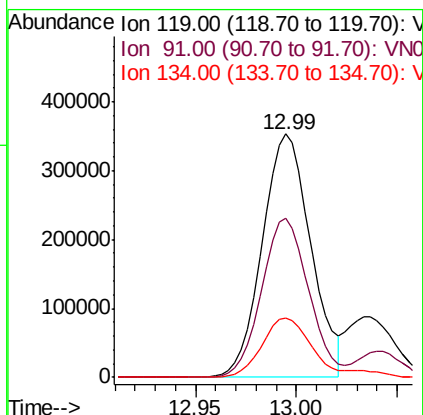
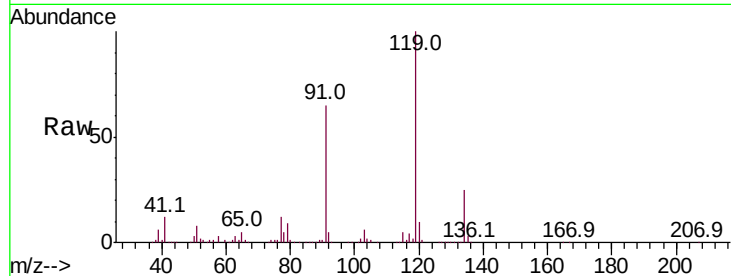




#83
 tert-Butylbenzene
 Concen: 20.934 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

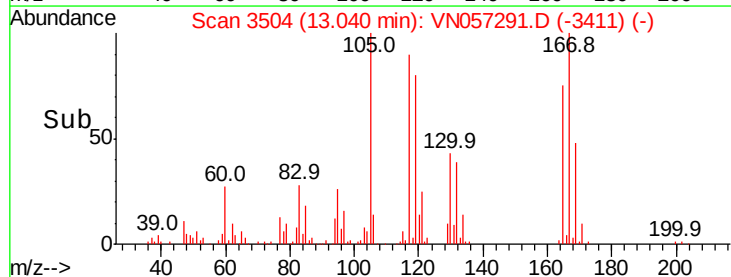
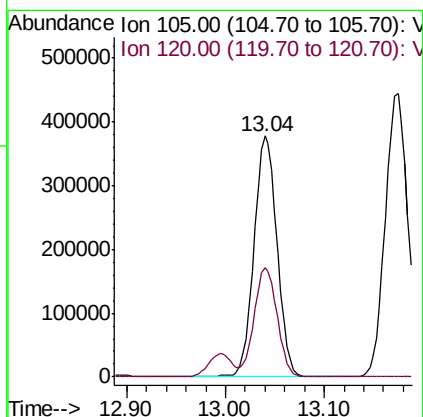
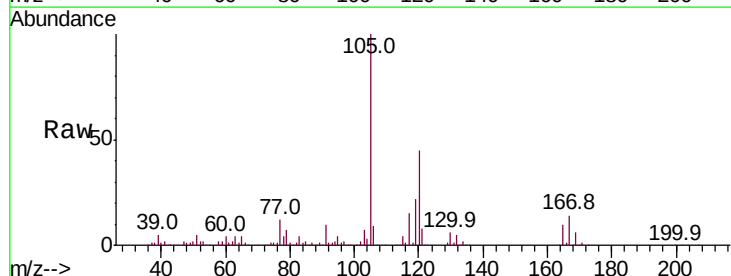
Instrument :
 MSVOA_N
 ClientSampleId :

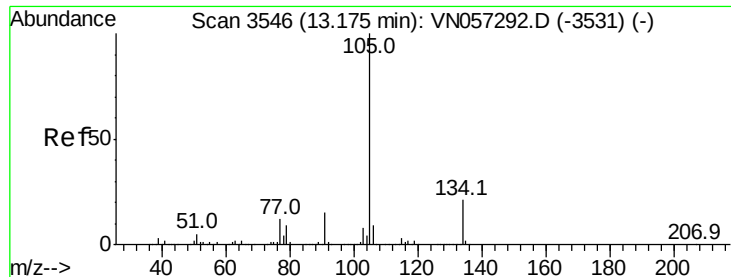
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.3	93.8
134	26.4	13.1	39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.390 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.853 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

