

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058571.D
 Acq On : 7 Oct 2019 17:08
 Operator : JC/SP
 Sample : VN1007WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 14:06:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	434994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	720795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	652600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	306842	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	7.57	113	222254	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	10.08	98	840208	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.41	95	318213	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	90637	19.003	ug/l	100
3) Chloromethane	2.04	50	122847	23.427	ug/l	98
4) Vinyl Chloride	2.17	62	112963	21.991	ug/l	99
5) Bromomethane	2.54	94	55457	20.325	ug/l	95
6) Chloroethane	2.68	64	70085	22.771	ug/l	99
7) Trichlorofluoromethane	3.00	101	142119	22.926	ug/l	98
8) Diethyl Ether	3.39	74	56471	21.114	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	86968	20.658	ug/l	100
10) Methyl Iodide	3.93	142	75687	16.214	ug/l	99
11) Tert butyl alcohol	4.76	59	97011	137.374	ug/l	98
12) 1,1-Dichloroethene	3.71	96	81610	19.888	ug/l	98
13) Acrolein	3.59	56	26092	116.167	ug/l	98
14) Allyl chloride	4.30	41	164162	21.983	ug/l	95
15) Acrylonitrile	4.96	53	242844	117.993	ug/l	99
16) Acetone	3.79	43	250292	115.504	ug/l	98
17) Carbon Disulfide	4.03	76	210419	19.453	ug/l	98
18) Methyl Acetate	4.30	43	123796	22.714	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	313628	21.661	ug/l	99
20) Methylene Chloride	4.53	84	103048	20.607	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	90690	19.874	ug/l	97
22) Diisopropyl ether	5.93	45	343440	21.371	ug/l	94
23) Vinyl Acetate	5.87	43	1401224	115.641	ug/l	99
24) 1,1-Dichloroethane	5.83	63	192124	21.243	ug/l	98
25) 2-Butanone	6.81	43	337087	113.301	ug/l	99
26) 2,2-Dichloropropane	6.80	77	170638	22.950	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	110228	20.668	ug/l	99
28) Bromochloromethane	7.18	49	76191	21.075	ug/l	98
29) Tetrahydrofuran	7.19	42	215332	114.035	ug/l	99
30) Chloroform	7.36	83	193946	21.162	ug/l	100
31) Cyclohexane	7.64	56	170977	19.435	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	167210	22.218	ug/l	99
36) 1,1-Dichloropropene	7.78	75	139646	20.261	ug/l	99
37) Ethyl Acetate	6.91	43	139763	23.918	ug/l	99
38) Carbon Tetrachloride	7.76	117	140492	22.583	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	156157	19.402	ug/l	99
40) Benzene	8.03	78	408672	20.628	ug/l	99
41) Methacrylonitrile	7.15	41	58095	21.611	ug/l	96
42) 1,2-Dichloroethane	8.11	62	159538	20.699	ug/l	98
43) Isopropyl Acetate	8.15	43	232843	21.190	ug/l #	89
44) Trichloroethene	8.82	130	102672	20.988	ug/l	99
45) 1,2-Dichloropropane	9.11	63	114868	21.619	ug/l	99
46) Dibromomethane	9.20	93	72498	21.546	ug/l	99
47) Bromodichloromethane	9.39	83	147529	23.141	ug/l	100
48) Methyl methacrylate	9.19	41	107304	21.446	ug/l	97
49) 1,4-Dioxane	9.19	88	39710	593.542	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	693363	122.842	ug/l	99
52) Toluene	10.15	92	254861	20.438	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	163429	23.552	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	177327	23.022	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	104389	22.991	ug/l	96
56) Ethyl methacrylate	10.43	69	152172	22.087	ug/l	98
57) 1,3-Dichloropropane	10.71	76	180948	22.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	370059	134.700	ug/l	99
59) 2-Hexanone	10.75	43	499881	121.628	ug/l	99
60) Dibromochloromethane	10.90	129	105523	22.135	ug/l	99
61) 1,2-Dibromoethane	11.00	107	101363	21.848	ug/l	100
64) Tetrachloroethene	10.63	164	96028	23.161	ug/l	98
65) Chlorobenzene	11.43	112	269986	20.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	103539	23.690	ug/l	98
67) Ethyl Benzene	11.51	91	500869	21.317	ug/l	99
68) m/p-Xylenes	11.63	106	359137	40.625	ug/l	97
69) o-Xylene	11.95	106	176328	20.720	ug/l	98
70) Styrene	11.97	104	283525	20.508	ug/l	99
71) Bromoform	12.13	173	67474	22.724	ug/l #	99
73) Isopropylbenzene	12.25	105	478697	20.953	ug/l	99
74) N-amyl acetate	12.07	43	197258	21.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	149702	22.160	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	193649	34.296	ug/l #	100
77) Bromobenzene	12.53	156	114074	21.295	ug/l	99
78) n-propylbenzene	12.60	91	558711	21.707	ug/l	100
79) 2-Chlorotoluene	12.68	91	332341	20.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	401450	20.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42228	22.714	ug/l	99
82) 4-Chlorotoluene	12.78	91	338118	20.858	ug/l	100
83) tert-Butylbenzene	13.00	119	347663	21.544	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	405853	21.182	ug/l	99
85) sec-Butylbenzene	13.18	105	456358	21.486	ug/l	99
86) p-Isopropyltoluene	13.30	119	409436	21.899	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	203370	20.937	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	199415	20.635	ug/l	99
89) n-Butylbenzene	13.62	91	359951	21.254	ug/l	100
90) Hexachloroethane	13.88	117	66947	23.832	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	201037	21.541	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	29749	24.972	ug/l	97

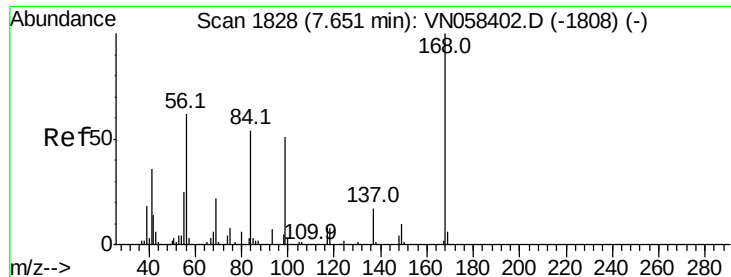
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	115198	22.337	ug/l	100
94) Hexachlorobutadiene	15.02	225	56498	21.314	ug/l	98
95) Naphthalene	15.13	128	318065	21.042	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	109857	21.232	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

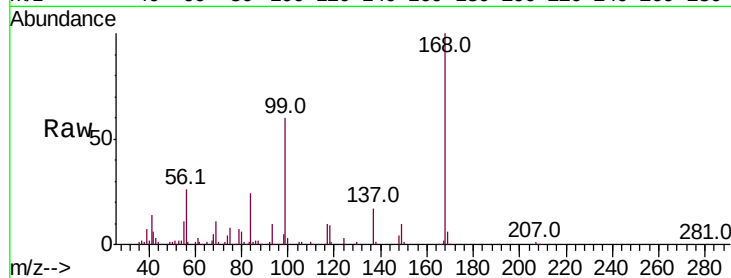
ClientSampled :

Tot Ion:168 Resp: 434994

Ion Ratio Lower Upper

168 100

99 59.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

100000

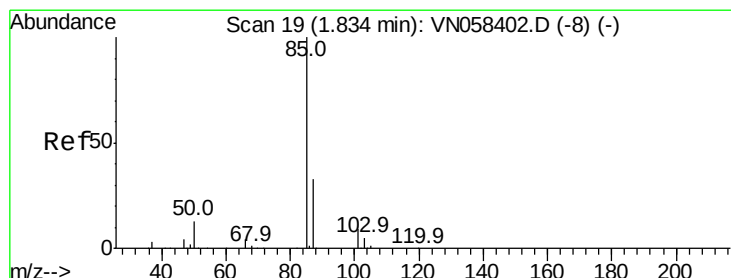
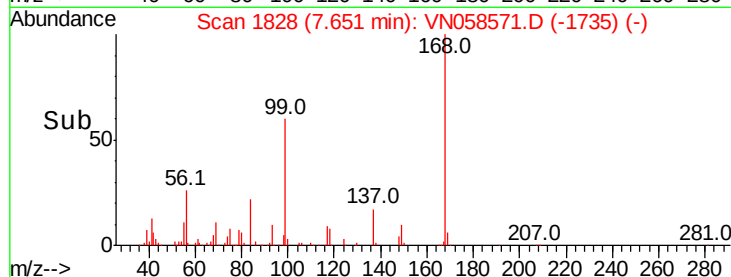
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.003 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058571.D

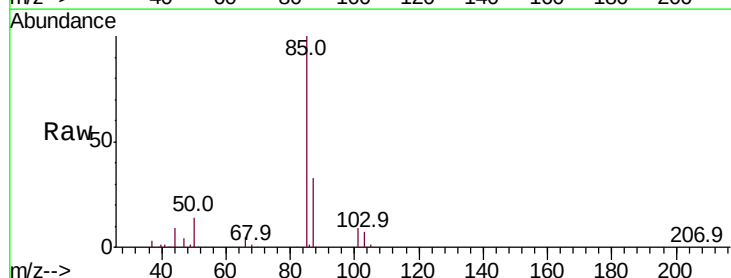
Acq: 7 Oct 2019 17:08

Tgt Ion: 85 Resp: 90637

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

40000

20000

0

1.75

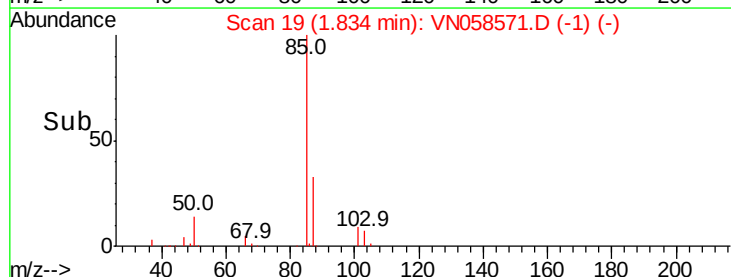
1.80

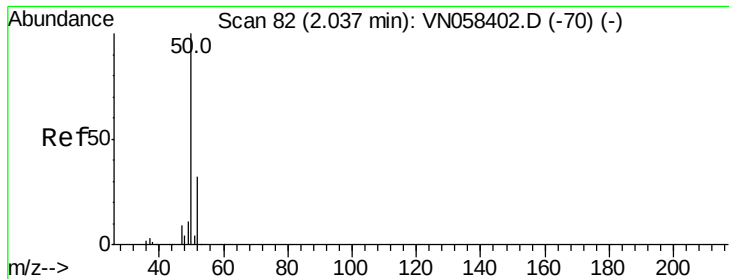
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 23.427 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

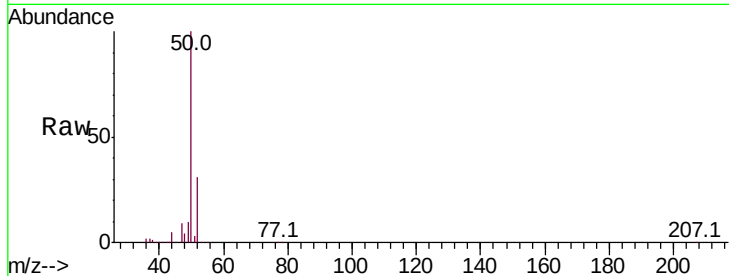
ClientSampled :

Tot Ion: 50 Resp: 122847

Ion Ratio Lower Upper

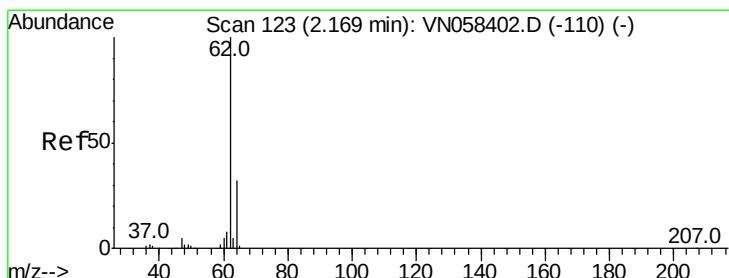
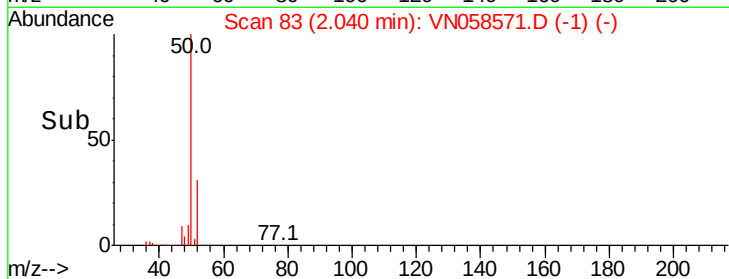
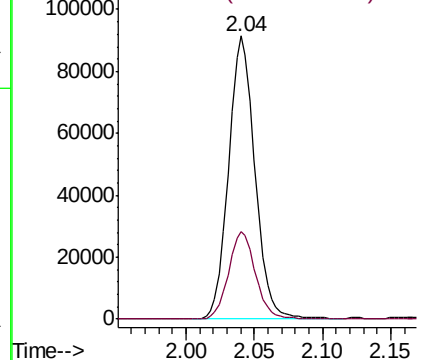
50 100

52 31.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 21.991 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058571.D

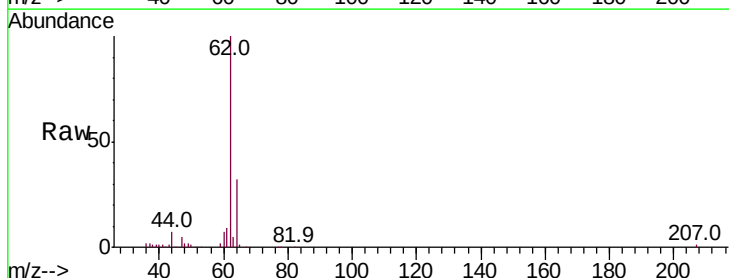
Acq: 7 Oct 2019 17:08

Tgt Ion: 62 Resp: 112963

Ion Ratio Lower Upper

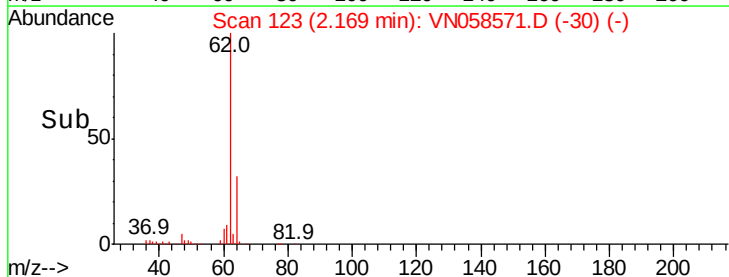
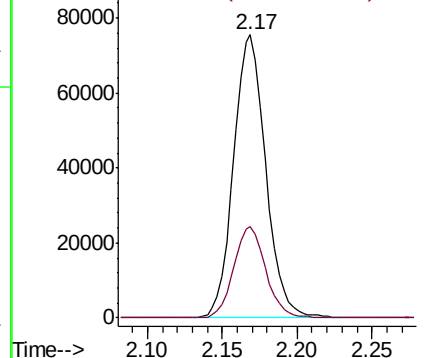
62 100

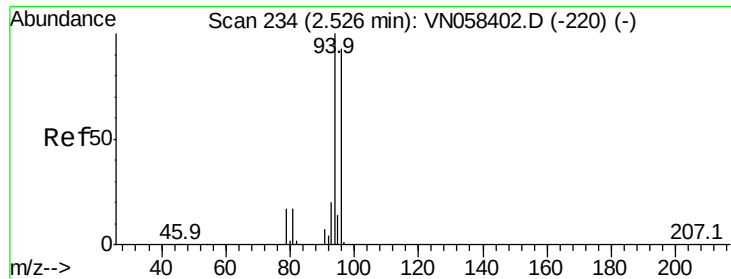
64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.325 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

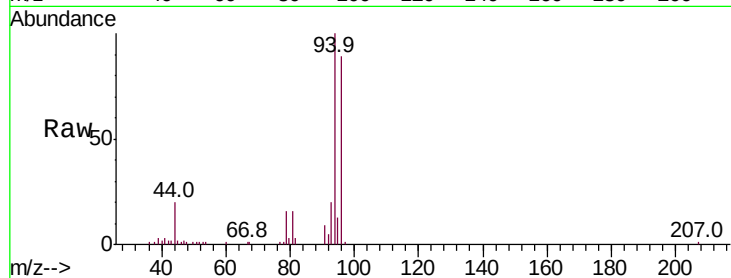
ClientSampled :

Tot Ion: 94 Resp: 55457

Ion Ratio Lower Upper

94 100

96 88.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

30000

25000

20000

15000

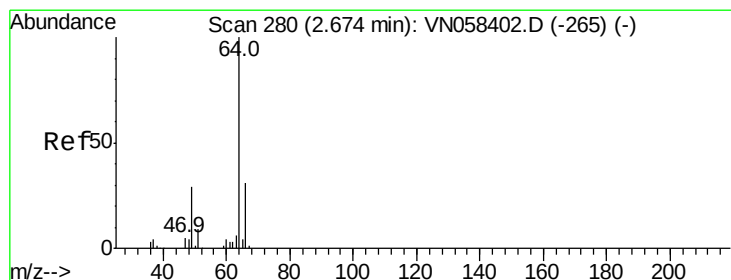
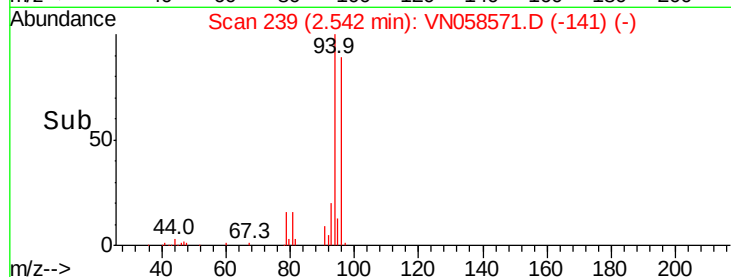
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 22.771 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN058571.D

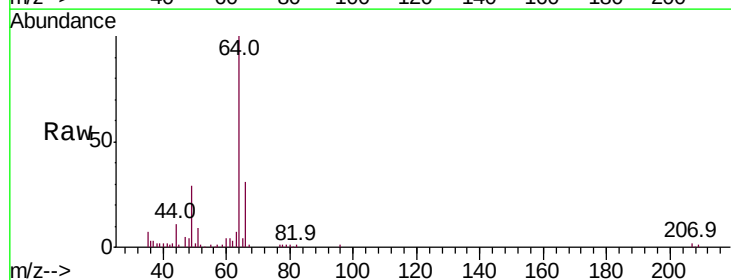
Acq: 7 Oct 2019 17:08

Tgt Ion: 64 Resp: 70085

Ion Ratio Lower Upper

64 100

66 30.0 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

40000

30000

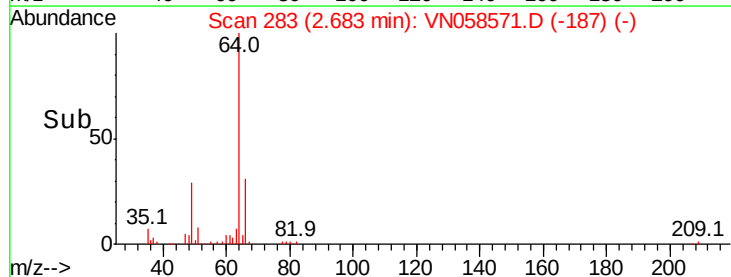
20000

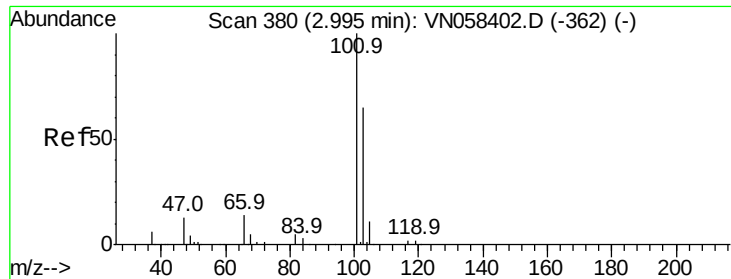
10000

0

Time-->

2.60 2.70 2.80



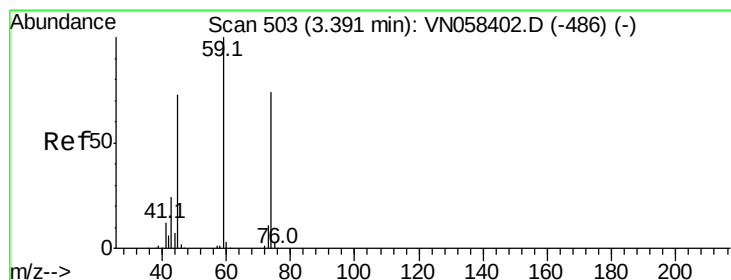
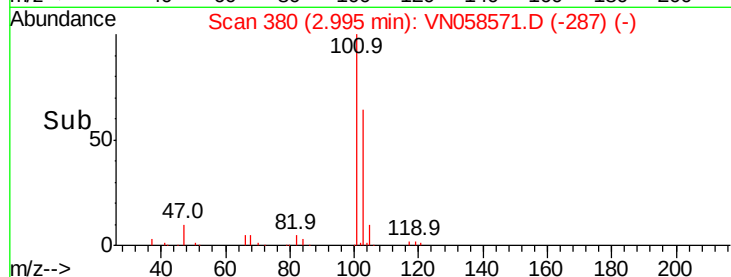
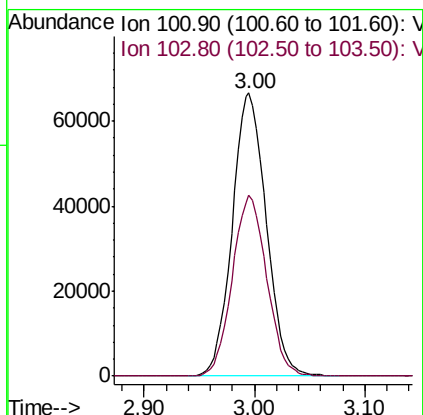
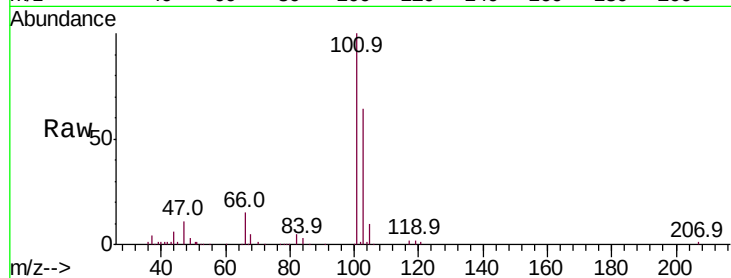


#7

Trichlorofluoromethane
Concen: 22.926 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampleId :

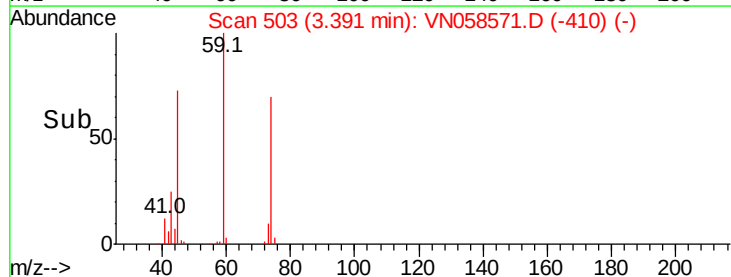
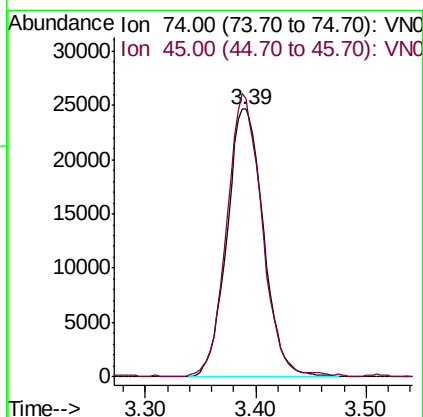
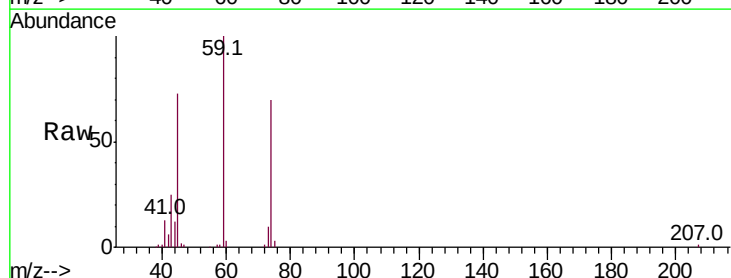
Tot Ion:101 Resp: 142119
Ion Ratio Lower Upper
101 100
103 63.7 52.3 78.5