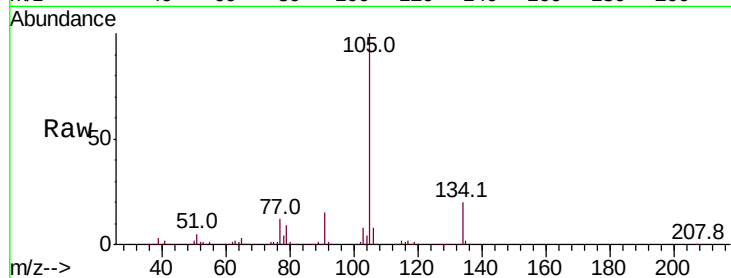
ClientSampleId :

Tot Ion:105 Resp: 705697

Ion Ratio Lower Upper

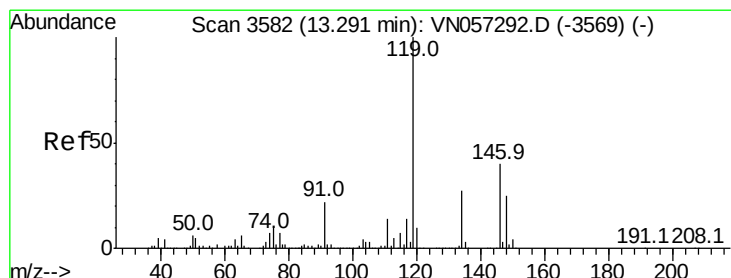
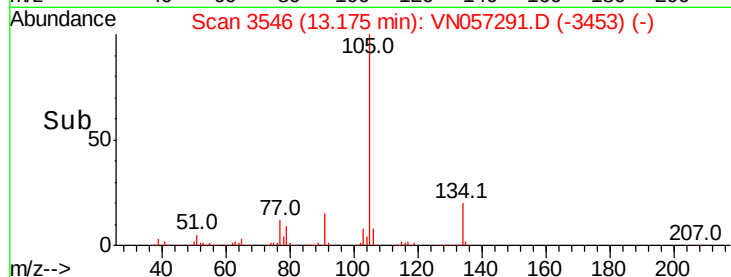
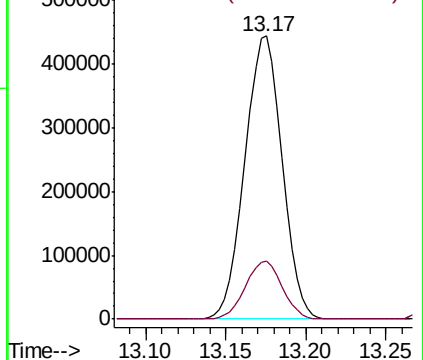
105 100

134 20.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.158 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

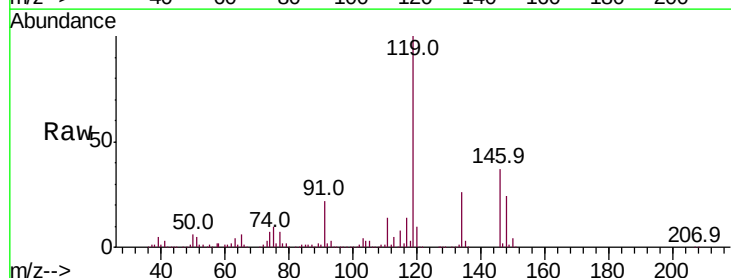
Tgt Ion:119 Resp: 594761

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

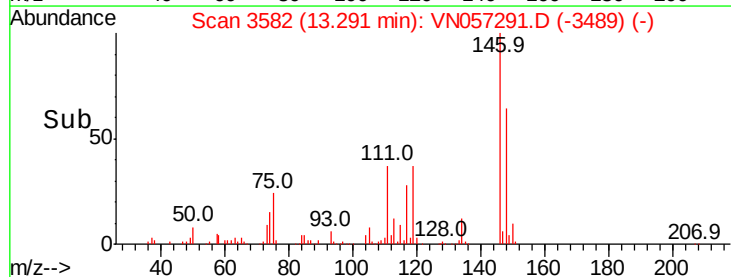
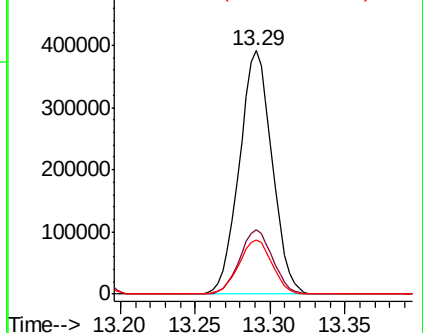
91 22.6 11.2 33.5