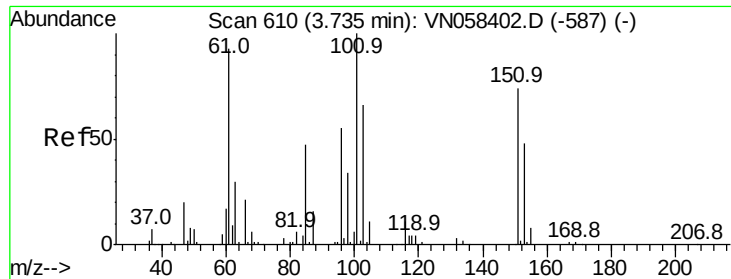


#8

Diethyl Ether
Concen: 21.114 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 74 Resp: 56471
Ion Ratio Lower Upper
74 100
45 101.6 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.658 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

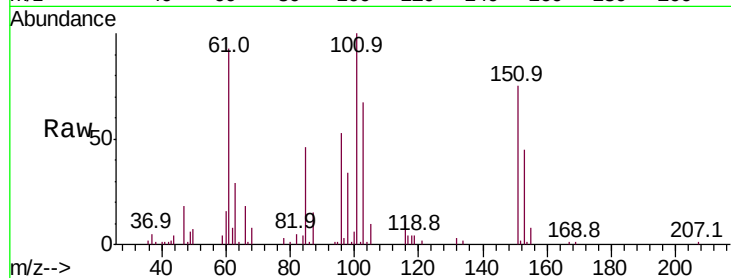
Tot Ion:101 Resp: 86968

Ion Ratio Lower Upper

101 100

85 45.5 36.7 55.1

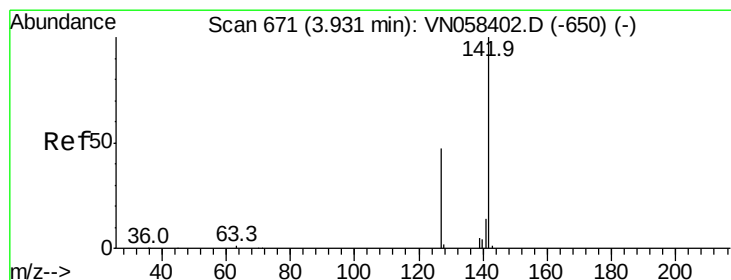
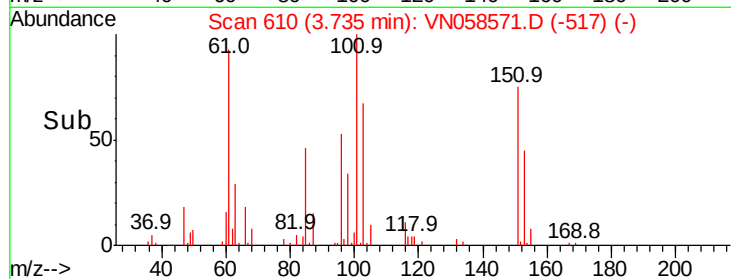
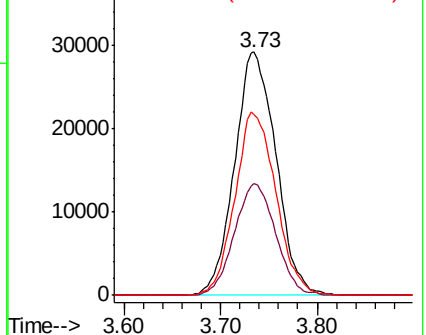
151 74.4 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.214 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

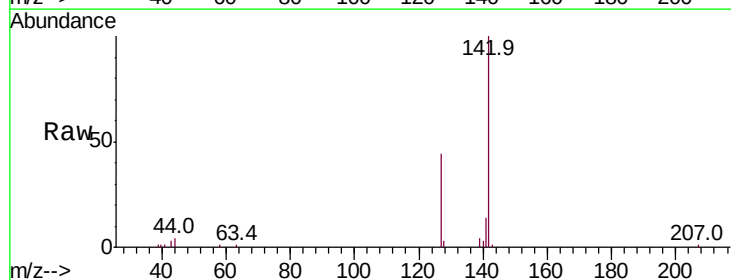
Tgt Ion:142 Resp: 75687

Ion Ratio Lower Upper

142 100

127 46.2 37.2 55.8

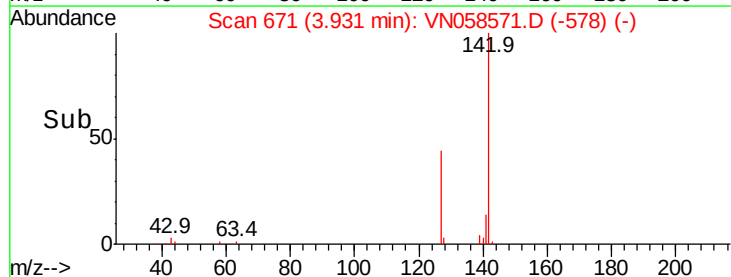
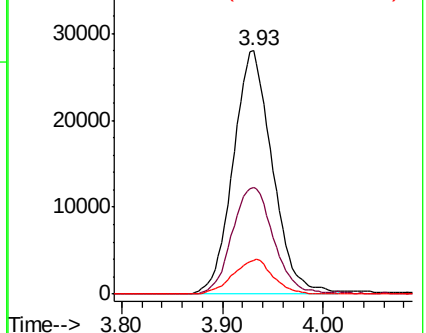
141 14.5 11.3 16.9

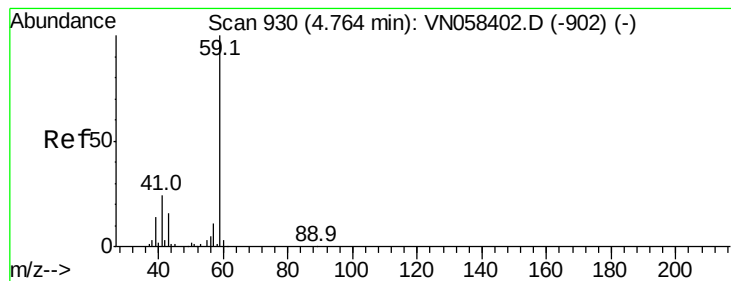


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



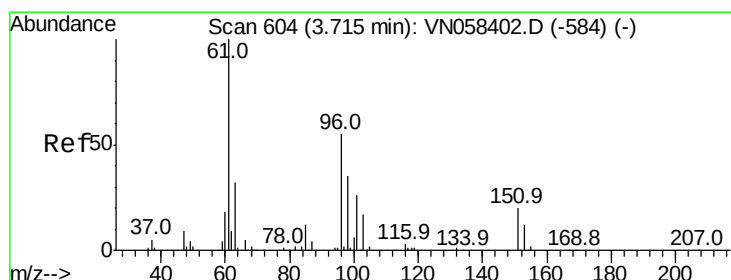
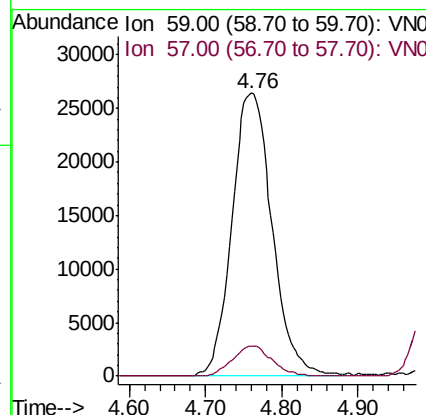
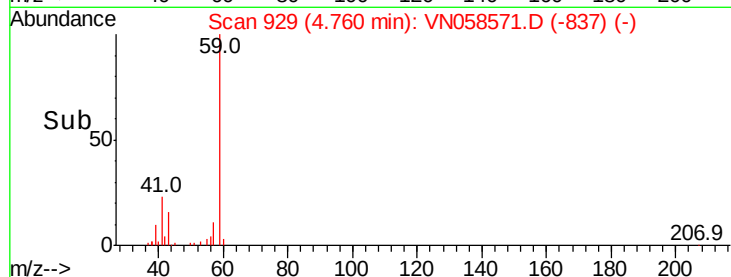
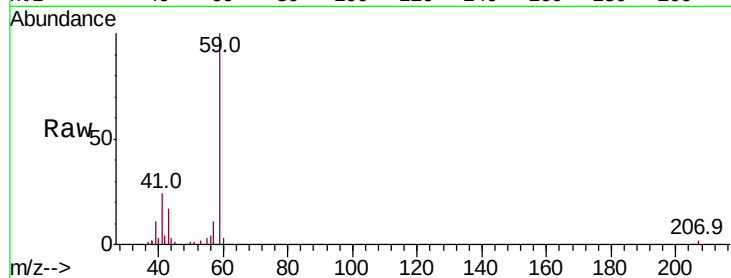


#11

Tert butyl alcohol
 Concen: 137.374 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Instrument :
 MSVOA_N
 ClientSampled :

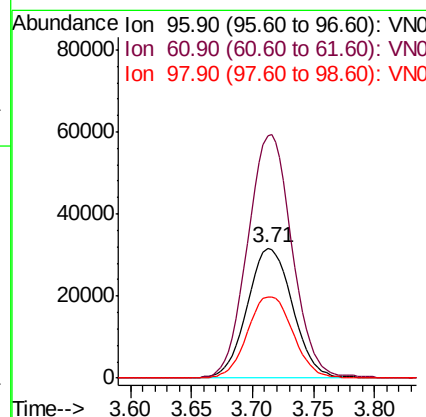
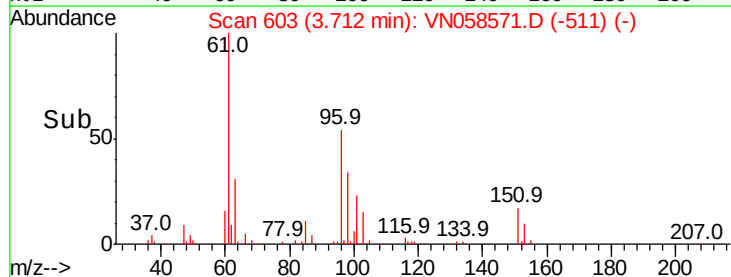
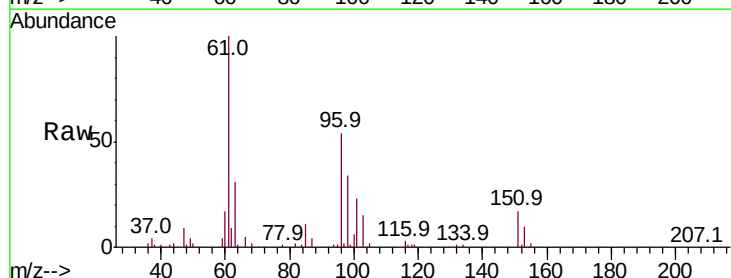
Tot Ion: 59 Resp: 97011
 Ion Ratio Lower Upper
 59 100
 57 10.4 9.0 13.4

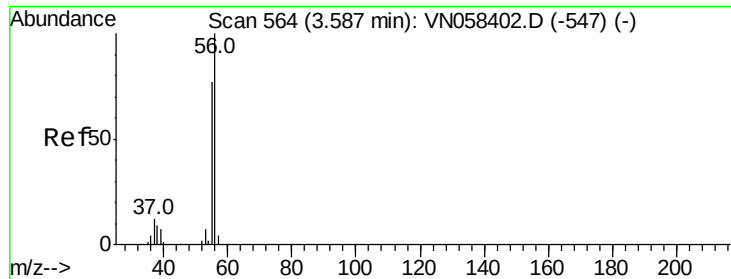


#12

1,1-Dichloroethene
 Concen: 19.888 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Tgt Ion: 96 Resp: 81610
 Ion Ratio Lower Upper
 96 100
 61 186.4 146.7 220.1
 98 62.6 51.3 76.9





#13

Acrolein

Concen: 116.167 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

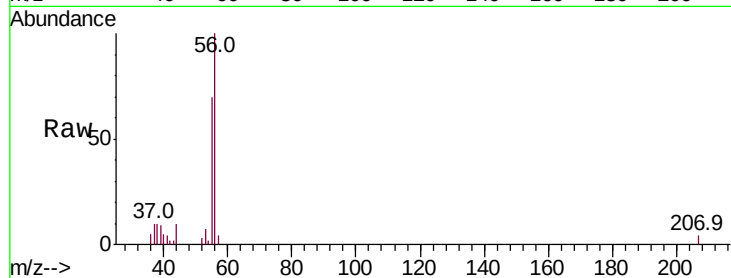
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 26092

Ion Ratio Lower Upper

56 100

55 74.2 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12000

10000

8000

6000

4000

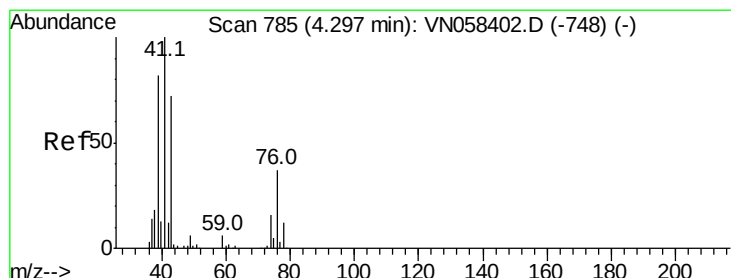
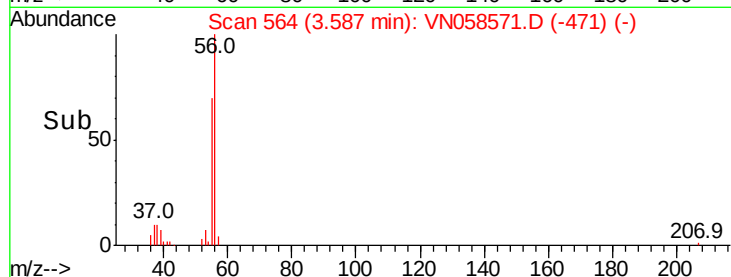
2000

0

Time-->

3.50 3.55 3.60 3.65

3.59



#14

Allyl chloride

Concen: 21.983 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

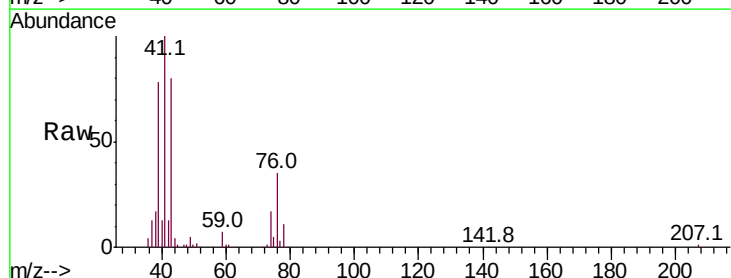
Tgt Ion: 41 Resp: 164162

Ion Ratio Lower Upper

41 100

39 72.7 62.3 93.5

76 31.9 26.9 40.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

60000

40000

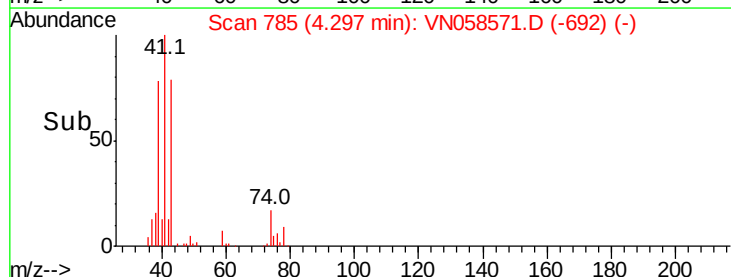
20000

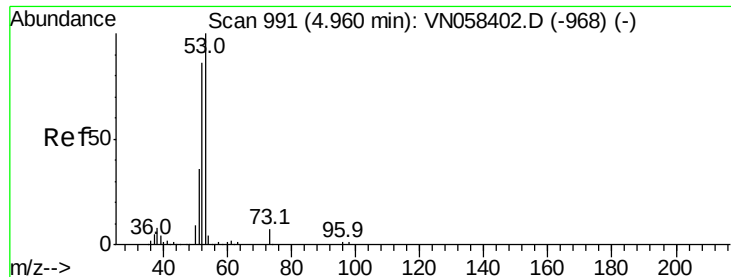
0

Time-->

4.10 4.20 4.30 4.40

4.30





#15

Acrylonitrile

Concen: 117.993 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

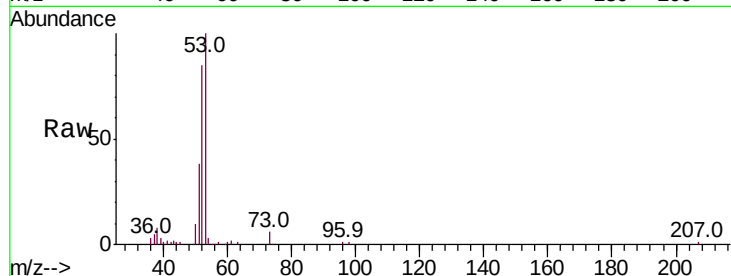
Tot Ion: 53 Resp: 242844

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

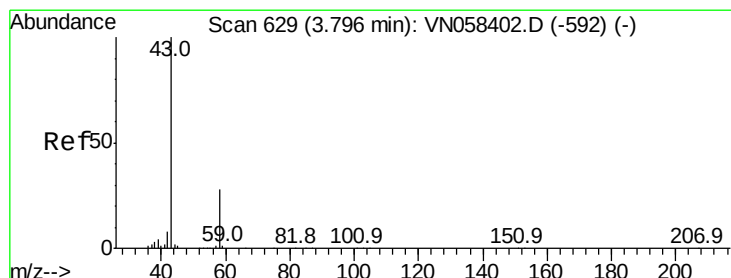
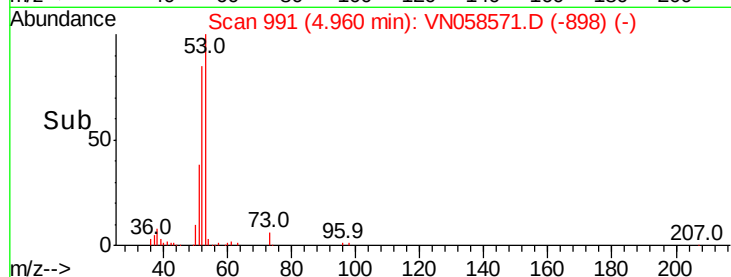
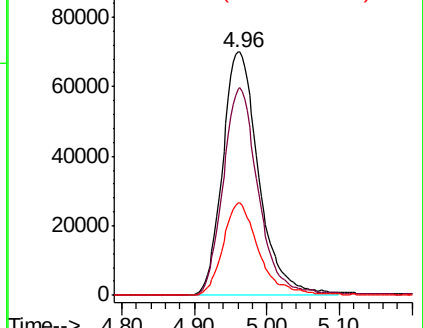
51 37.6 29.8 44.8



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: 115.504 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058571.D

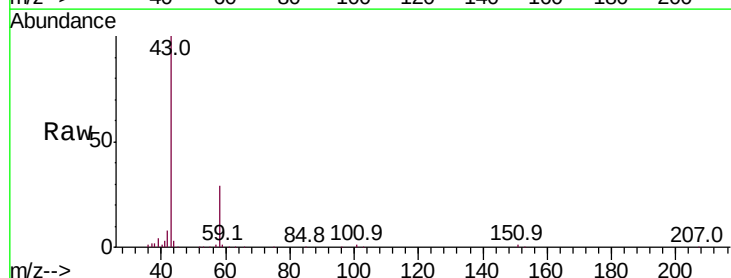
Acq: 7 Oct 2019 17:08

Tgt Ion: 43 Resp: 250292

Ion Ratio Lower Upper

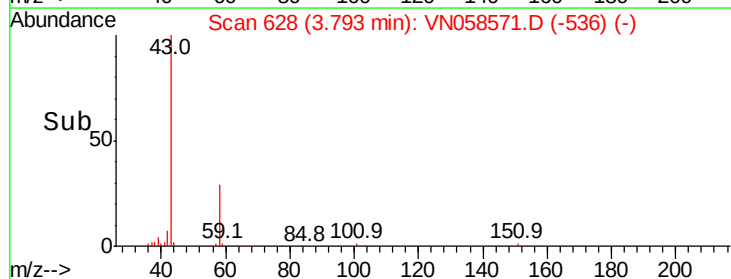
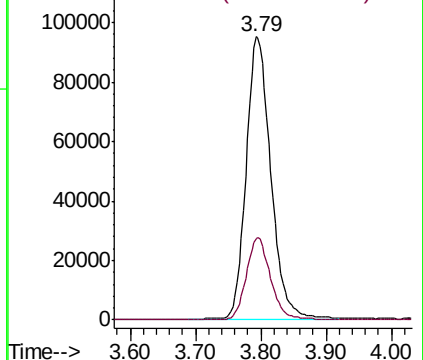
43 100

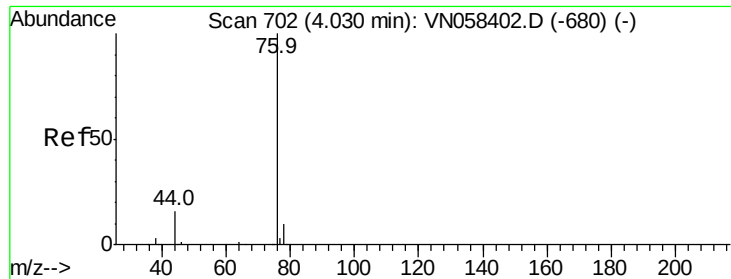
58 28.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

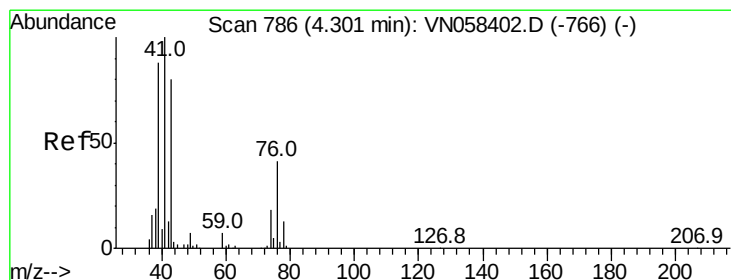
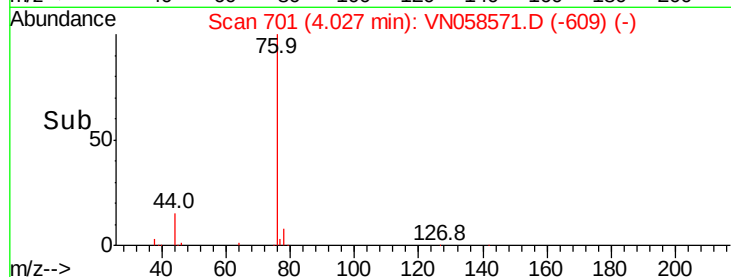
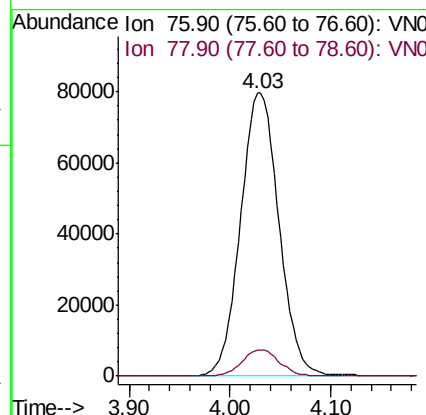
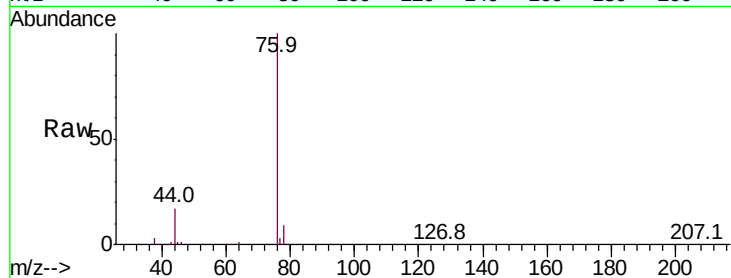




#17
Carbon Disulfide
Concen: 19.453 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

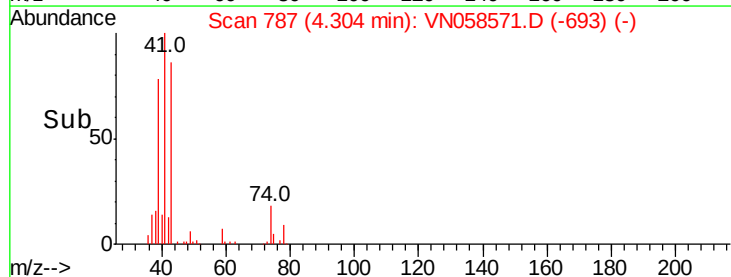
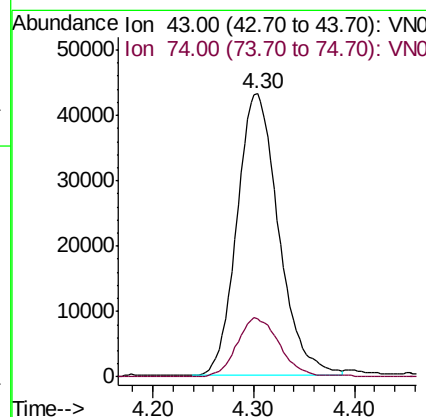
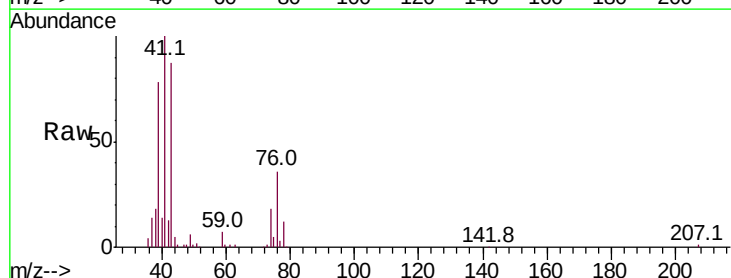
Instrument :
MSVOA_N
ClientSampled :