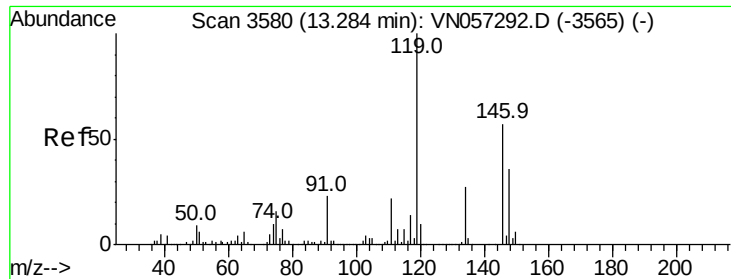


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

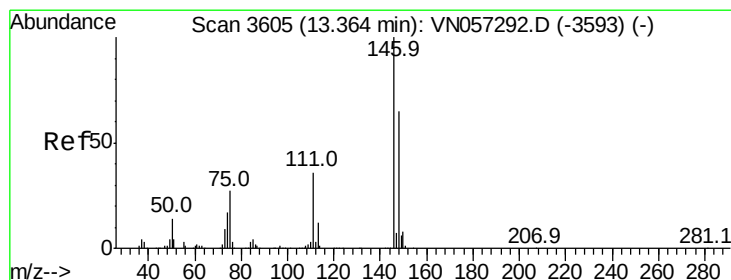
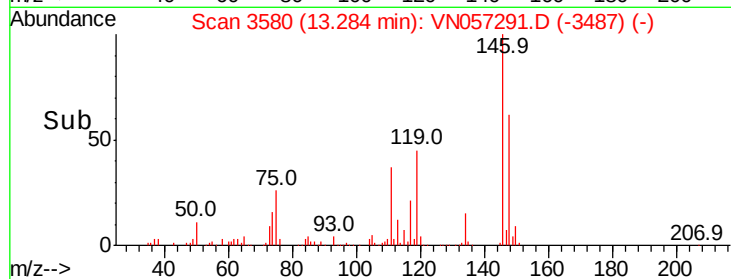
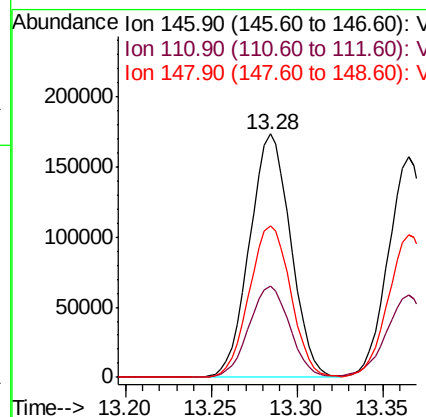
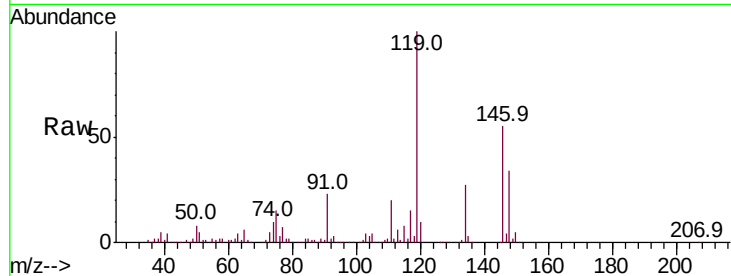




#87
 1,3-Dichlorobenzene
 Concen: 20.753 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

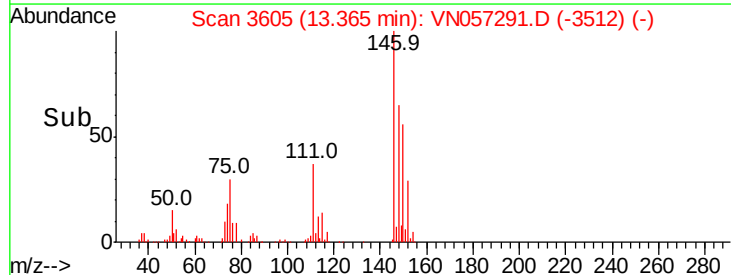
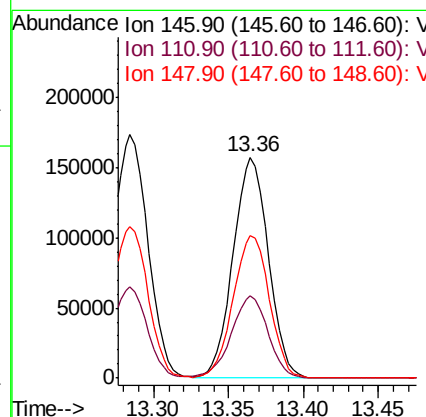
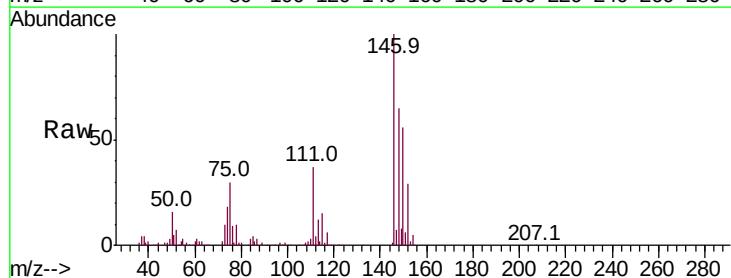
Instrument :
 MSVOA_N
 ClientSampled :