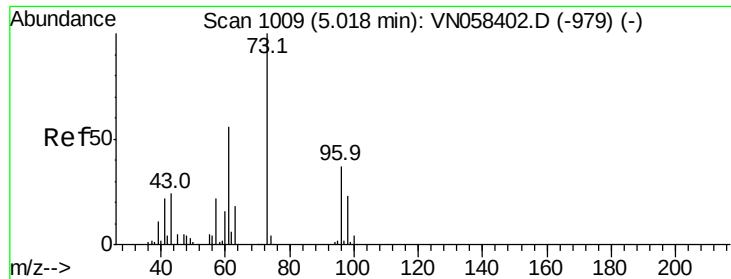
Tot Ion: 76 Resp: 210419
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 22.714 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 43 Resp: 123796
Ion Ratio Lower Upper
43 100
74 21.2 18.0 27.0

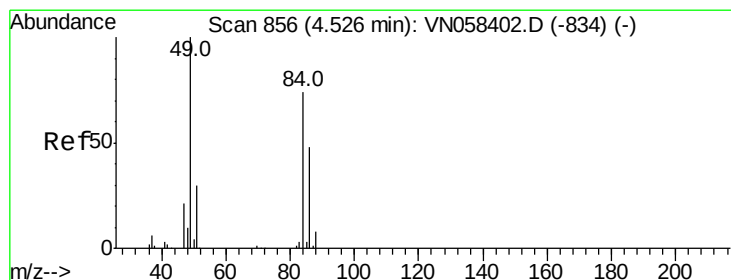
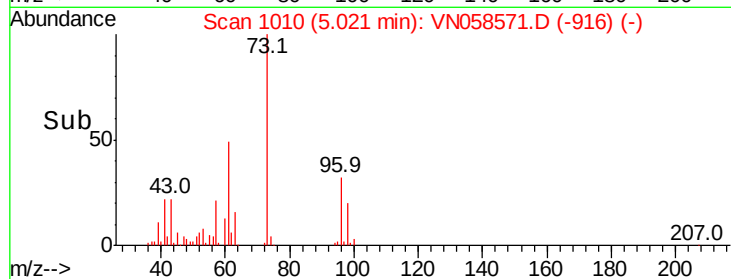
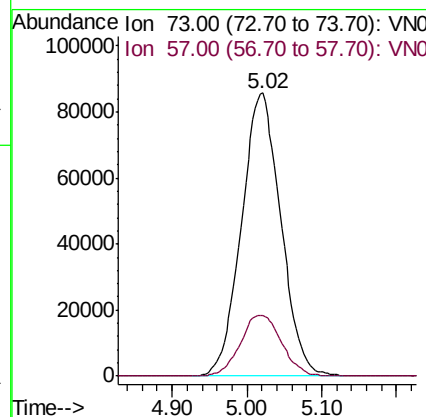
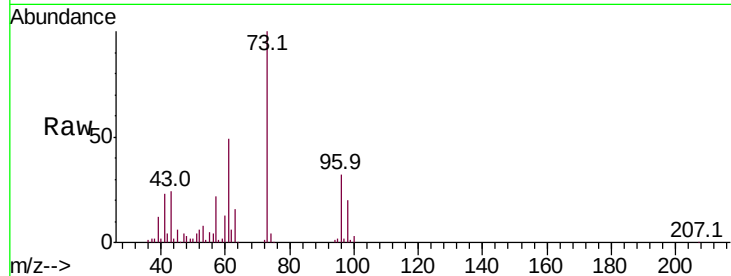




#19
Methvl tert-butvl Ether
Concen: 21.661 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

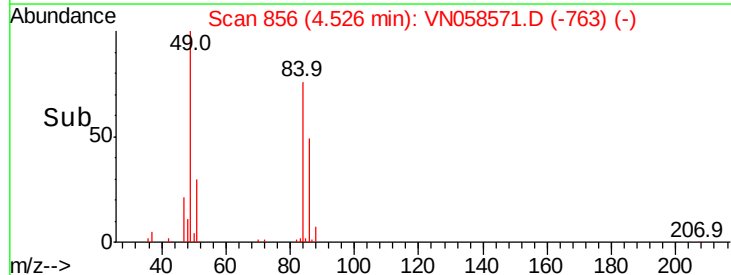
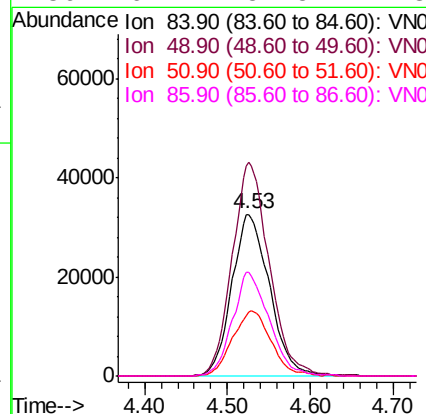
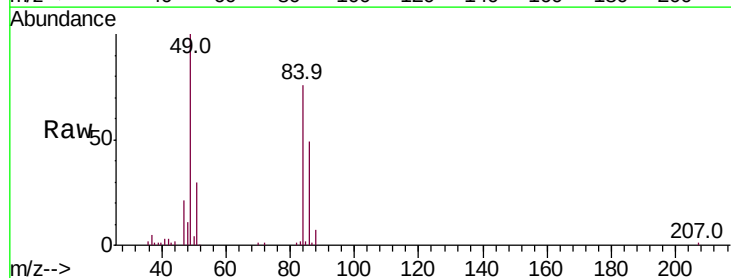
Instrument :
MSVOA_N
ClientSampleId :

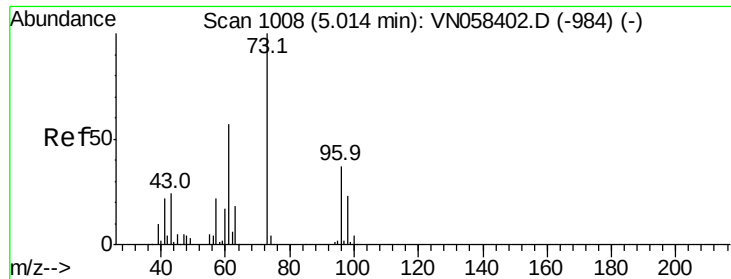
Tot Ion: 73 Resp: 313628
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4



#20
Methylene Chloride
Concen: 20.607 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 84 Resp: 103048
Ion Ratio Lower Upper
84 100
49 132.1 107.9 161.9
51 39.3 32.8 49.2
86 64.2 51.5 77.3

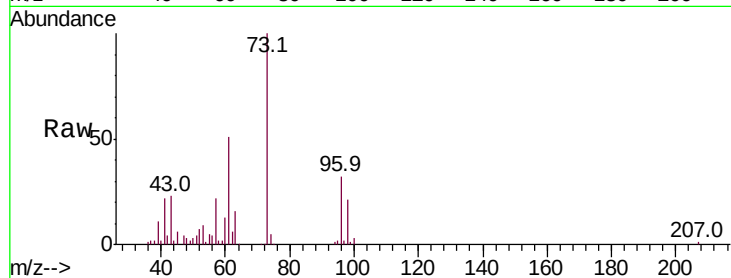




#21
trans-1,2-Dichloroethene
Concen: 19.874 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.5	121.9	182.9
98	63.4	49.3	73.9

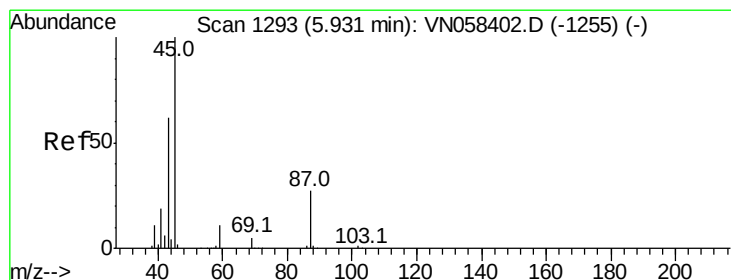
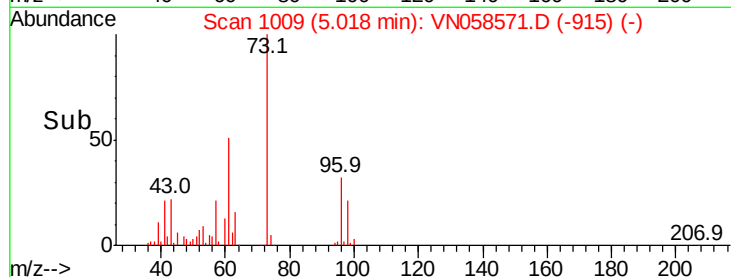
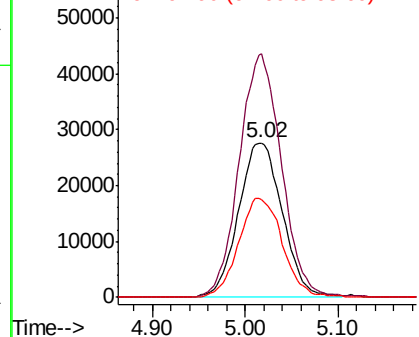


Abundance

Ion 95.90 (95.60 to 96.60): VNO

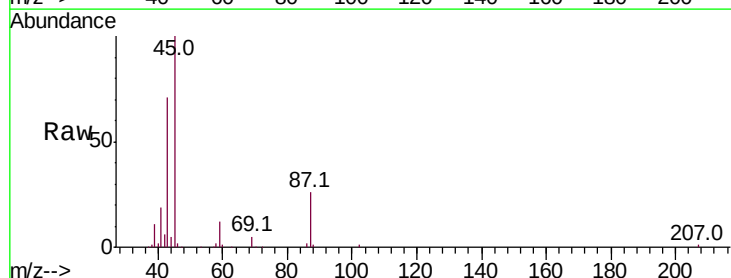
Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22
Diisopropyl ether
Concen: 21.371 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.0	49.7	74.5
87	25.9	21.5	32.3
59	11.5	8.9	13.3



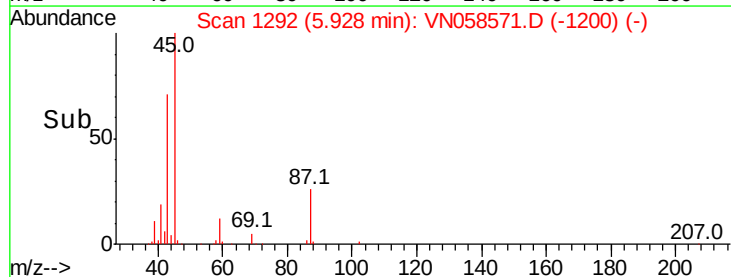
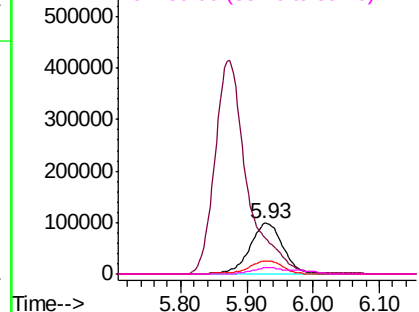
Abundance

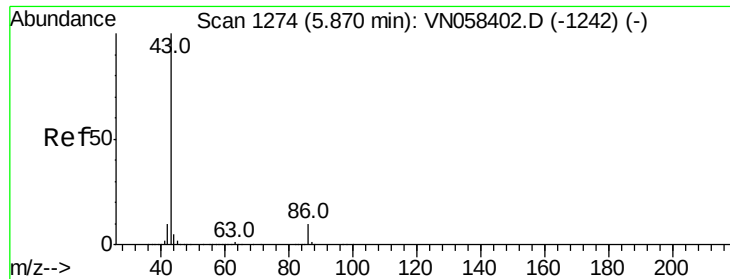
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO

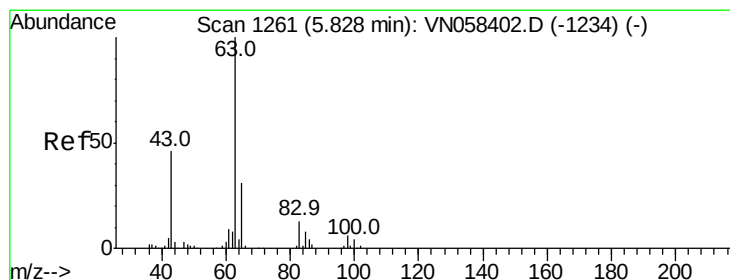
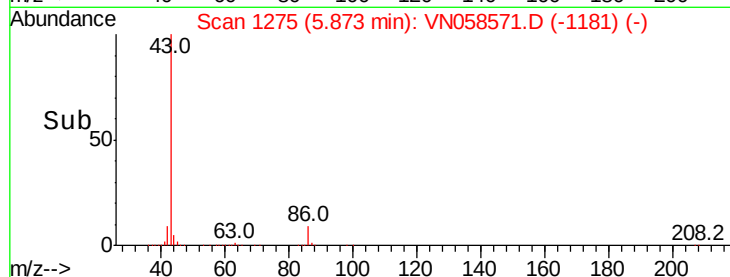
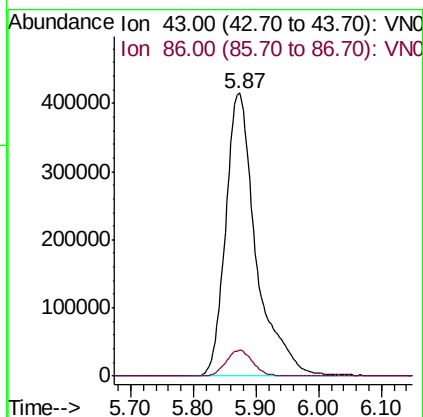
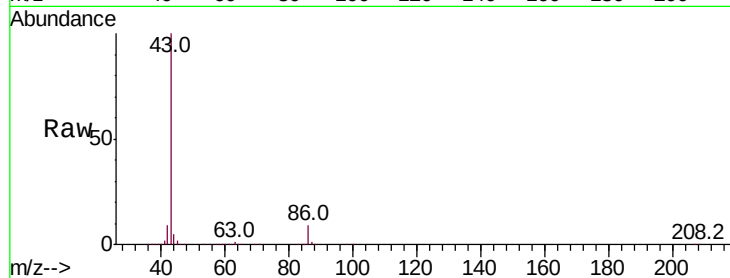




#23
 Vinyl Acetate
 Concen: 115.641 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

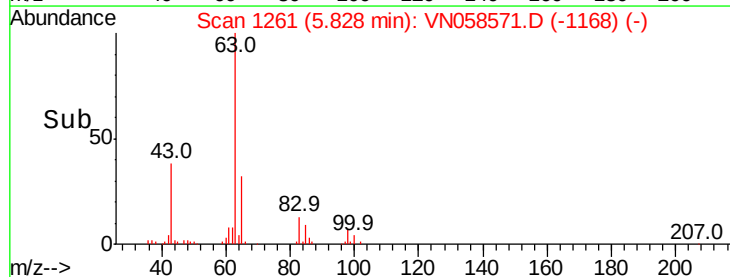
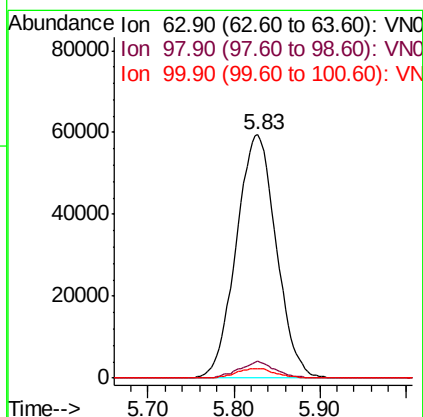
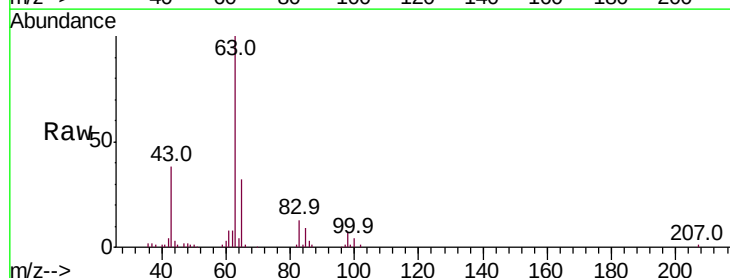
Instrument :
 MSVOA_N
 ClientSampleId :

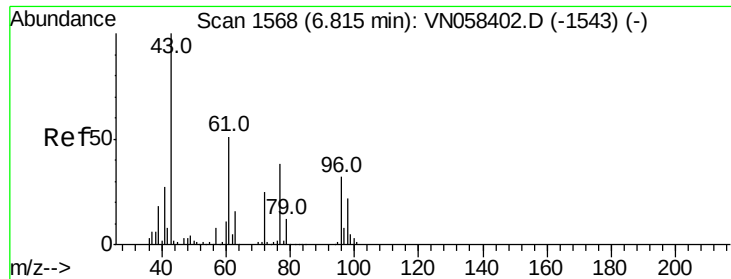
Tot Ion: 43 Resp: 1401224
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 21.243 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Tgt Ion: 63 Resp: 192124
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.0 9.0
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 113.301 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

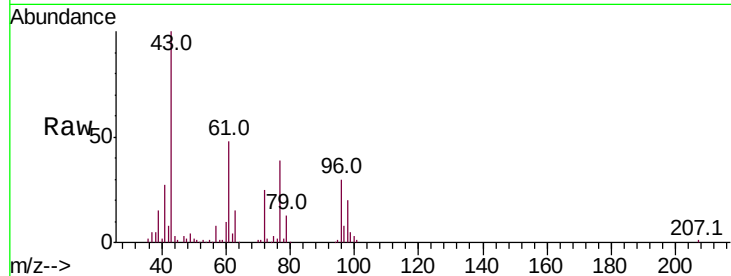
ClientSampled :

Tot Ion: 43 Resp: 337087

Ion Ratio Lower Upper

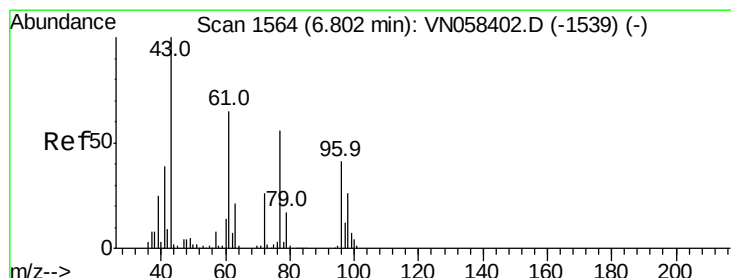
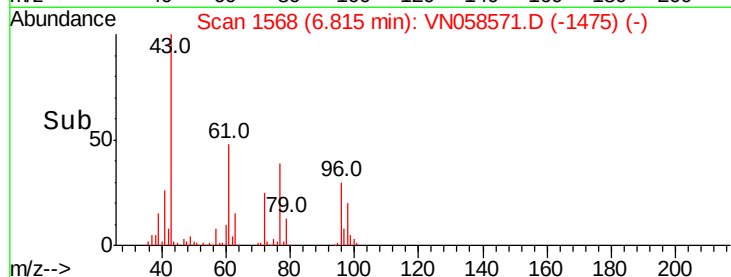
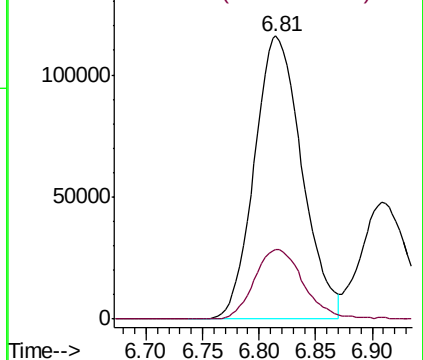
43 100

72 24.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 22.950 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN058571.D

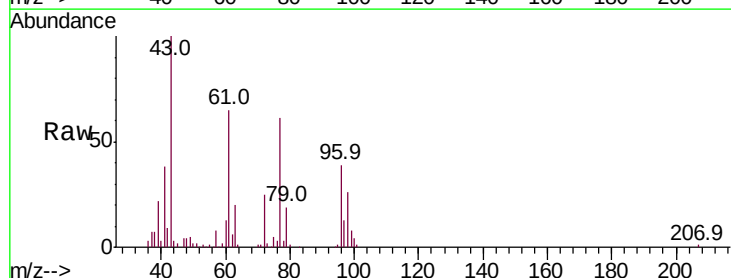
Acq: 7 Oct 2019 17:08

Tgt Ion: 77 Resp: 170638

Ion Ratio Lower Upper

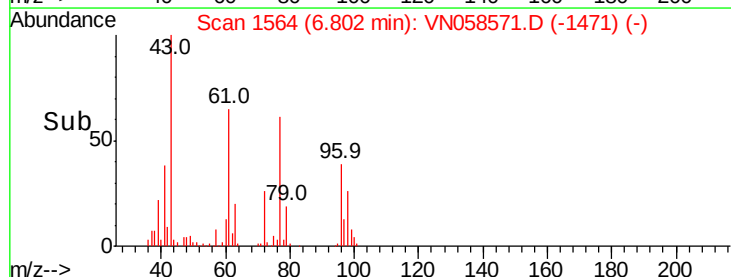
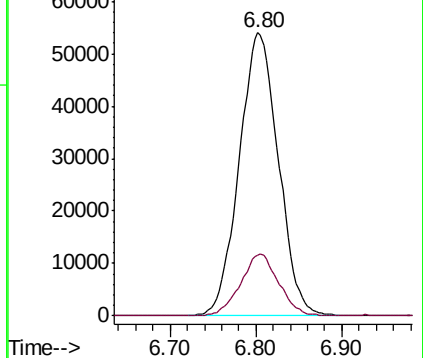
77 100

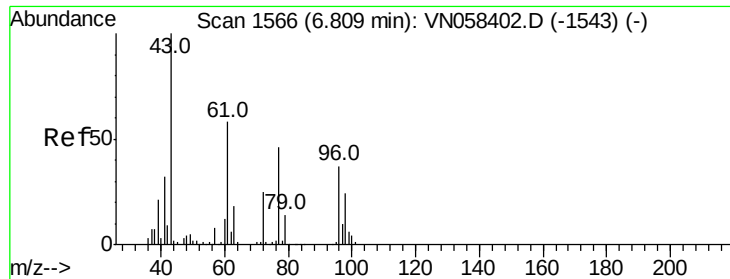
97 21.2 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.668 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

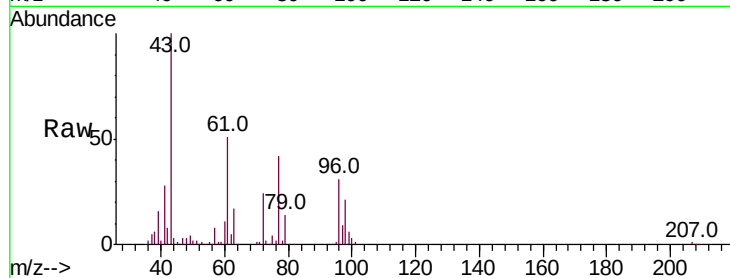
Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 110228

Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	318.8
98	64.0	0.0	129.8

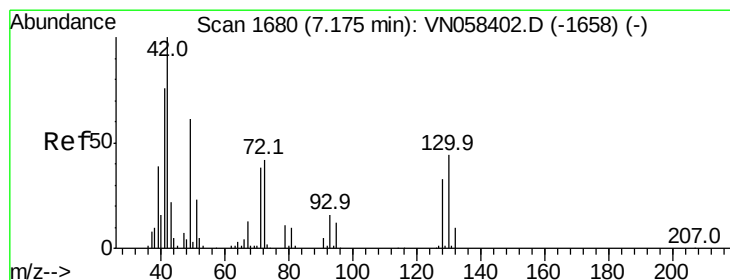
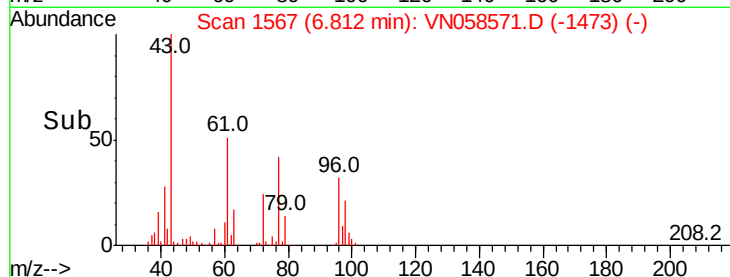
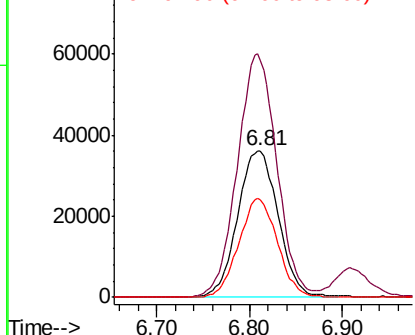