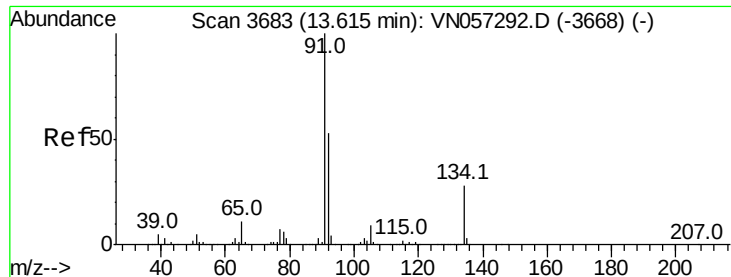
Tot Ion:146 Resp: 288449
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.7 56.1
 148 62.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.254 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion:146 Resp: 259799
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.4 55.4
 148 66.3 32.5 97.4

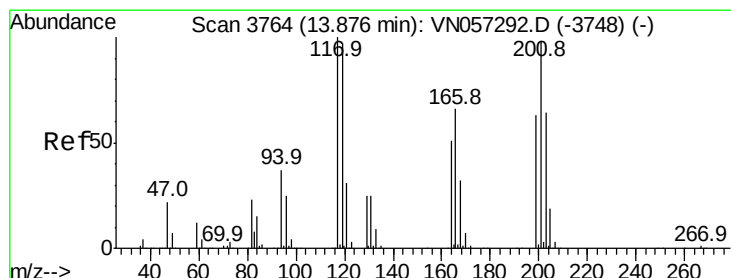
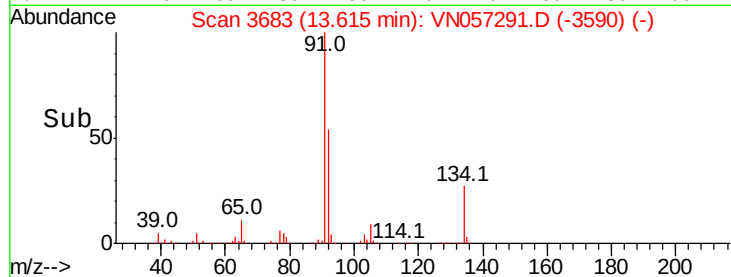
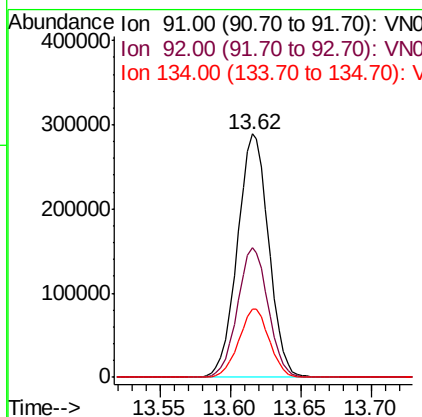
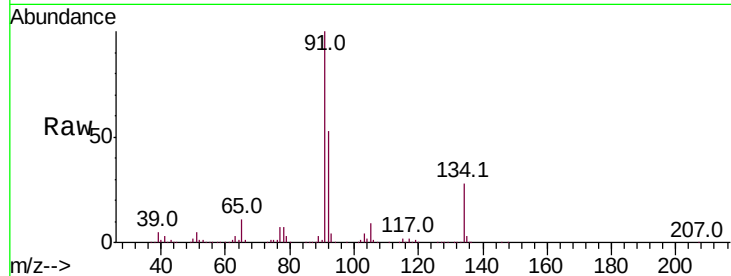




#89
n-Butylbenzene
Concen: 21.648 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

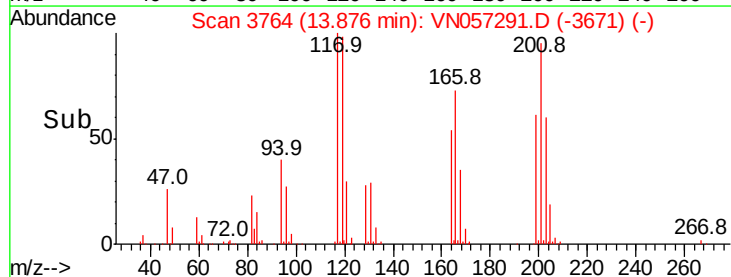
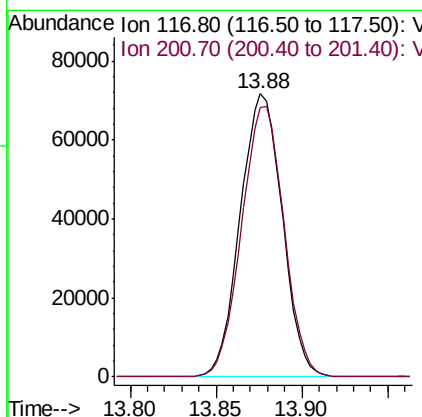
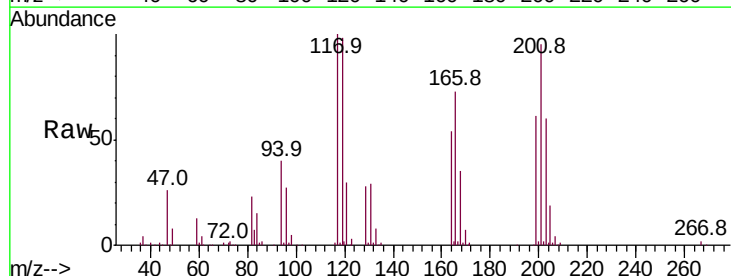
Instrument :
MSVOA_N
ClientSampleId :

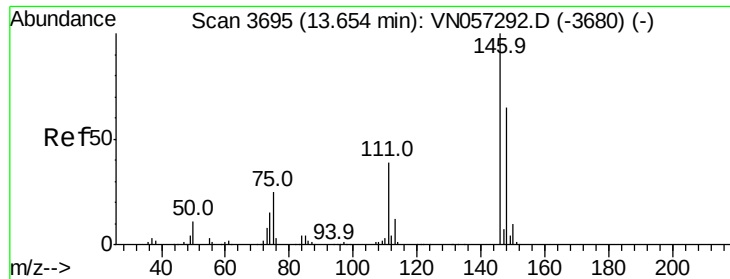
Tot Ion: 91 Resp: 448876
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 27.4 13.9 41.7



#90
Hexachloroethane
Concen: 21.129 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN057291.D
Acq: 14 Aug 2019 17:03