Abundance

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: 21.075 ug/l

RT: 7.18 min Scan# 1680

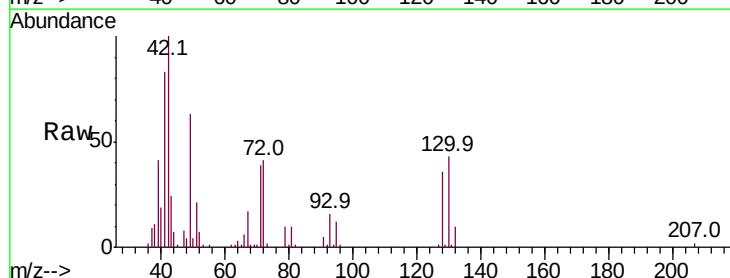
Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Tgt Ion: 49 Resp: 76191

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	68.3	56.3	84.5

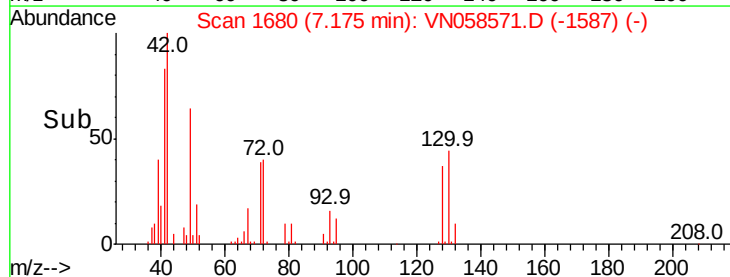
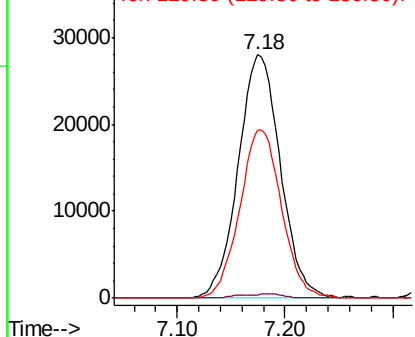


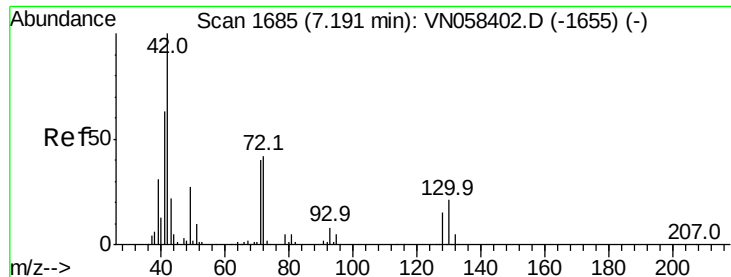
Abundance

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

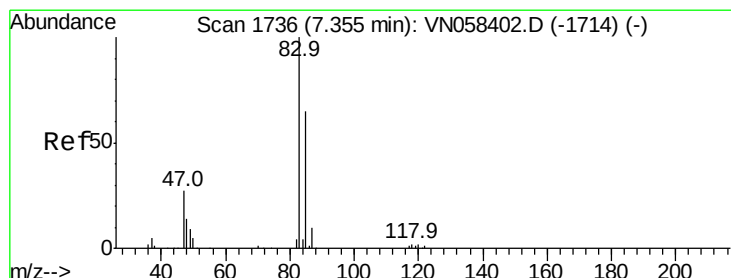
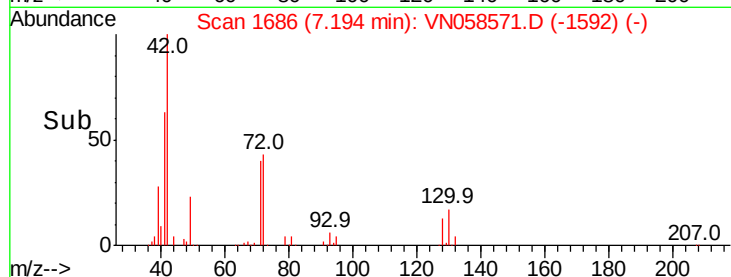
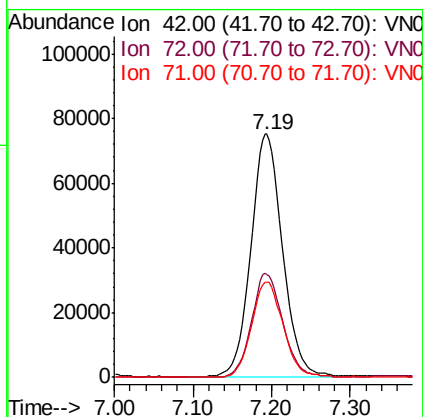
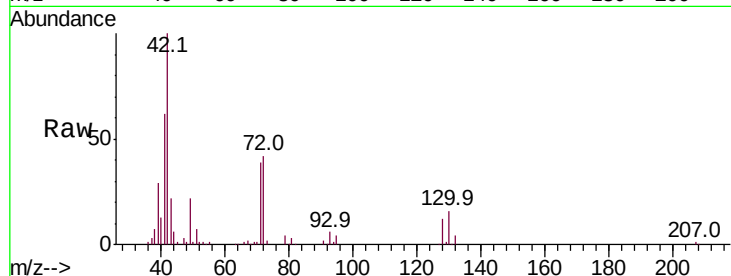




#29
Tetrahydrofuran
Concen: 114.035 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

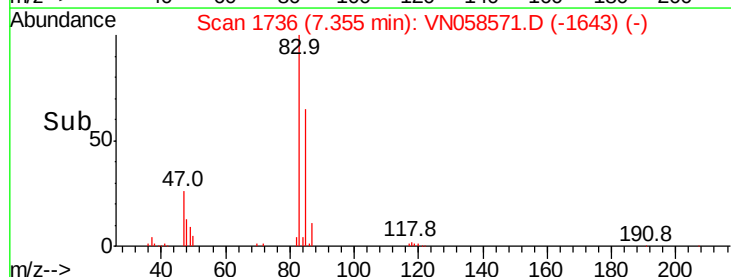
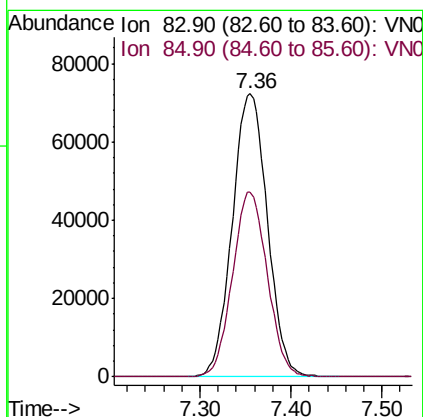
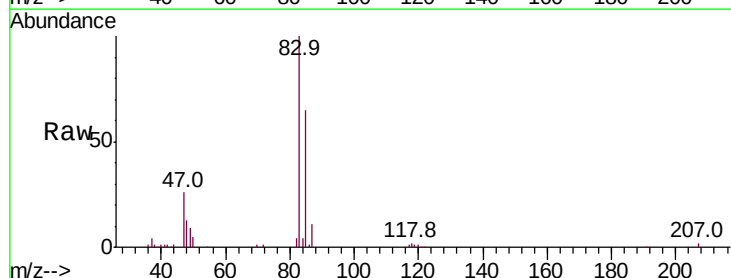
Instrument :
MSVOA_N
ClientSampled :

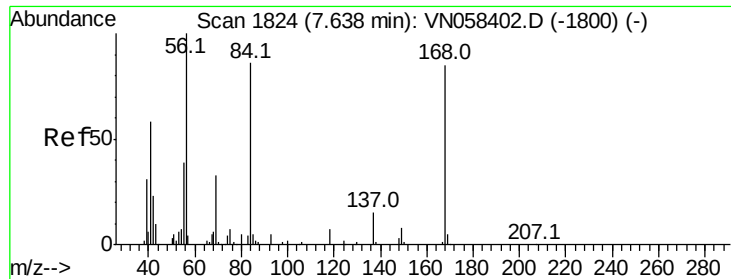
Tot Ion: 42 Resp: 215332
Ion Ratio Lower Upper
42 100
72 42.2 33.7 50.5
71 39.2 31.8 47.6



#30
Chloroform
Concen: 21.162 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 83 Resp: 193946
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0

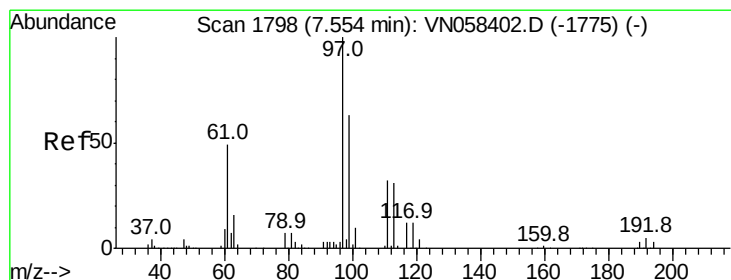
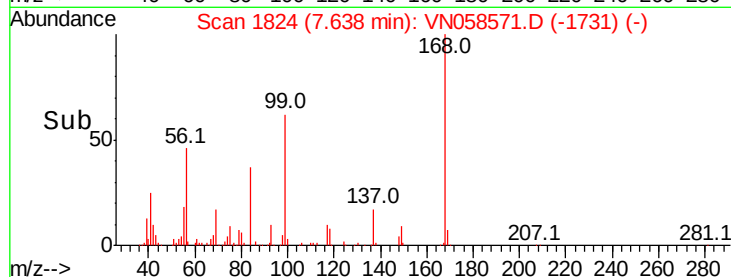
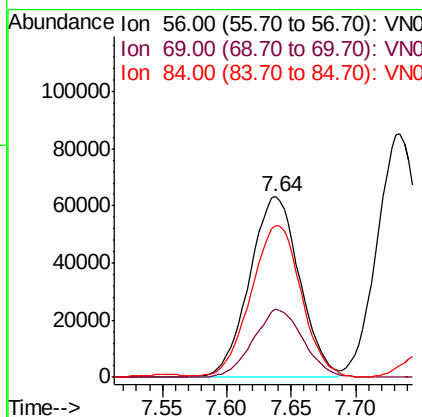
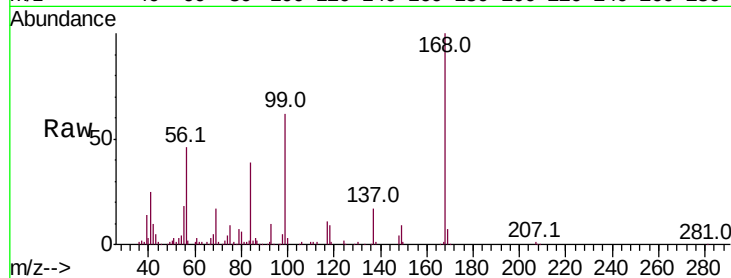




#31
Cyclohexane
Concen: 19.435 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

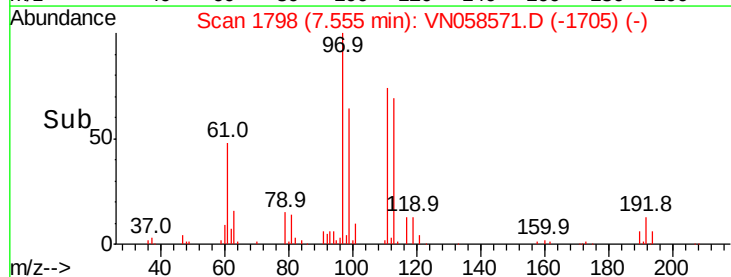
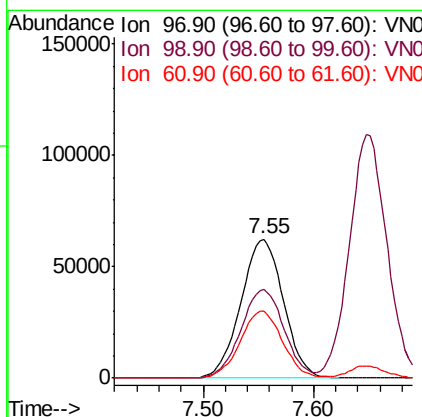
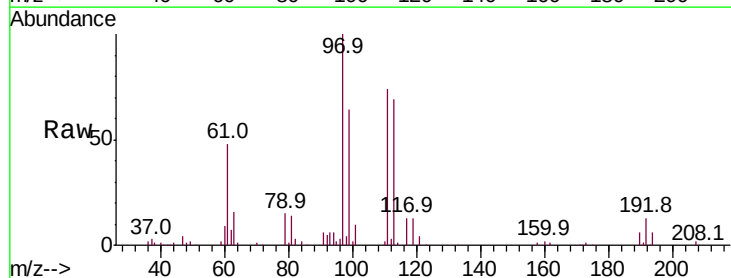
Instrument :
MSVOA_N
ClientSampled :

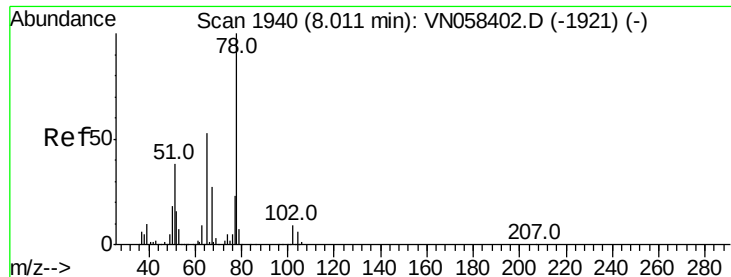
Tot Ion: 56 Resp: 170977
Ion Ratio Lower Upper
56 100
69 37.7 26.2 39.4
84 83.1 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 22.218 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 97 Resp: 167210
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 47.9 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 48.270 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

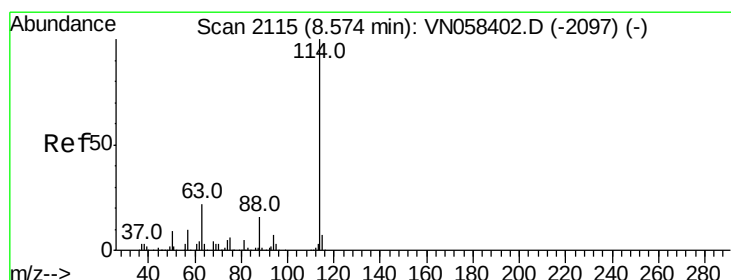
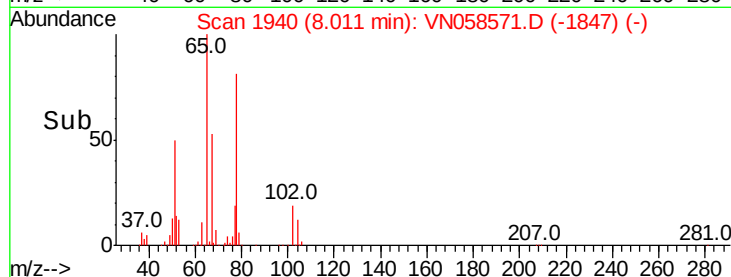
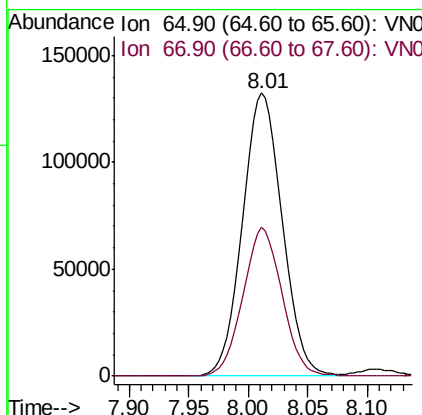
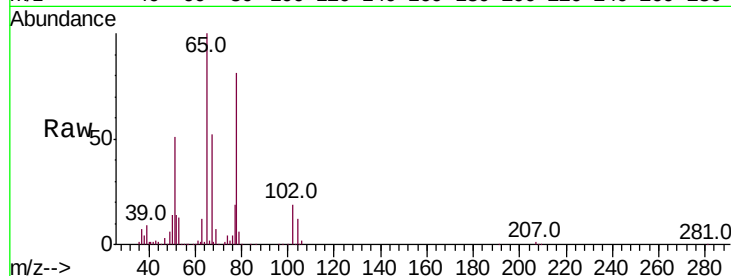
Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 306842

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

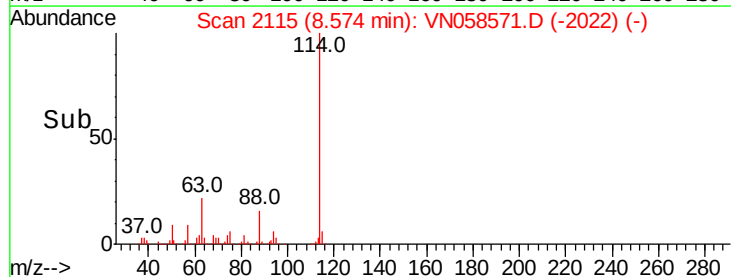
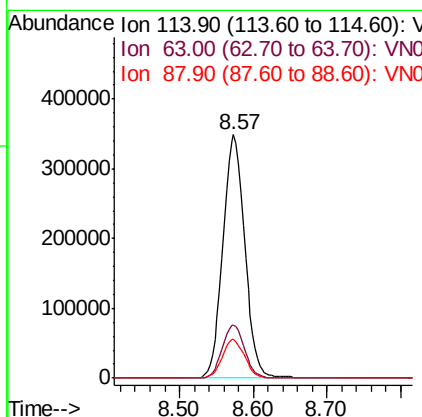
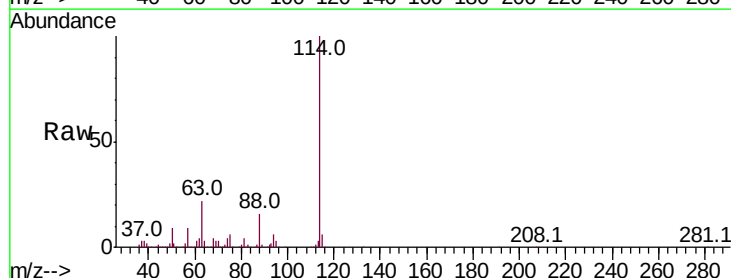
Delta R.T. 0.00 min

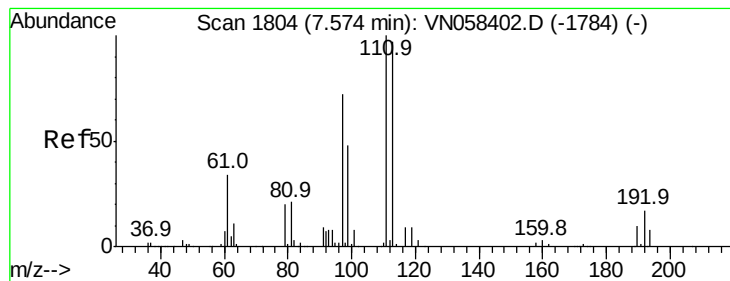
Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Tgt Ion: 114 Resp: 720795

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.0
88	16.0	0.0	32.2





#35

Dibromofluoromethane

Concen: 50.310 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampled :

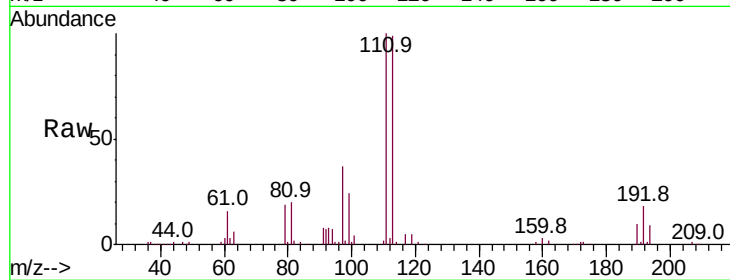
Tot Ion:113 Resp: 222254

Ion Ratio Lower Upper

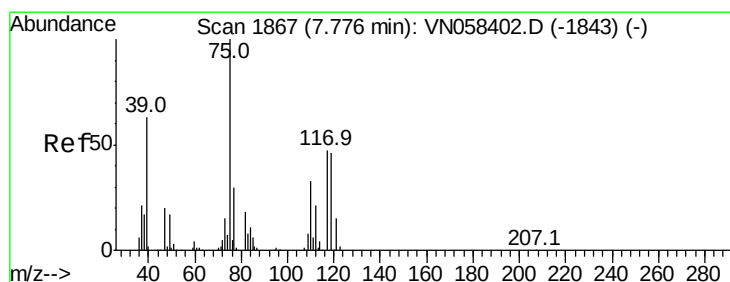
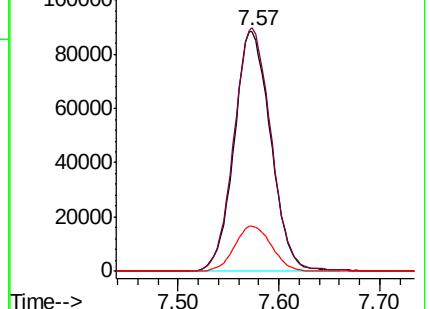
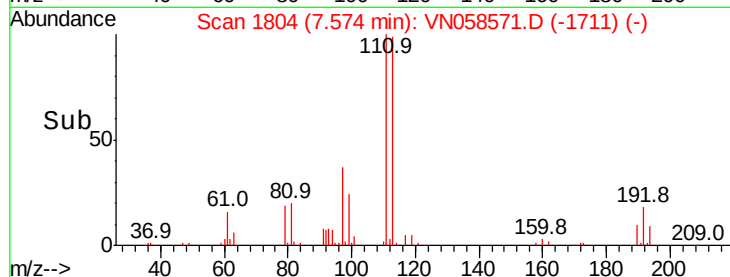
113 100

111 102.8 83.4 125.2

192 19.1 14.9 22.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.261 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

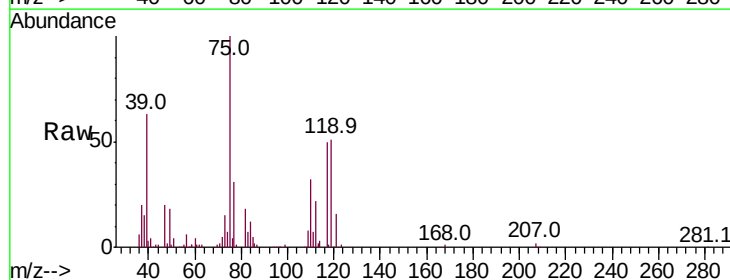
Tgt Ion: 75 Resp: 139646

Ion Ratio Lower Upper

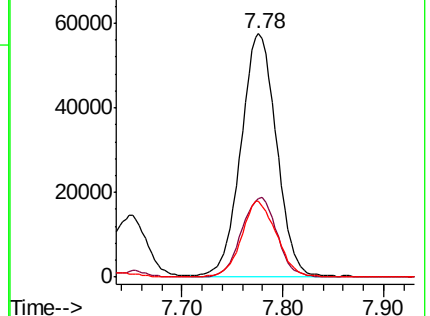
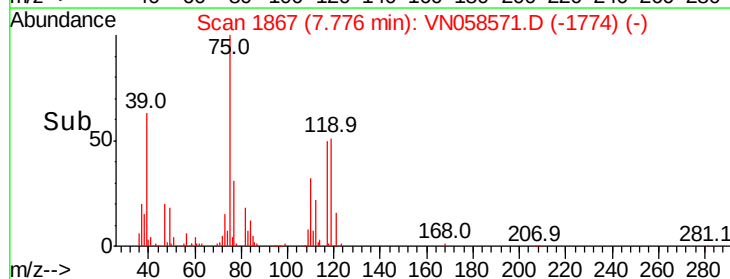
75 100