Tgt Ion: 117 Resp: 121823
Ion Ratio Lower Upper
117 100
201 96.1 48.4 145.0

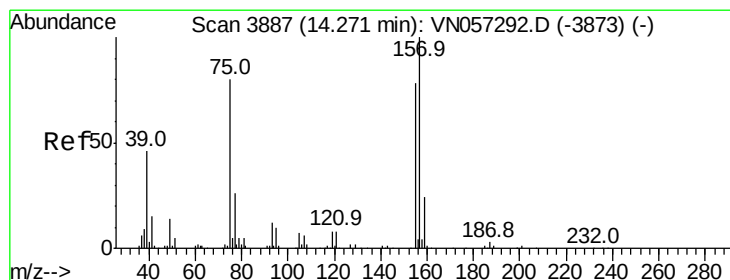
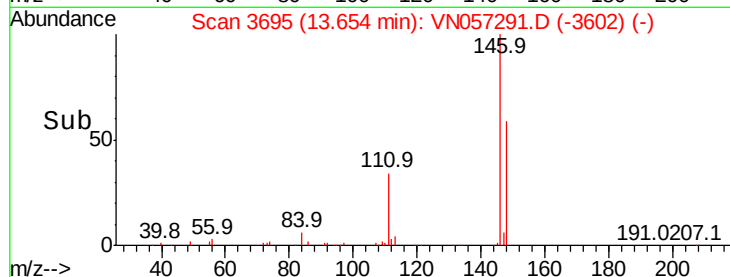
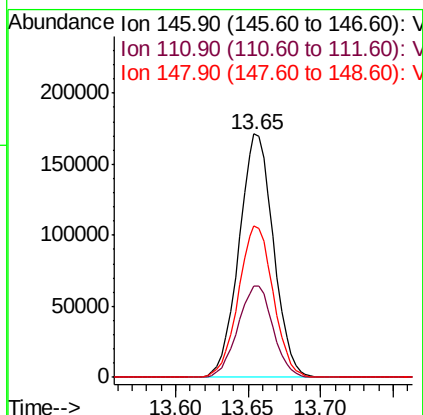
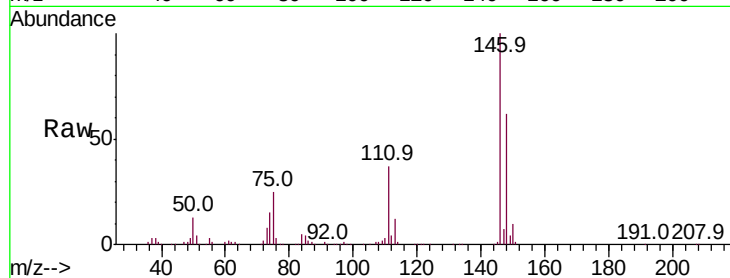




#91
 1,2-Dichlorobenzene
 Concen: 20.891 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

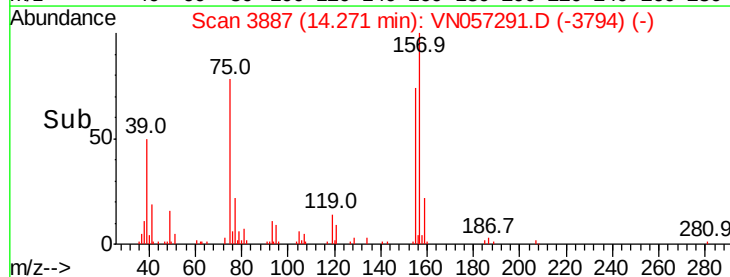
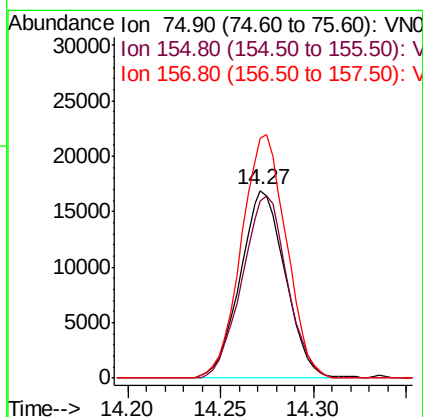
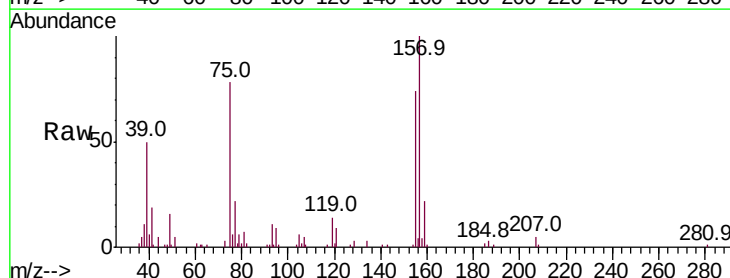
Instrument :
 MSVOA_N
 ClientSampleId :

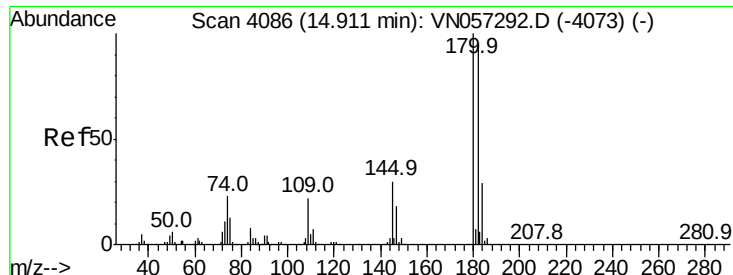
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.1
148	62.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.177 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	49.6	148.8
157	129.4	63.7	191.1