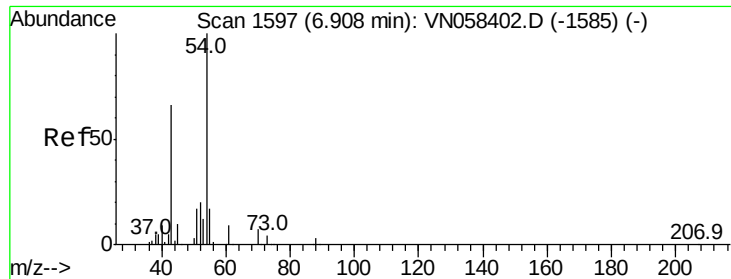
110 32.6 16.4 49.2

77 31.2 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

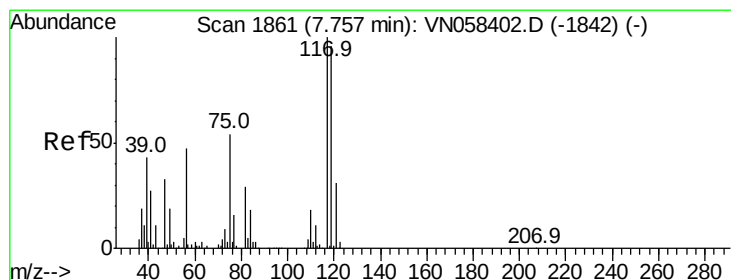
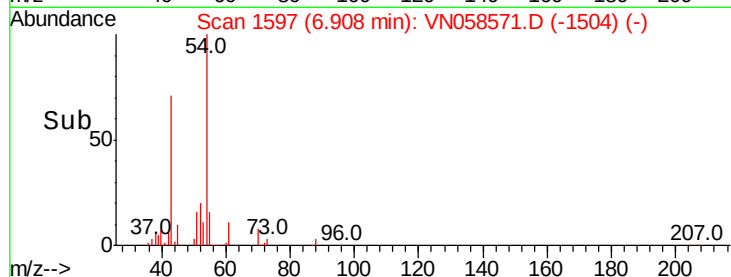
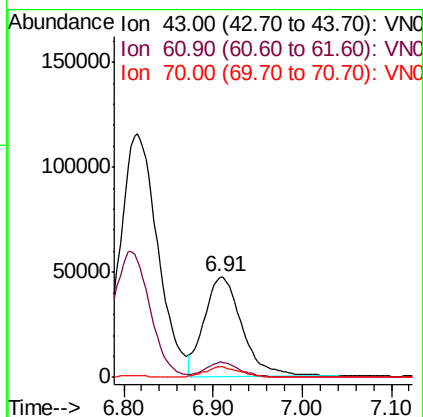
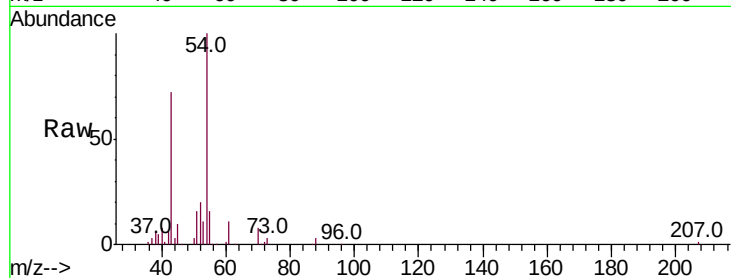




#37
Ethyl Acetate
Concen: 23.918 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

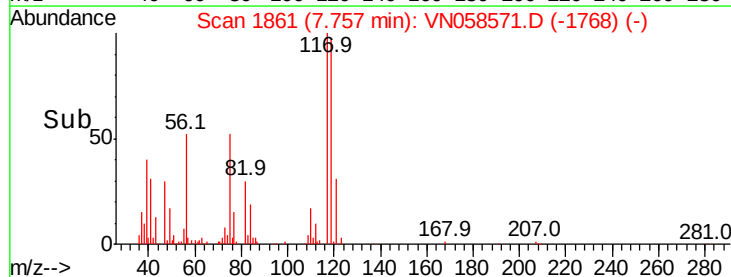
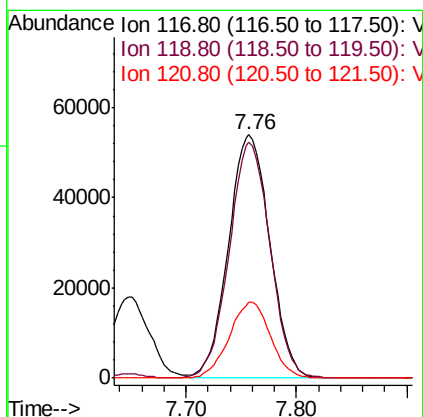
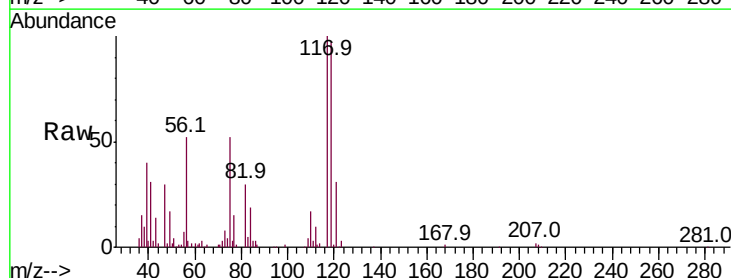
Instrument :
MSVOA_N
ClientSampleId :

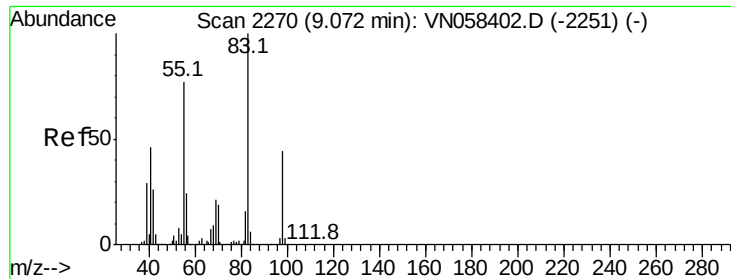
Tot Ion: 43 Resp: 139763
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 10.0 7.8 11.6



#38
Carbon Tetrachloride
Concen: 22.583 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 117 Resp: 140492
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0
121 31.0 24.7 37.1

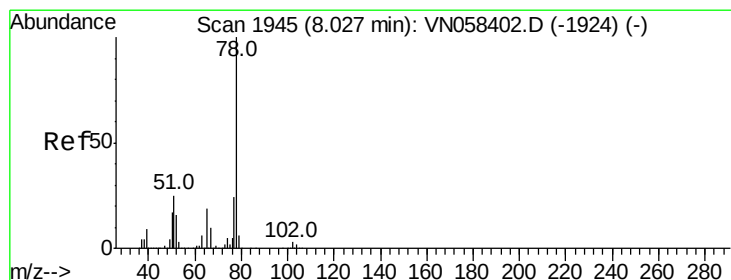
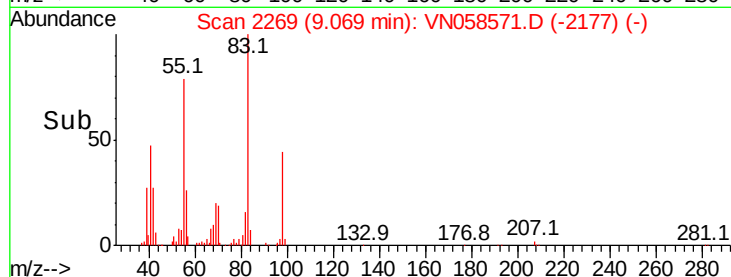
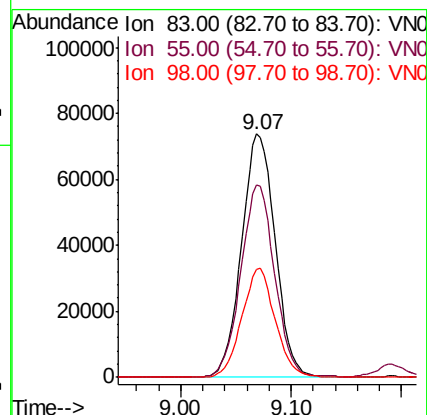
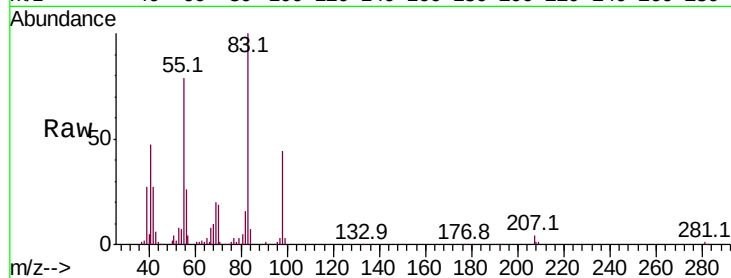




#39
Methylcyclohexane
Concen: 19.402 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

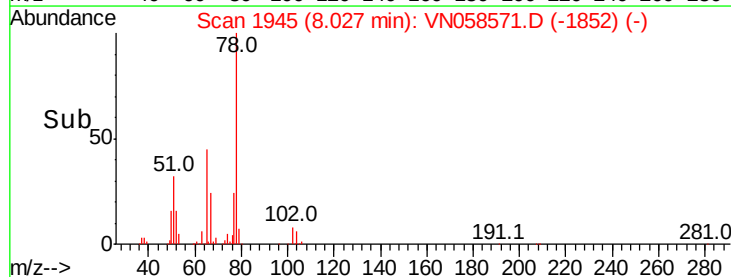
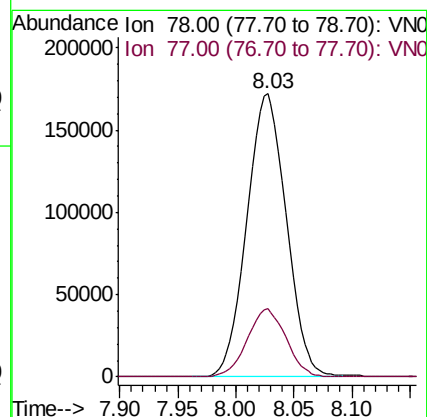
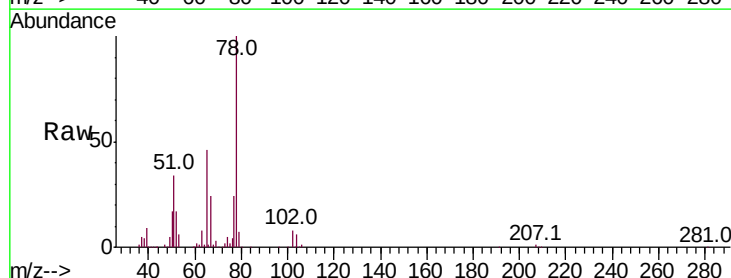
Instrument :
MSVOA_N
ClientSampleId :

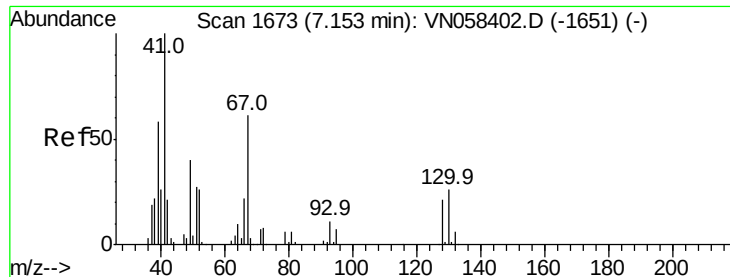
Tot Ion: 83 Resp: 156157
Ion Ratio Lower Upper
83 100
55 79.0 61.8 92.6
98 44.3 35.4 53.0



#40
Benzene
Concen: 20.628 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 78 Resp: 408672
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

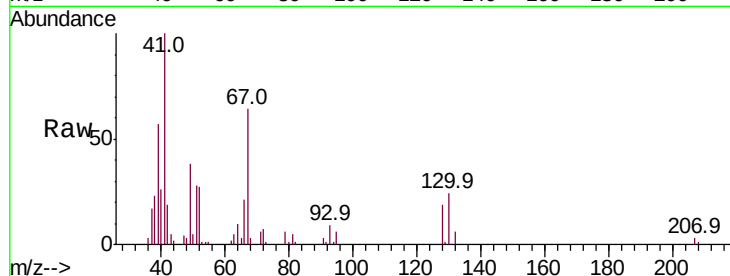




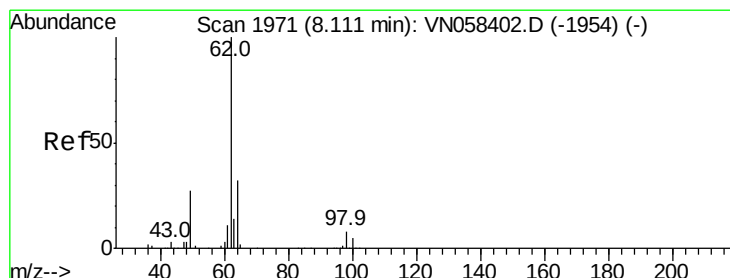
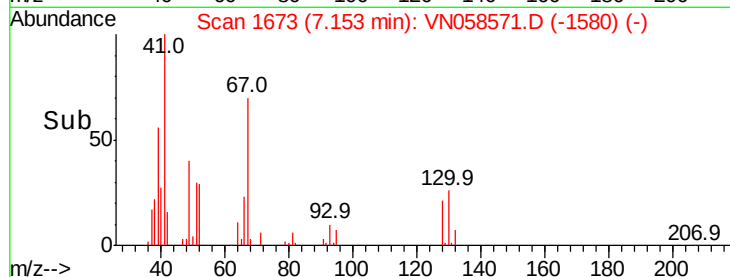
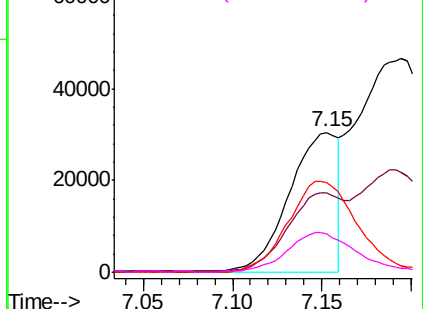
#41
Methacrylonitrile
Concen: 21.611 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 58095
Ion Ratio Lower Upper
41 100
39 62.1 50.2 75.4
67 93.2 70.2 105.4
52 41.0 31.4 47.0

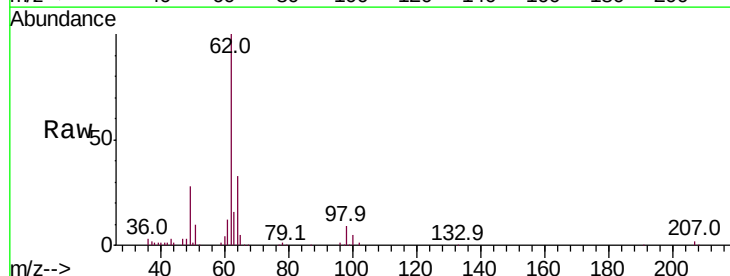


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

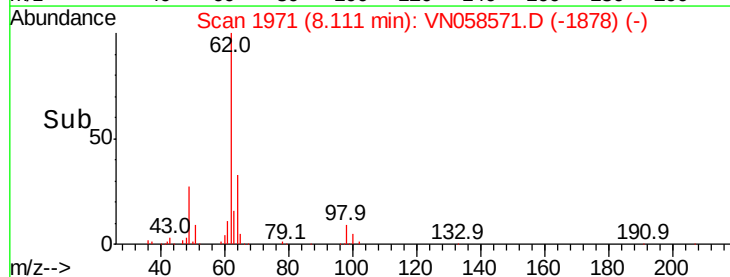
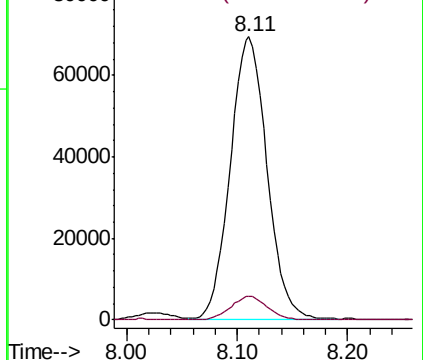


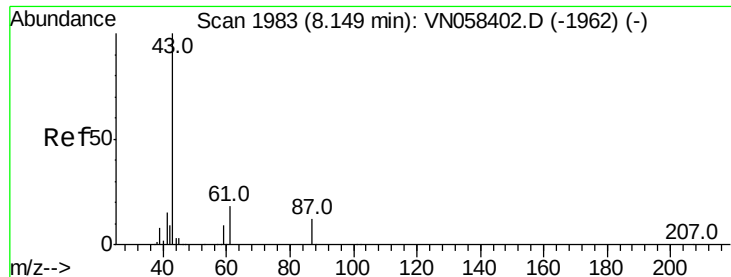
#42
1,2-Dichloroethane
Concen: 20.699 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 62 Resp: 159538
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.6



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





#43

Isopropyl Acetate

Concen: 21.190 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampled :

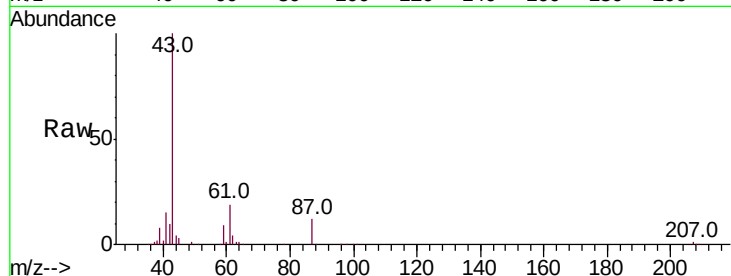
Tot Ion: 43 Resp: 232843

Ion Ratio Lower Upper

43 100

61 26.3 14.8 22.2#

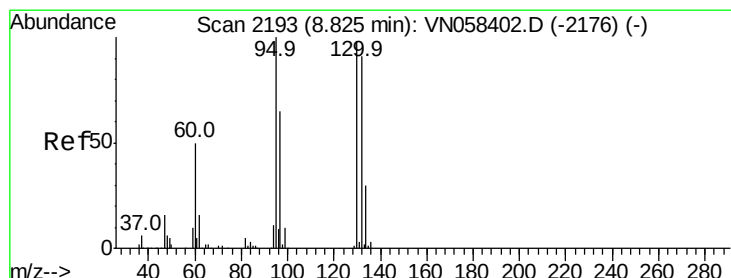
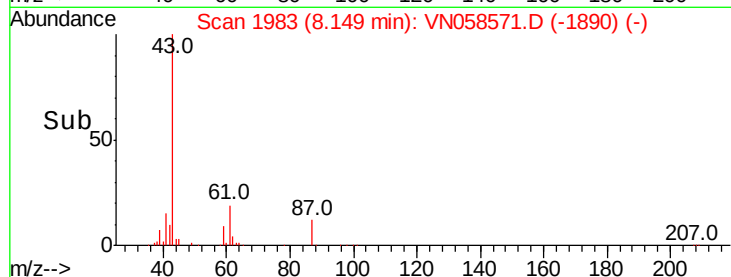
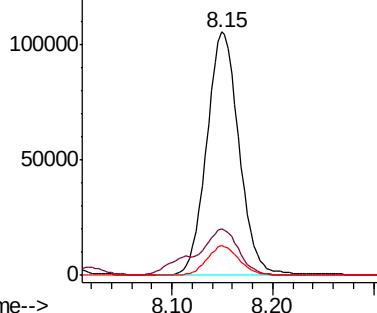
87 12.2 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.988 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058571.D

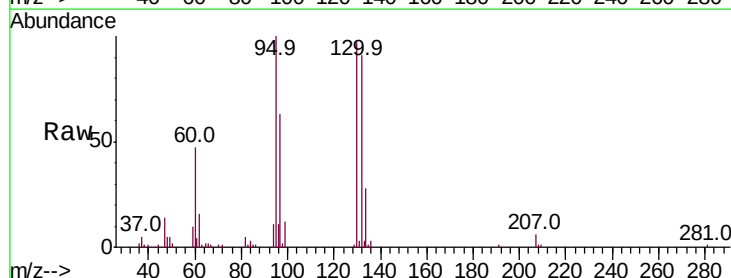
Acq: 7 Oct 2019 17:08

Tgt Ion:130 Resp: 102672

Ion Ratio Lower Upper

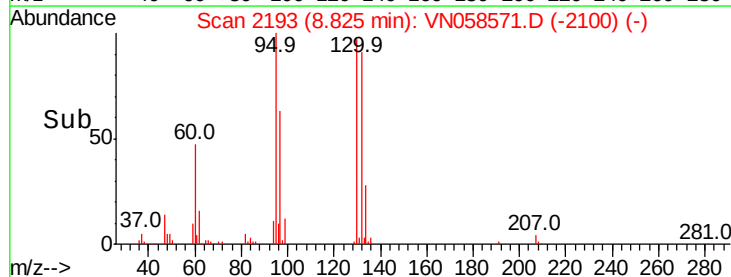
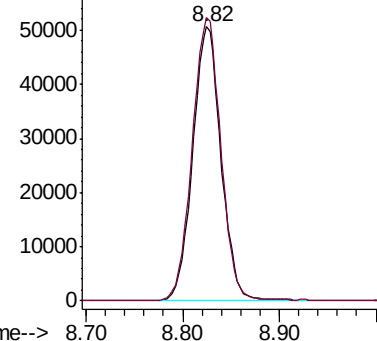
130 100

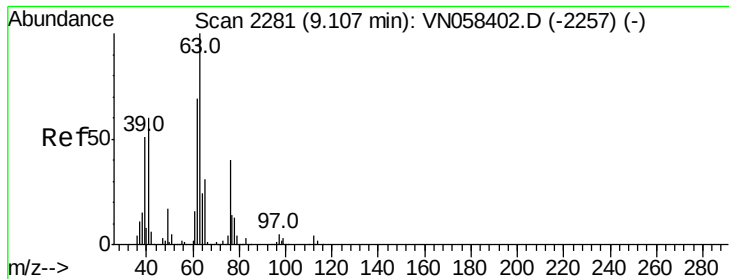
95 103.3 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 21.619 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

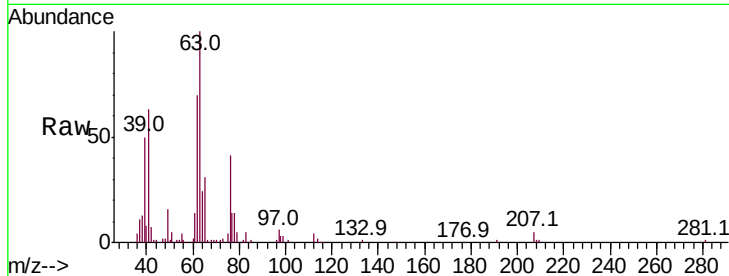
ClientSampleId :

Tot Ion: 63 Resp: 114868

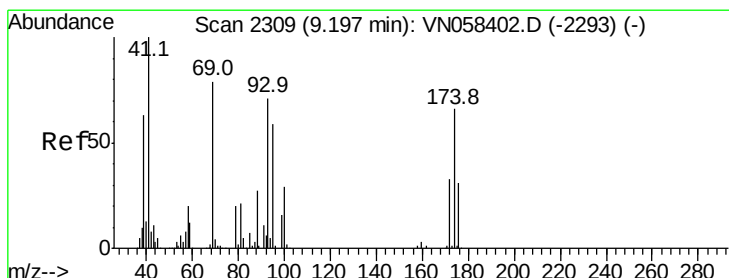
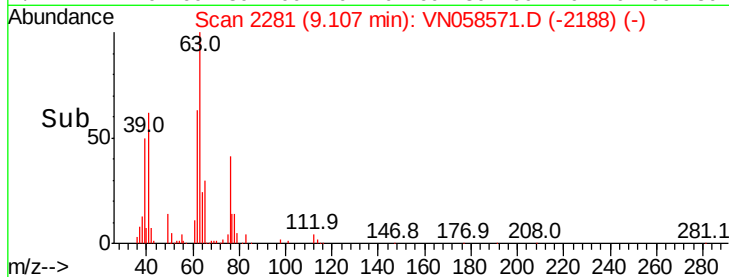
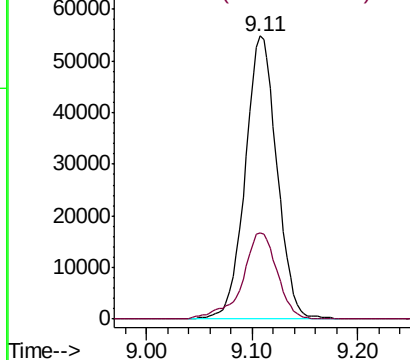
Ion Ratio Lower Upper

63 100

65 30.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 21.546 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

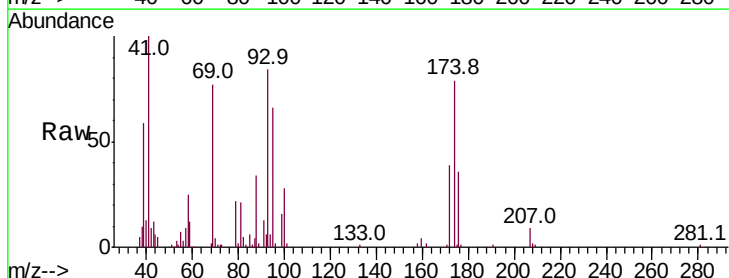
Tgt Ion: 93 Resp: 72498

Ion Ratio Lower Upper

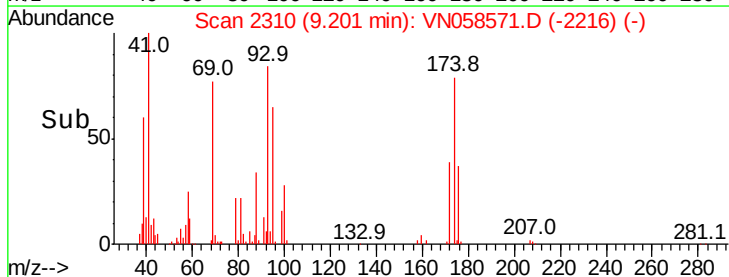
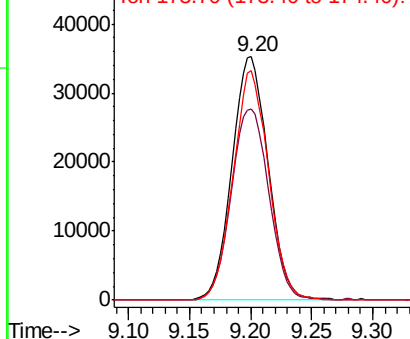
93 100

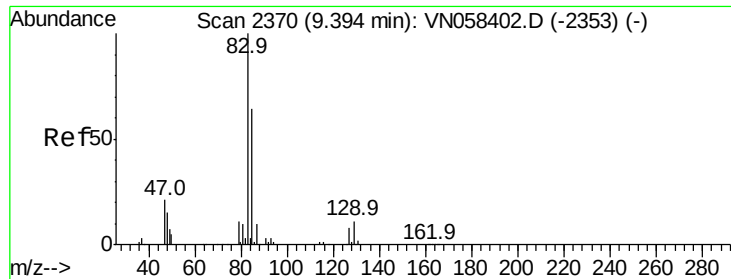
95 81.7 67.0 100.4

174 92.1 74.2 111.2



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 23.141 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampleId :

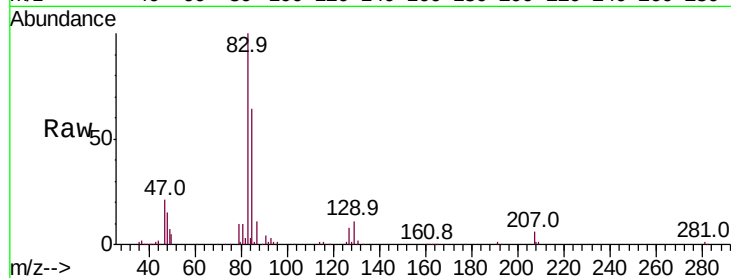
Tot Ion: 83 Resp: 147529

Ion Ratio Lower Upper

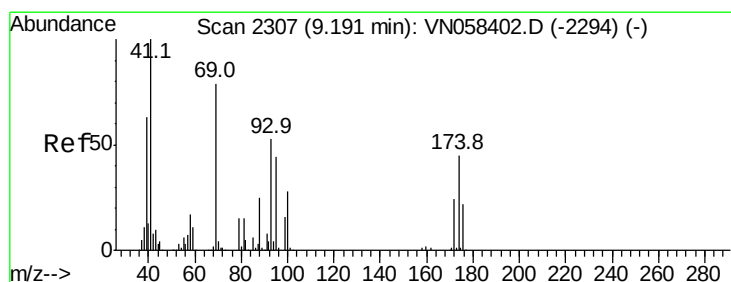
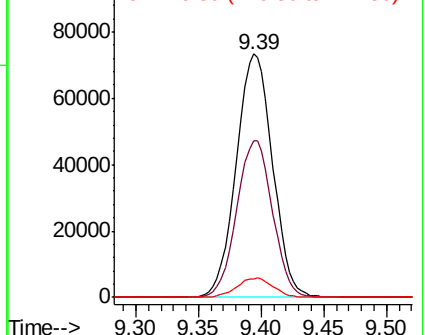
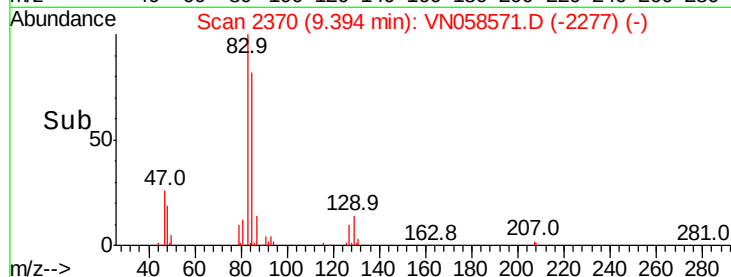
83 100

85 64.4 51.2 76.8

127 7.7 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.446 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

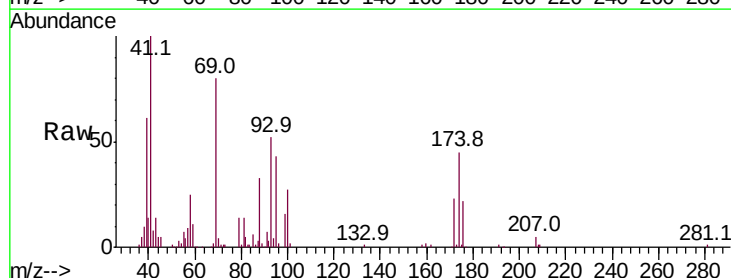
Tgt Ion: 41 Resp: 107304

Ion Ratio Lower Upper

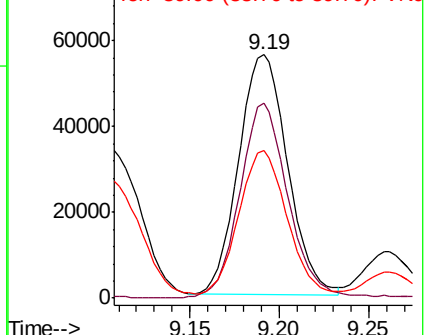
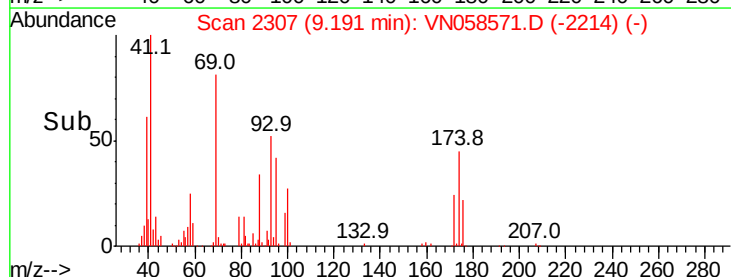
41 100

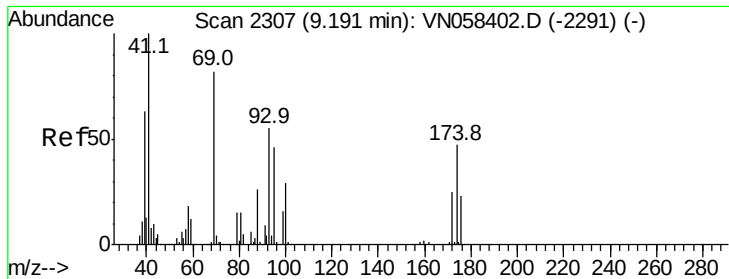
69 80.6 64.7 97.1

39 61.6 52.9 79.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

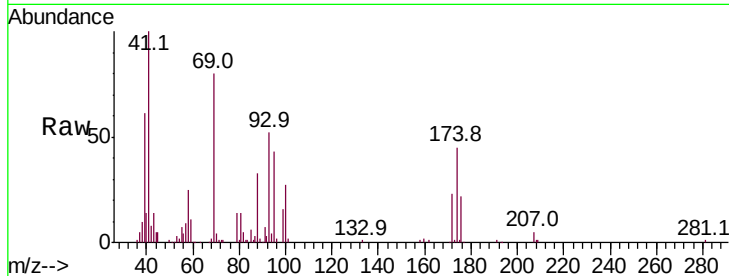




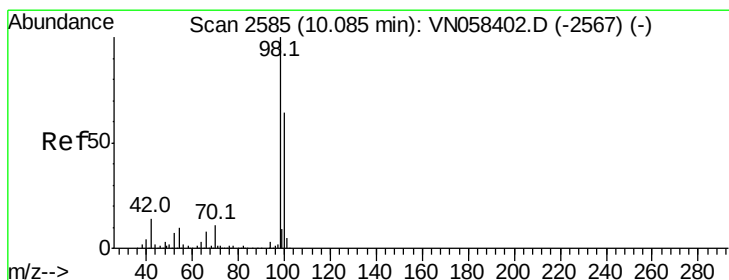
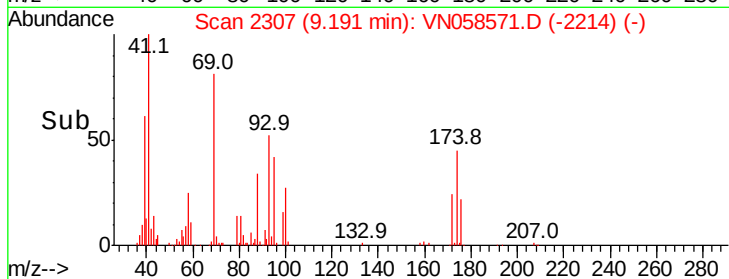
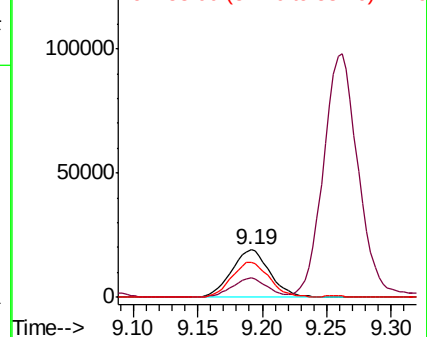
#49
1,4-Dioxane
Concen: 593.542 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 39710
Ion Ratio Lower Upper
88 100
43 35.6 31.1 46.7
58 72.1 58.1 87.1

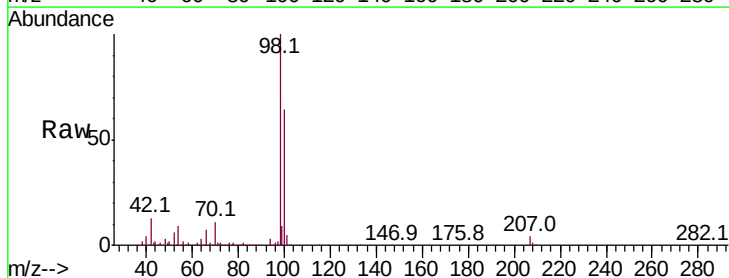


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

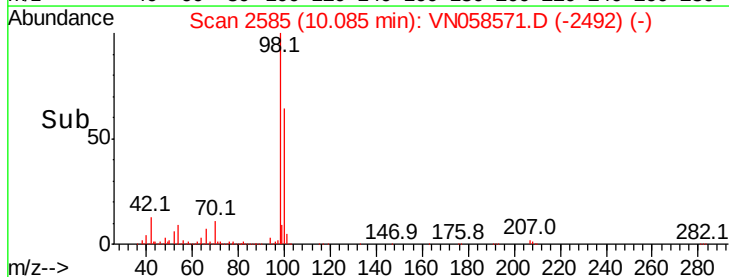
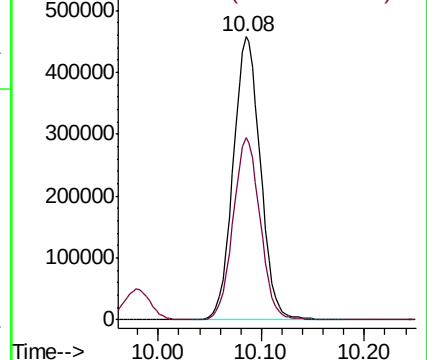


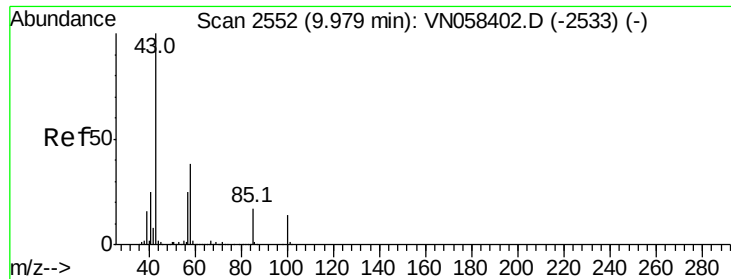
#50
Toluene-d8
Concen: 48.550 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 98 Resp: 840208
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 122.842 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

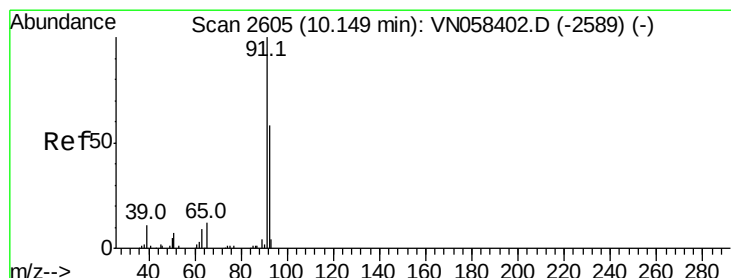
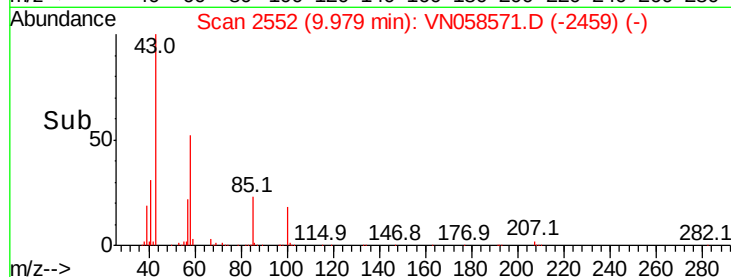
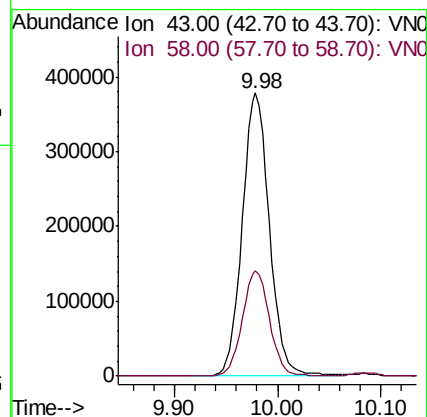
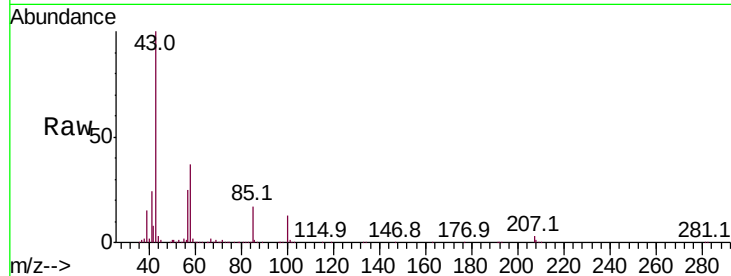
ClientSampleId :

Tot Ion: 43 Resp: 693363

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.2



#52

Toluene

Concen: 20.438 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058571.D

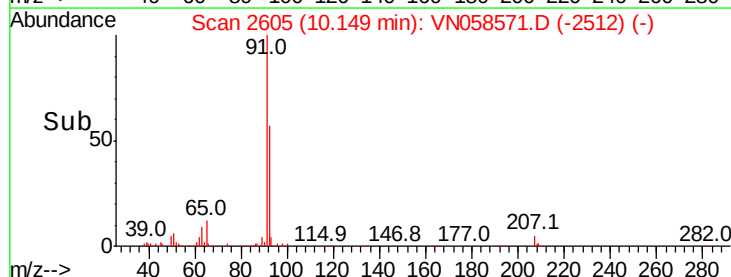
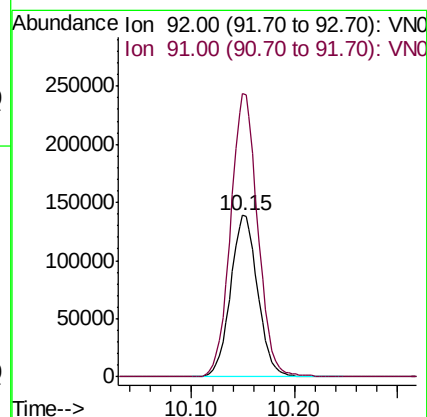
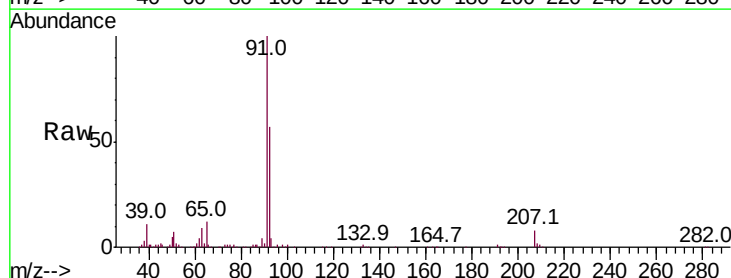
Acq: 7 Oct 2019 17:08

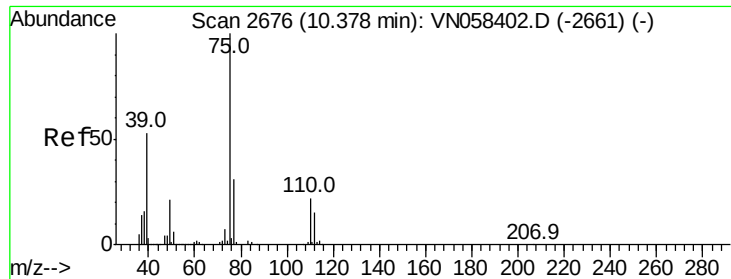
Tgt Ion: 92 Resp: 254861

Ion Ratio Lower Upper

92 100

91 175.8 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 23.552 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

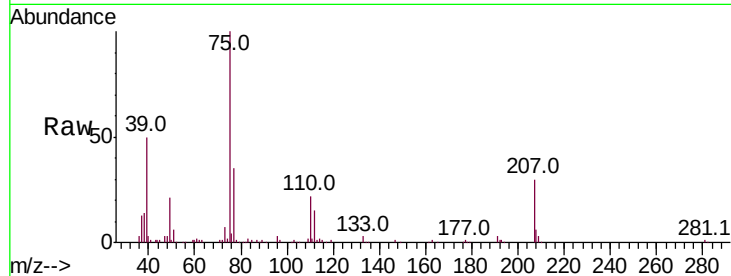
ClientSampleId :

Tot Ion: 75 Resp: 163429

Ion Ratio Lower Upper

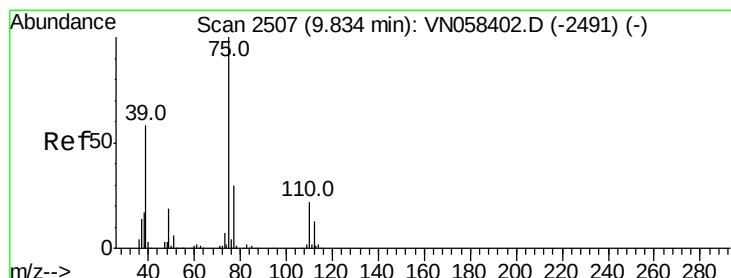
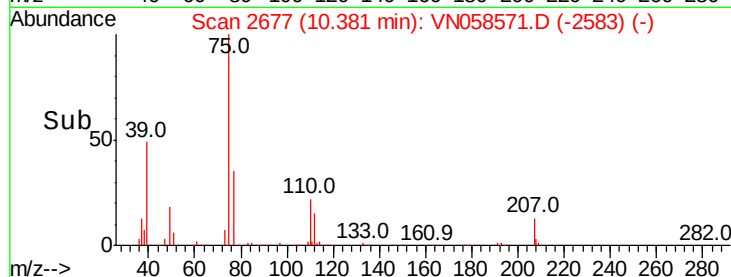
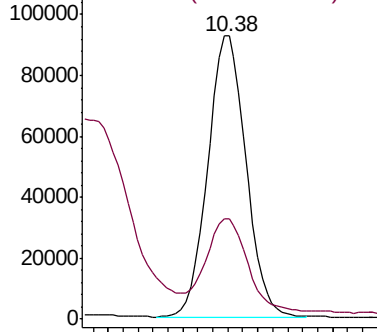
75 100

77 32.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 23.022 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

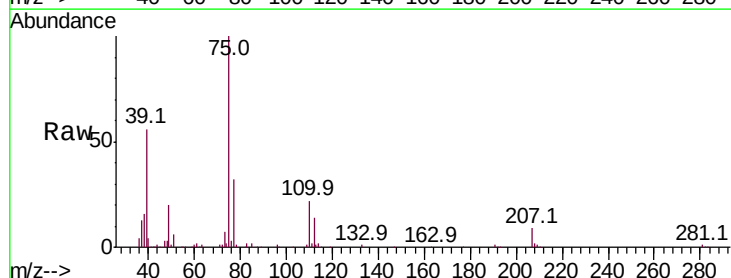
Tgt Ion: 75 Resp: 177327

Ion Ratio Lower Upper

75 100

77 31.6 24.2 36.4

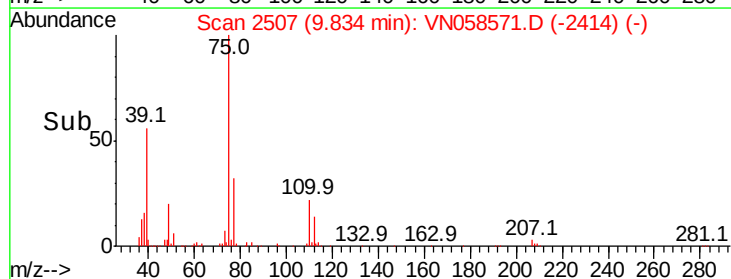
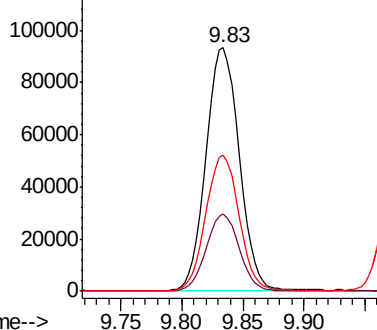
39 55.9 46.4 69.6

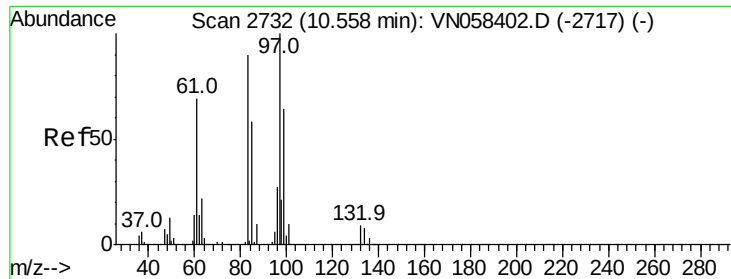


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 22.991 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 104389

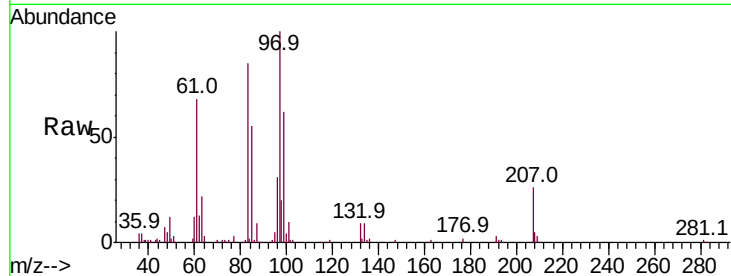
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.8	107.6
85	54.9	46.6	69.8
99	62.0	51.5	77.3

97 100

83 85.4 71.8 107.6

85 54.9 46.6 69.8

99 62.0 51.5 77.3

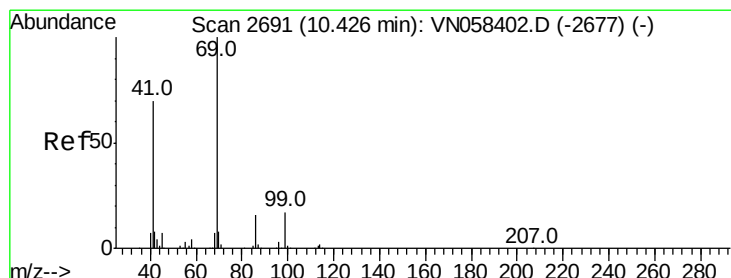
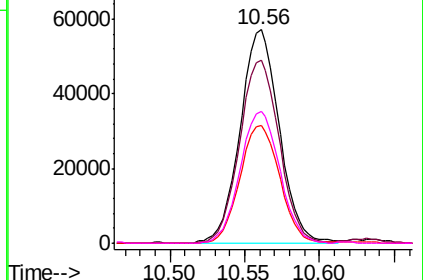
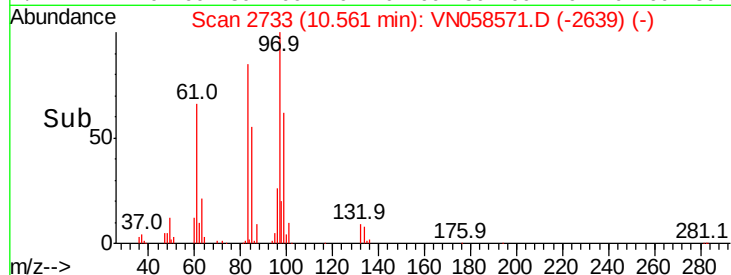


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 22.087 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