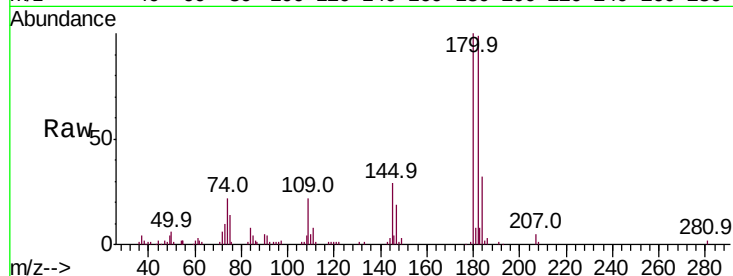




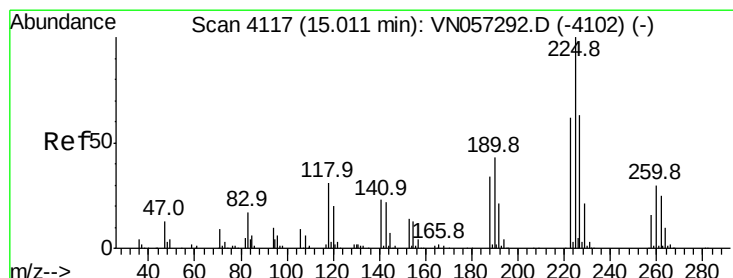
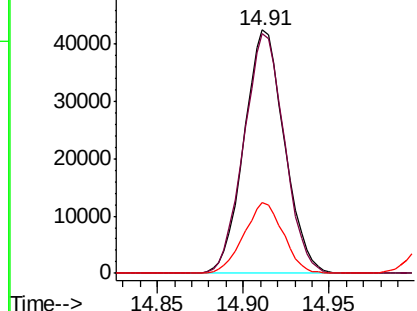
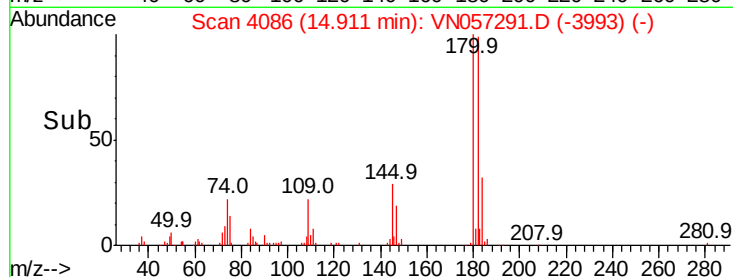
#93
 1,2,4-Trichlorobenzene
 Concen: 14.248 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 69118
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.0 144.2
 145 28.3 14.5 43.6

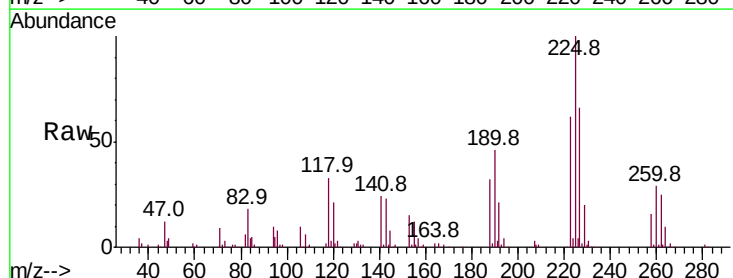


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

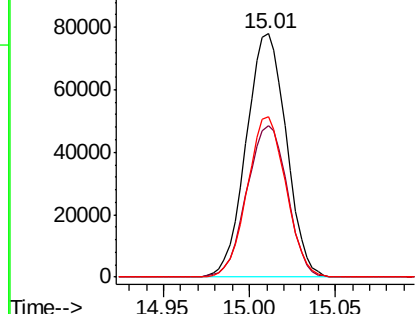
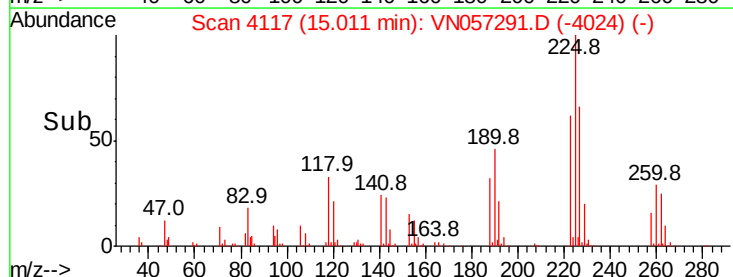


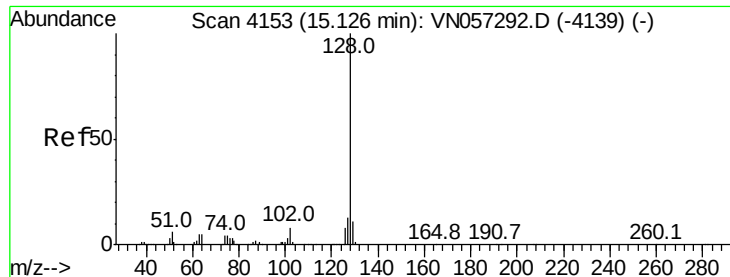
#94
 Hexachlorobutadiene
 Concen: 19.394 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057291.D
 Acq: 14 Aug 2019 17:03

Tgt Ion:225 Resp: 126126
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.7 92.1
 227 63.7 30.9 92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 14.364 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

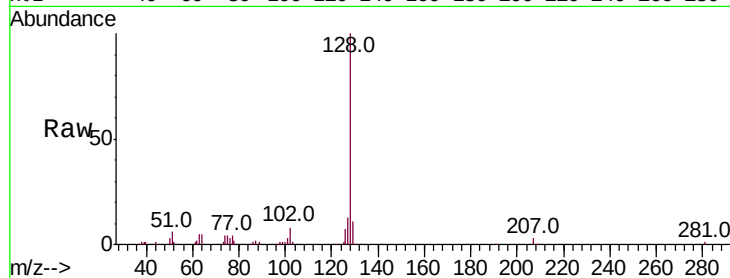
Tot Ion:128 Resp: 136862

Ion Ratio Lower Upper

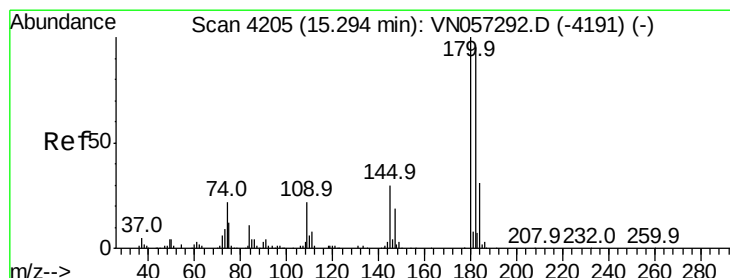
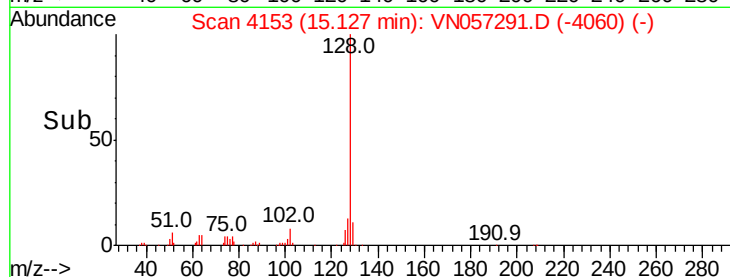
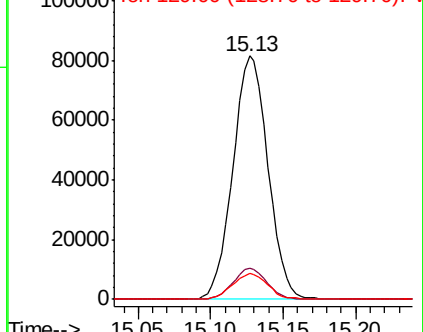
128 100

127 12.2 10.5 15.7

129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 14.139 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057291.D

Acq: 14 Aug 2019 17:03

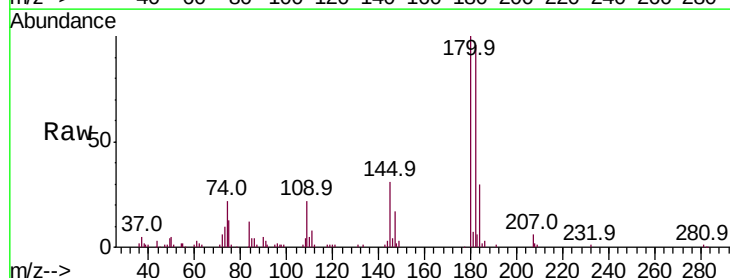
Tgt Ion:180 Resp: 69513

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.6

145 30.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