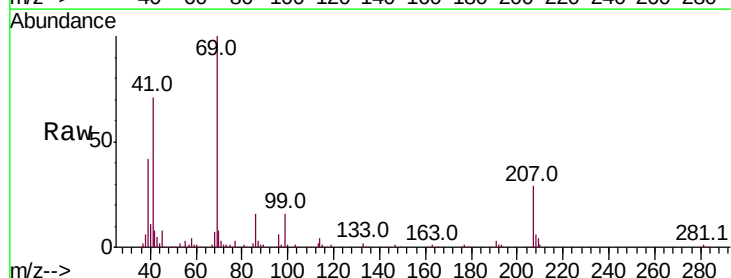
Tgt Ion: 69 Resp: 152172

Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.3	84.5
39	41.7	35.8	53.6

69 100

41 70.0 56.3 84.5

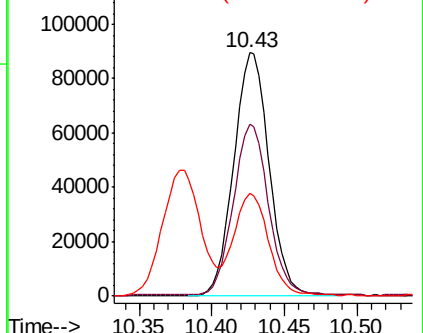
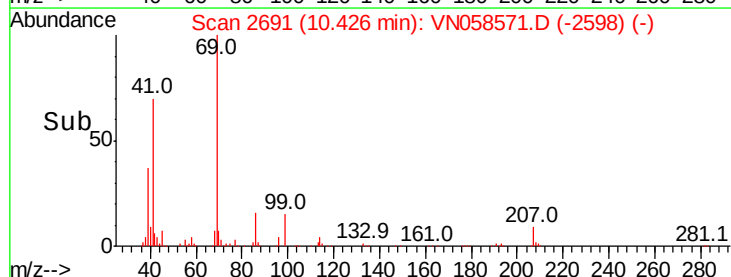
39 41.7 35.8 53.6

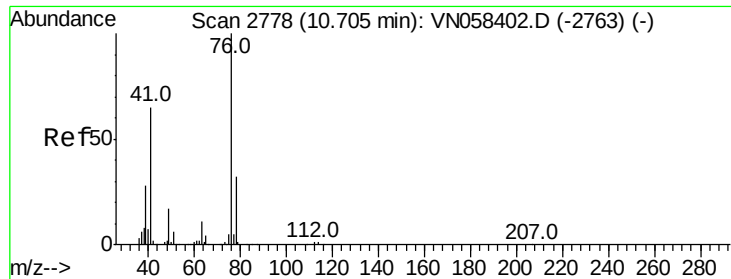


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

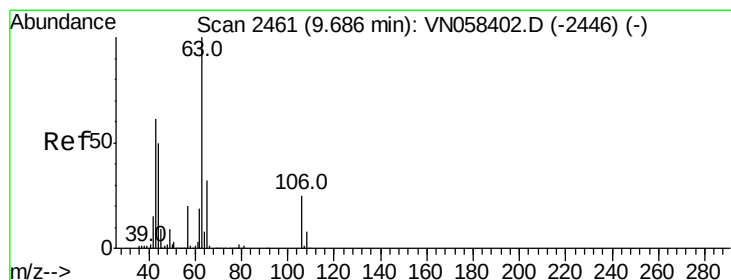
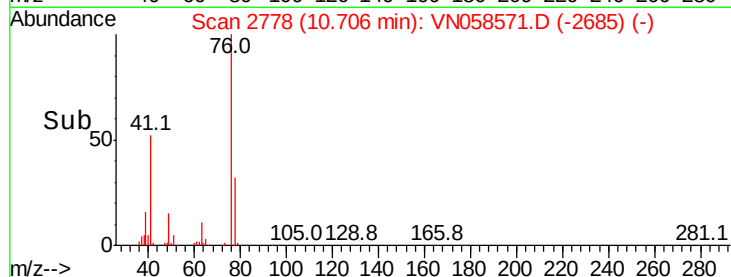
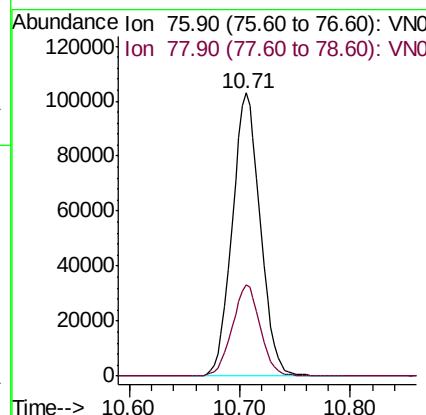
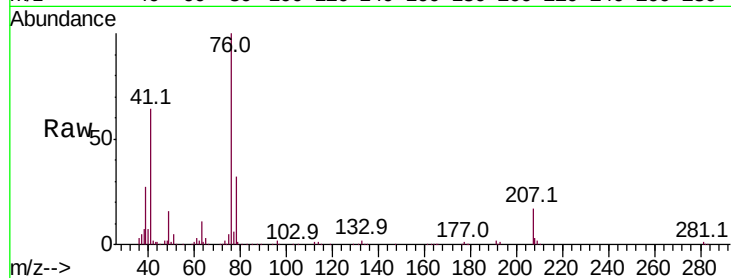




#57
 1,3-Dichloropropane
 Concen: 22.342 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

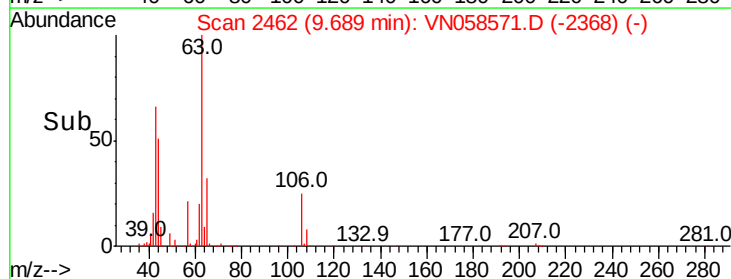
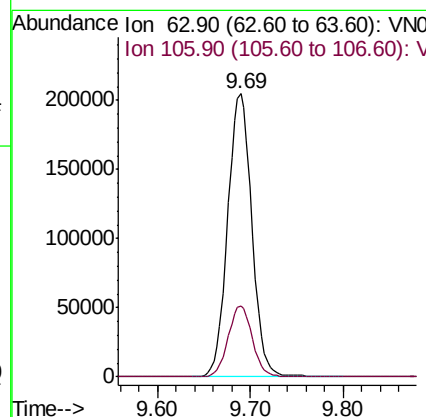
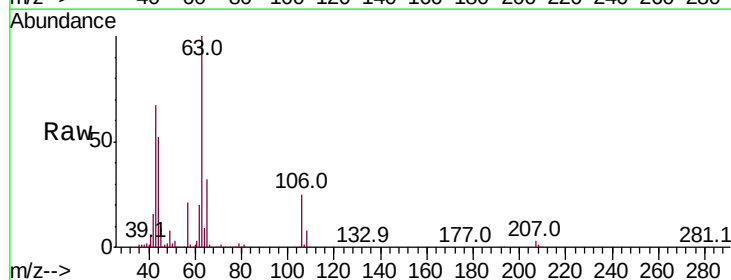
Instrument :
 MSVOA_N
 ClientSampled :

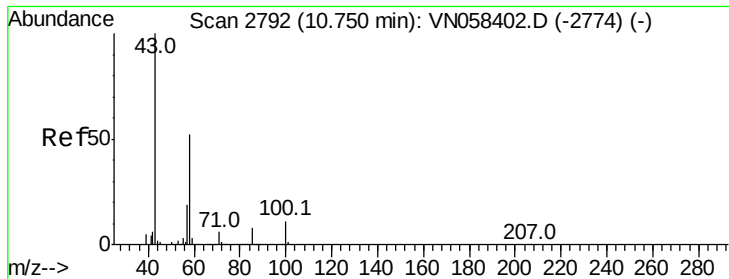
Tot Ion: 76 Resp: 180948
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.700 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Tgt Ion: 63 Resp: 370059
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.3 30.5

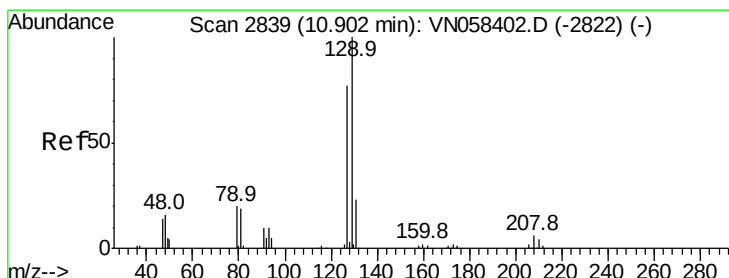
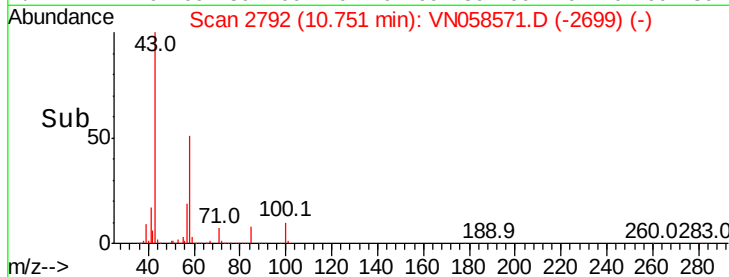
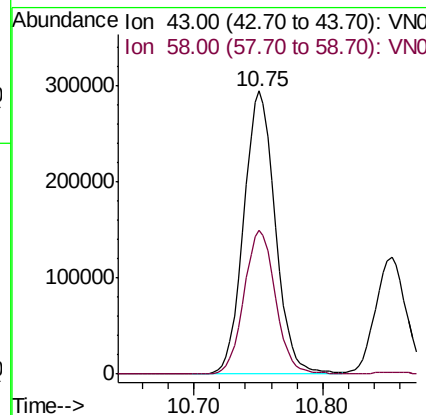
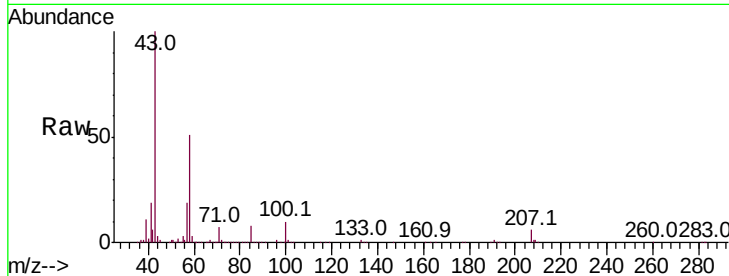




#59
2-Hexanone
Concen: 121.628 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

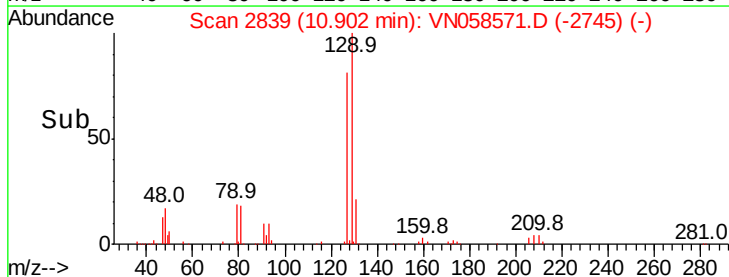
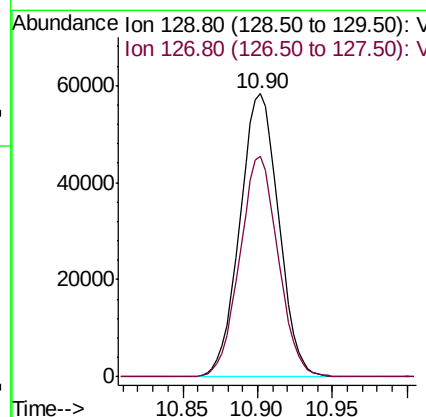
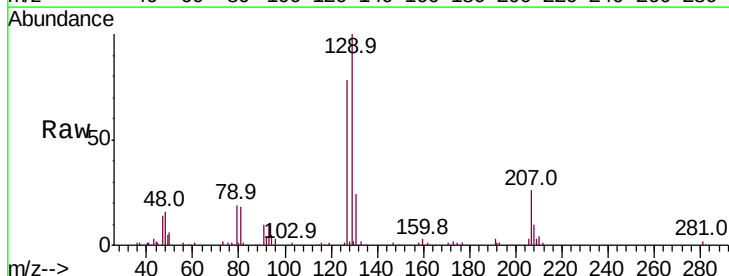
Instrument :
MSVOA_N
ClientSampleId :

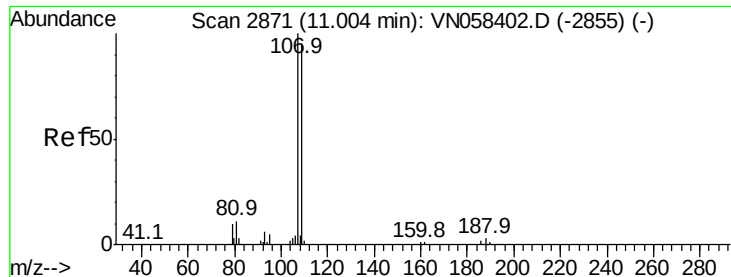
Tot Ion: 43 Resp: 499881
Ion Ratio Lower Upper
43 100
58 51.0 25.8 77.3



#60
Dibromochloromethane
Concen: 22.135 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 129 Resp: 105523
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8

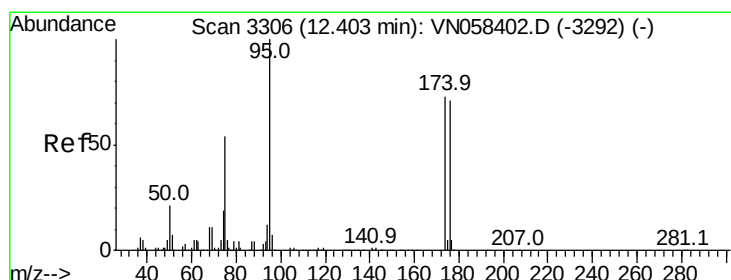
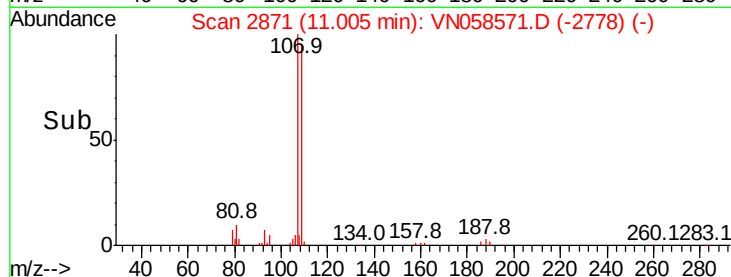
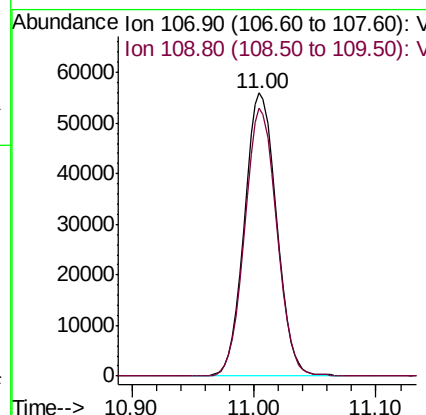
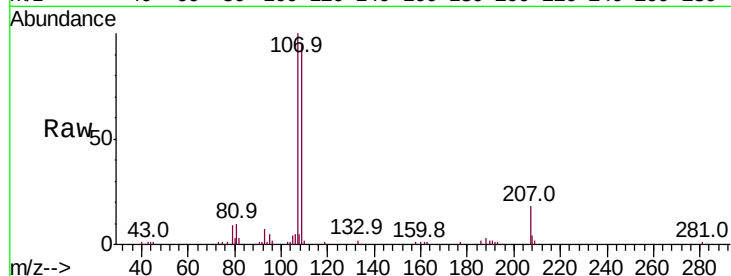




#61
 1,2-Dibromoethane
 Concen: 21.848 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

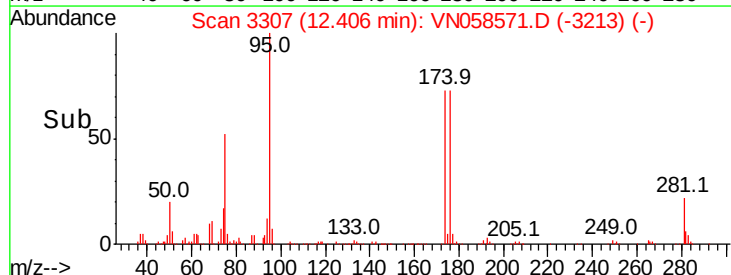
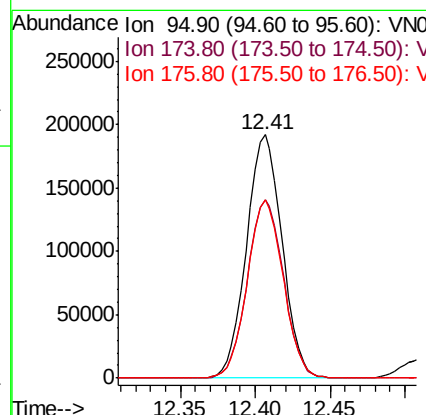
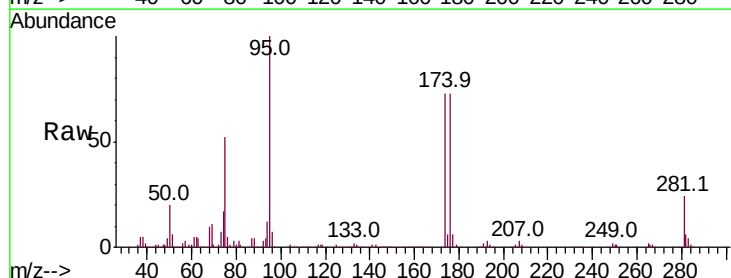
Instrument :
 MSVOA_N
 ClientSampleId :

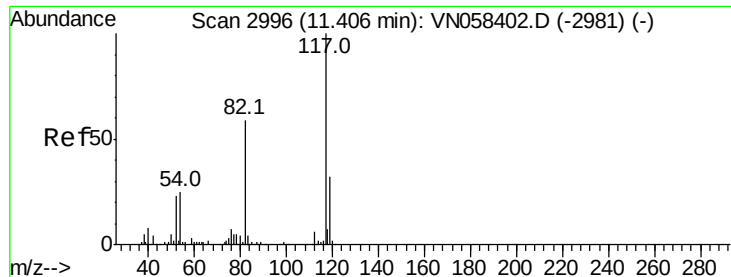
Tot Ion:107 Resp: 101363
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 50.853 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Tgt Ion: 95 Resp: 318213
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.6
 176 73.4 0.0 146.2

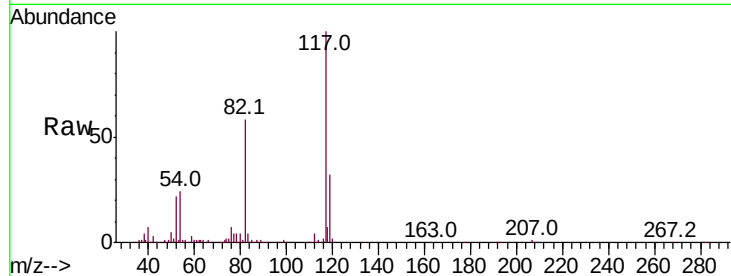




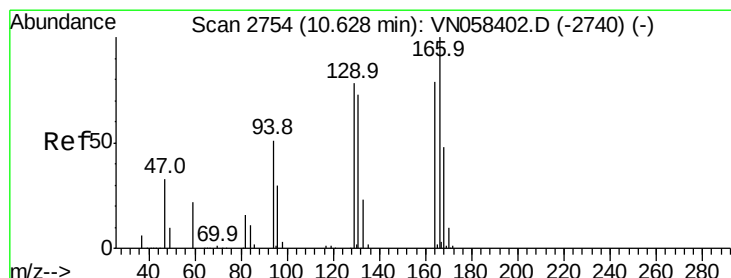
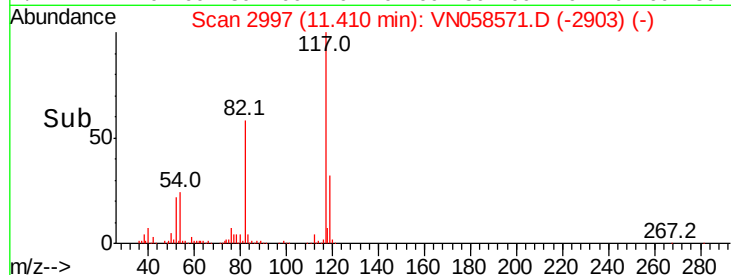
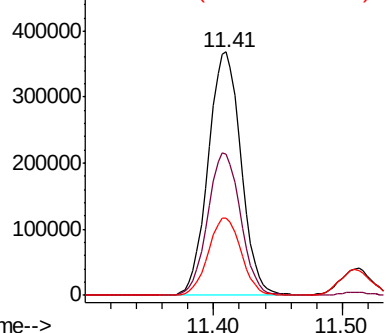
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 652600
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.0
119 31.9 25.5 38.3

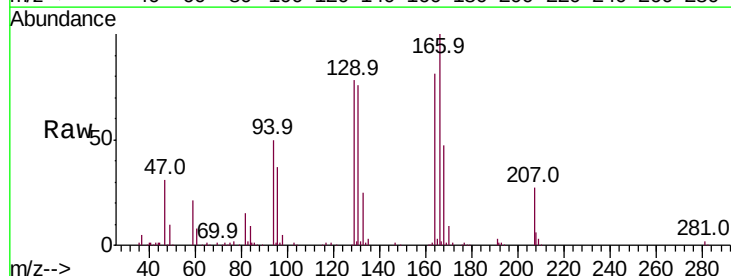


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

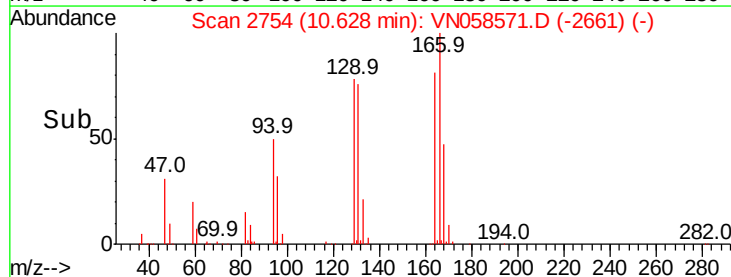
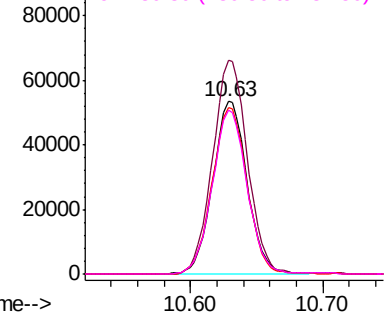


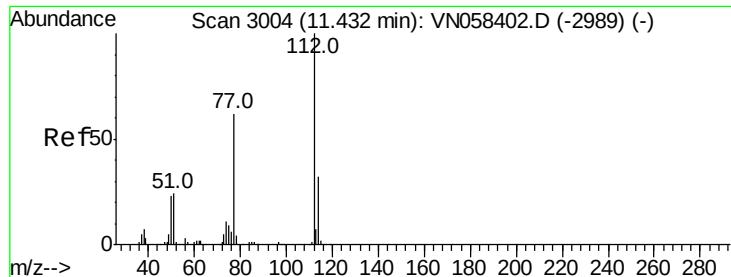
#64
Tetrachloroethene
Concen: 23.161 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion:164 Resp: 96028
Ion Ratio Lower Upper
164 100
166 123.8 101.1 151.7
129 96.6 79.2 118.8
131 94.6 74.1 111.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

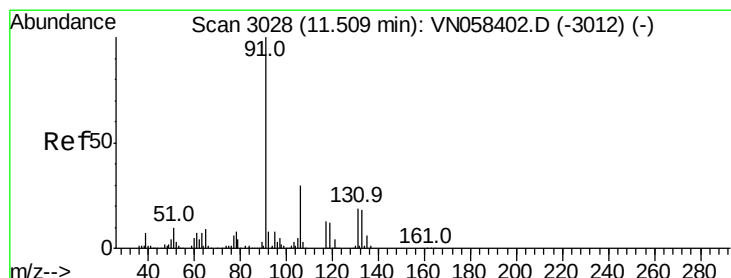
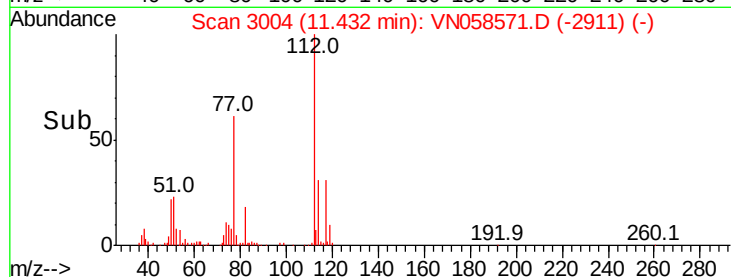
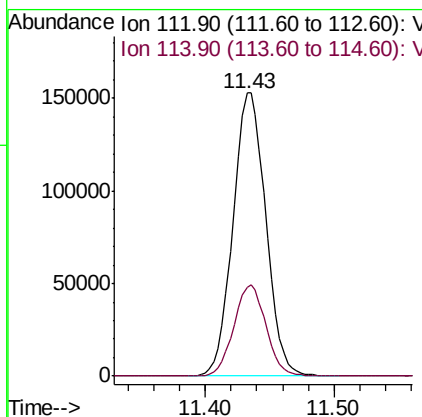
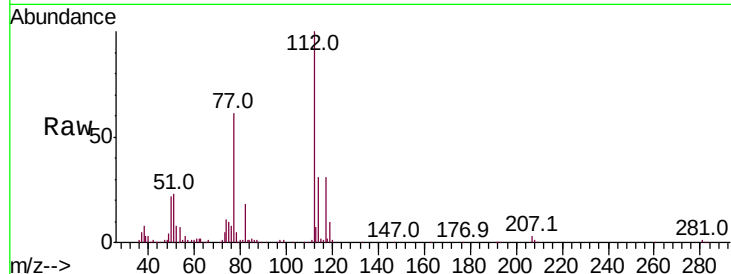




#65
Chlorobenzene
Concen: 20.813 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

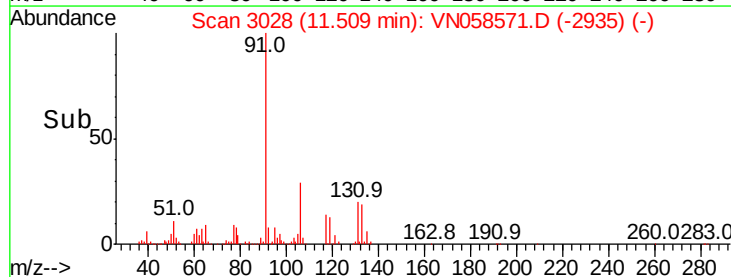
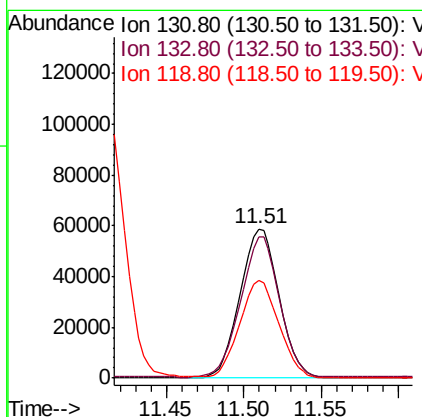
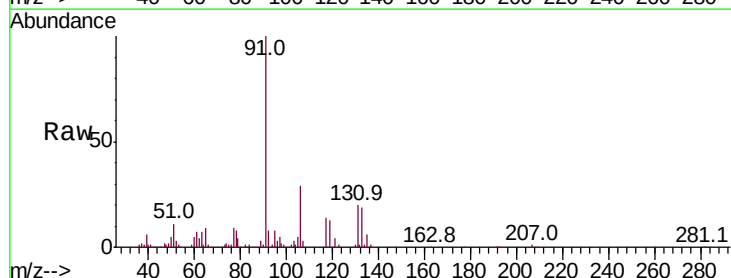
Instrument :
MSVOA_N
ClientSampleId :

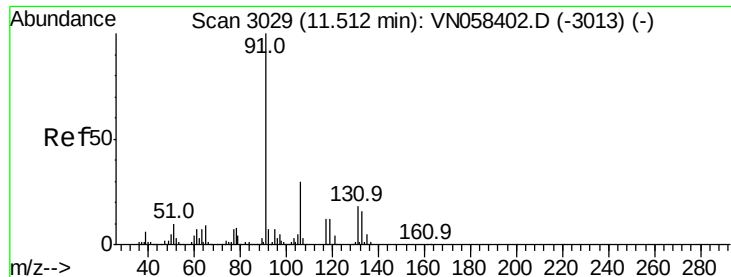
Tot Ion:112 Resp: 269986
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 23.690 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion:131 Resp: 103539
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.3
119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 21.317 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

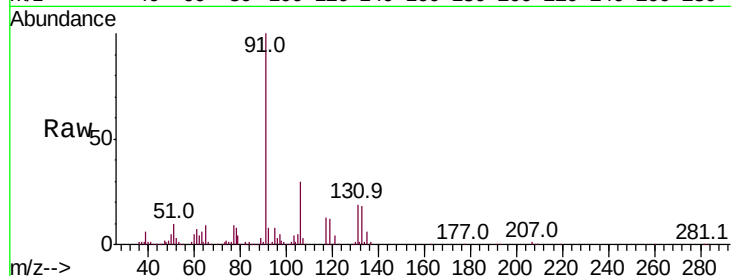
ClientSampleId :

Tot Ion: 91 Resp: 500869

Ion Ratio Lower Upper

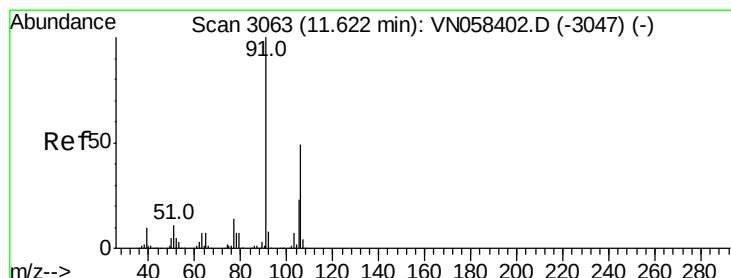
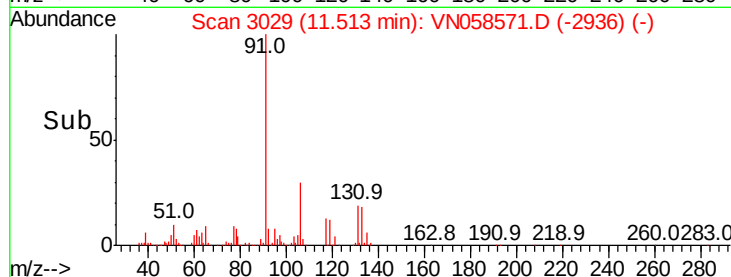
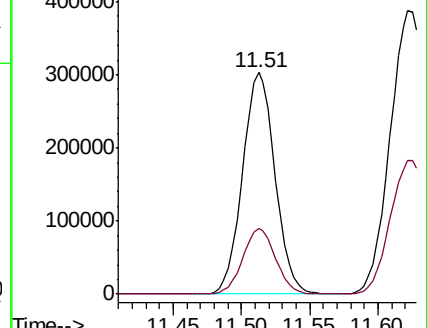
91 100

106 29.8 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.625 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN058571.D

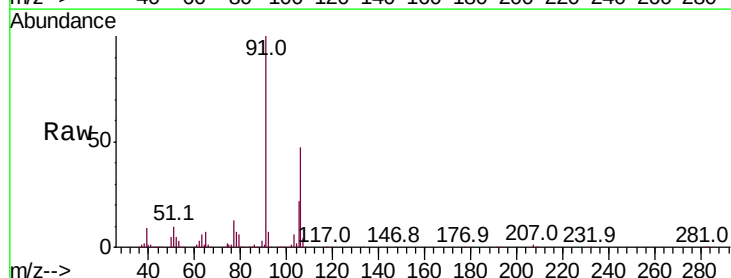
Acq: 7 Oct 2019 17:08

Tgt Ion: 106 Resp: 359137

Ion Ratio Lower Upper

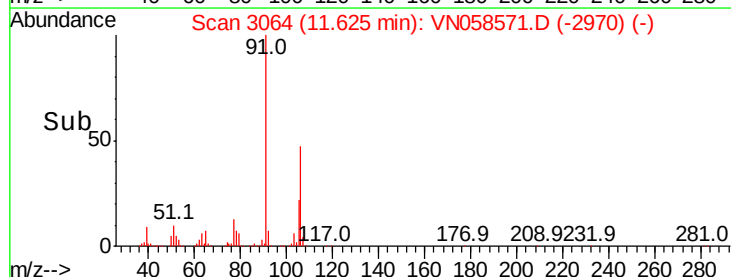
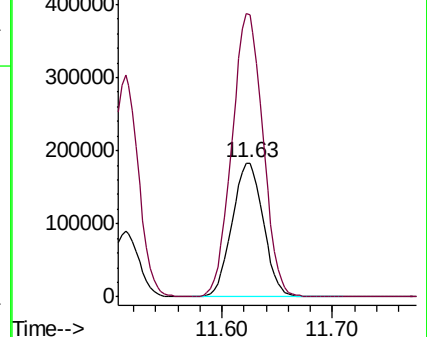
106 100

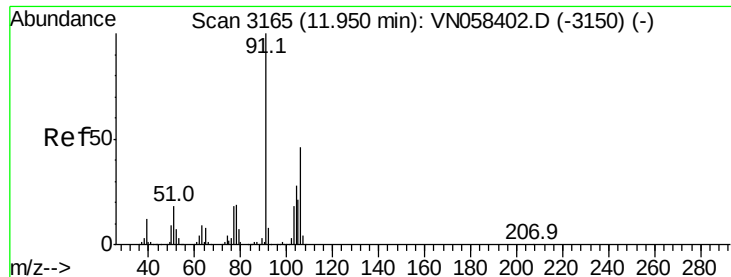
91 210.6 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

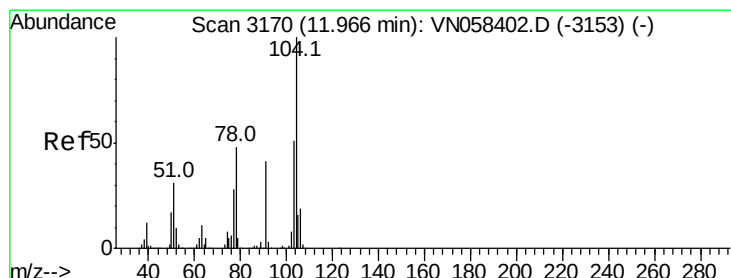
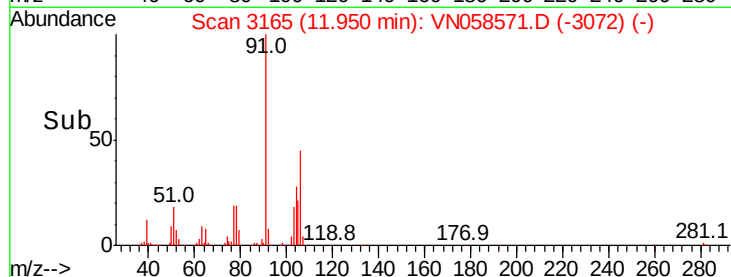
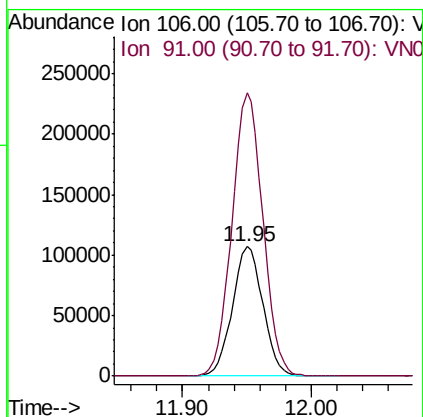
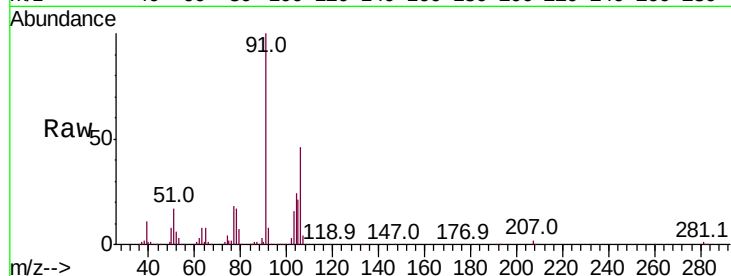




#69
o-Xylene
Concen: 20.720 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

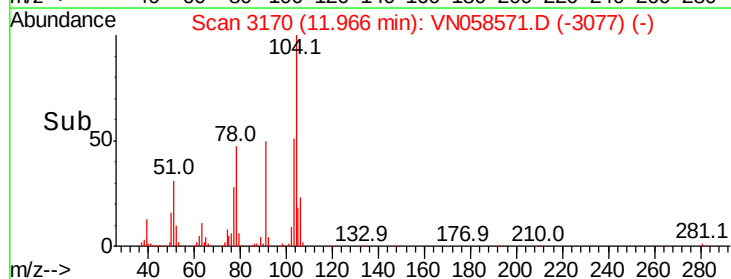
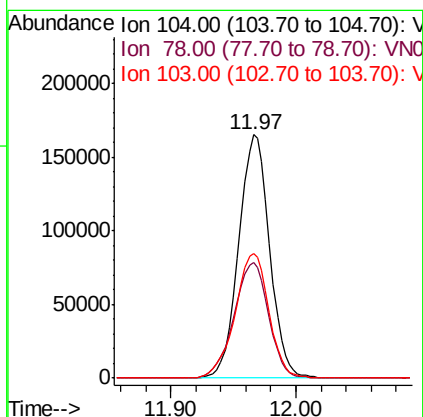
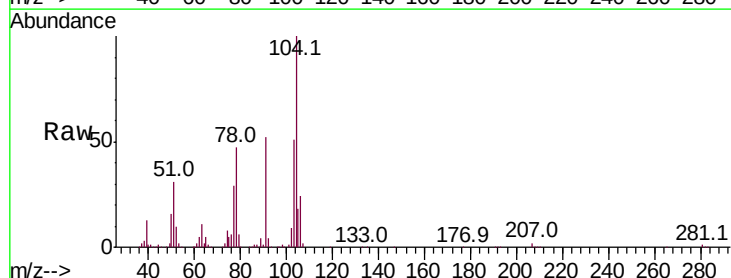
Instrument :
MSVOA_N
ClientSampled :

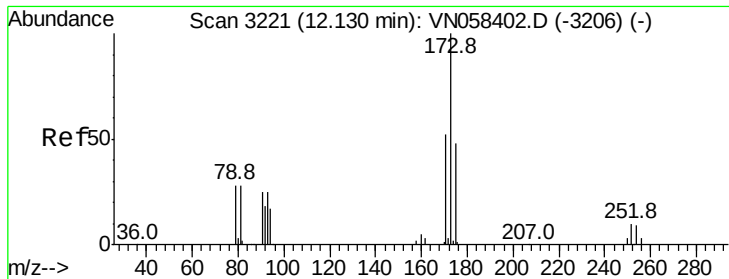
Tot Ion:106 Resp: 176328
Ion Ratio Lower Upper
106 100
91 220.8 109.1 327.4



#70
Styrene
Concen: 20.508 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion:104 Resp: 283525
Ion Ratio Lower Upper
104 100
78 53.3 42.8 64.2
103 55.8 43.7 65.5





#71

Bromoform

Concen: 22.724 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampled :

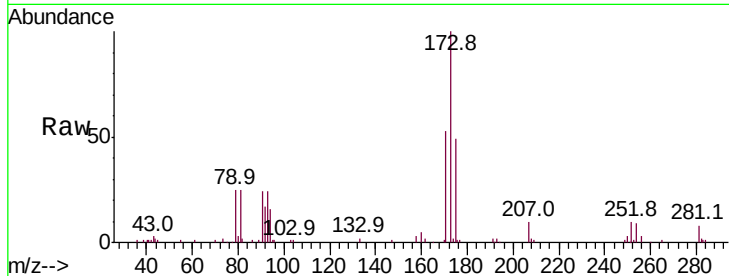
Tot Ion:173 Resp: 67474

Ion Ratio Lower Upper

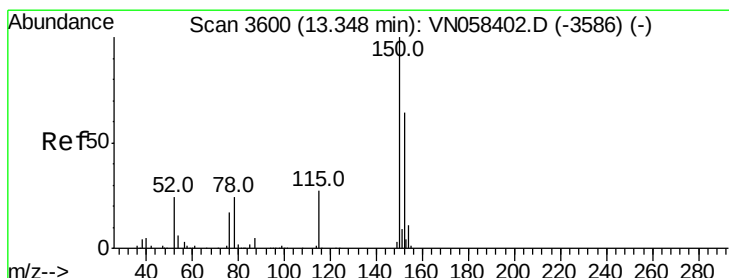
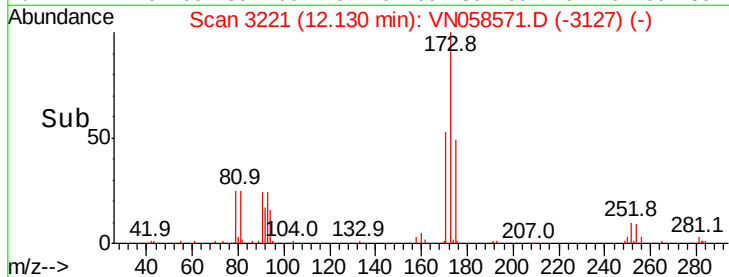
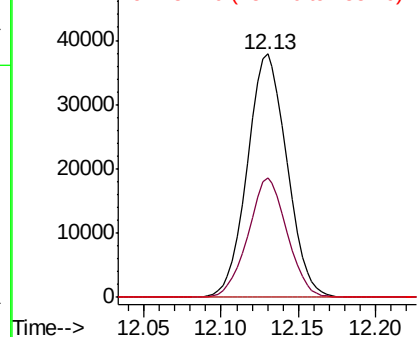
173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



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# 3601

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

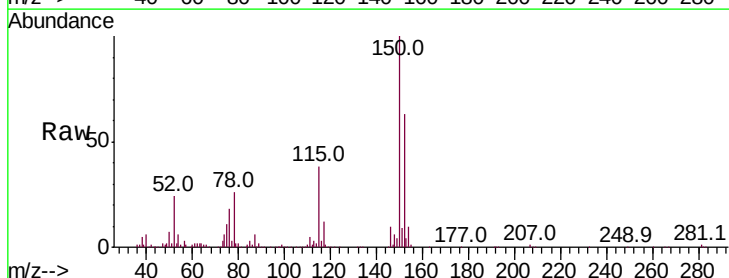
Tgt Ion:152 Resp: 309135

Ion Ratio Lower Upper

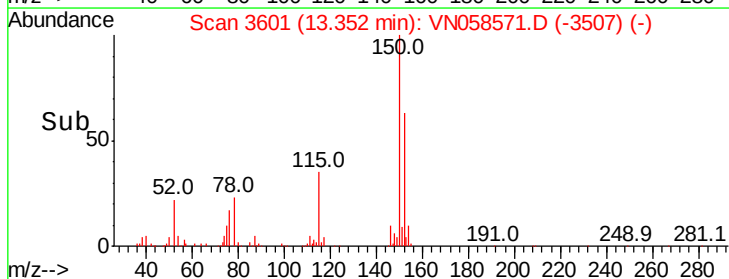
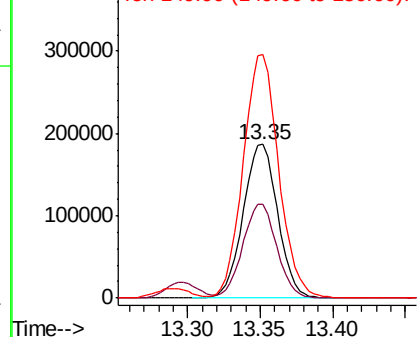
152 100

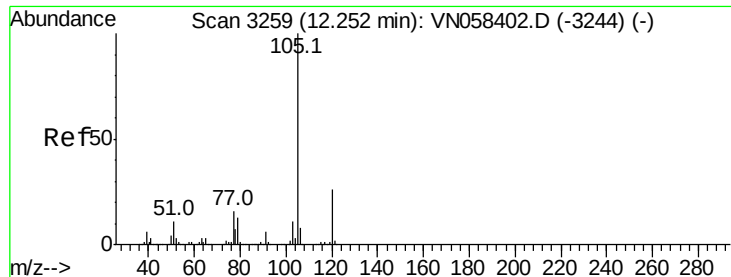
115 59.9 30.0 90.0

150 162.8 0.0 348.2



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: 20.953 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

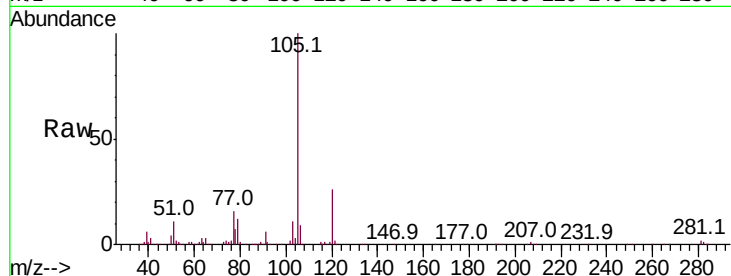
ClientSampleId :

Tot Ion:105 Resp: 478697

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

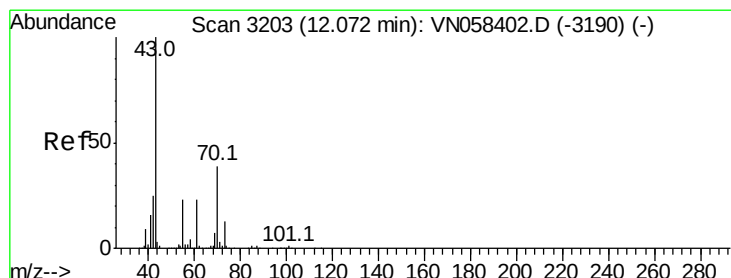
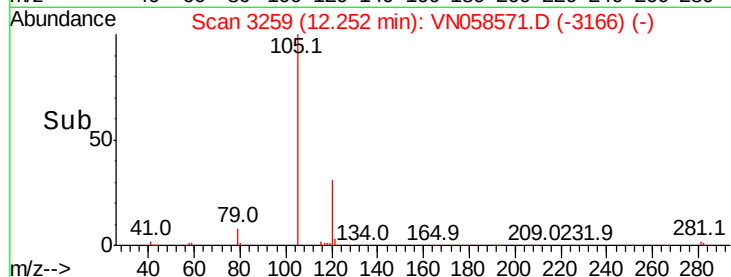
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 21.704 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Tgt Ion: 43 Resp: 197258

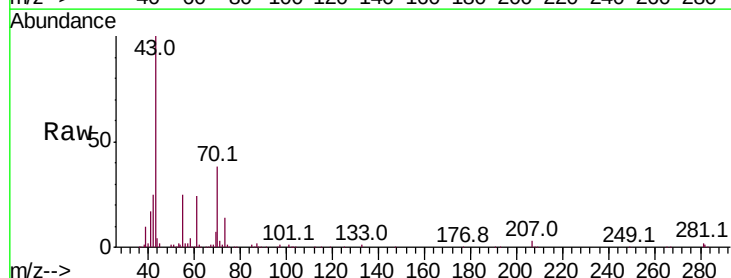
Ion Ratio Lower Upper

43 100

70 39.6 31.4 47.2

55 24.3 18.2 27.4

61 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

200000

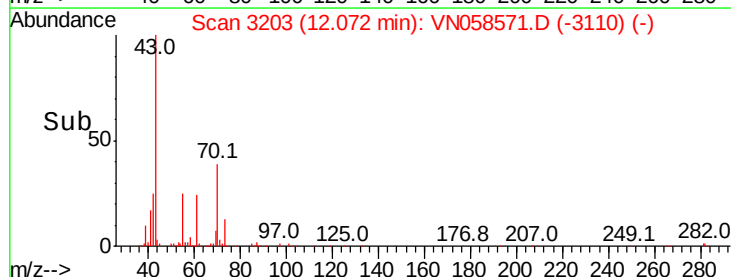
150000

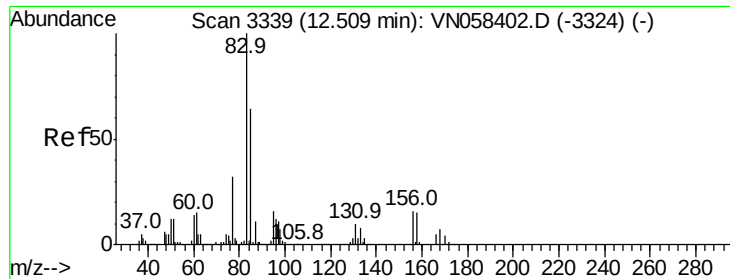
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.160 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampled :

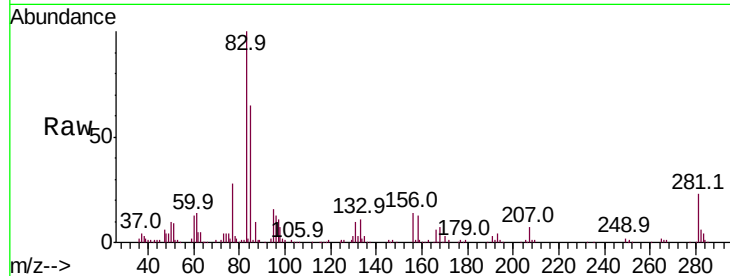
Tot Ion: 83 Resp: 149702

Ion Ratio Lower Upper

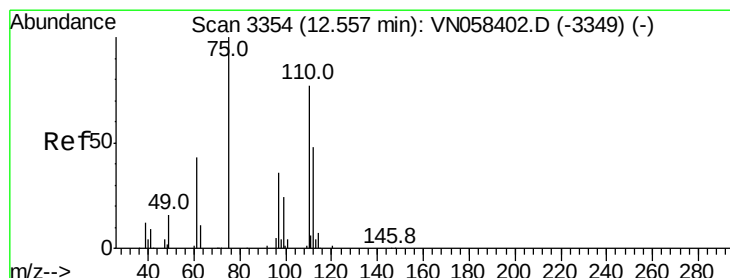
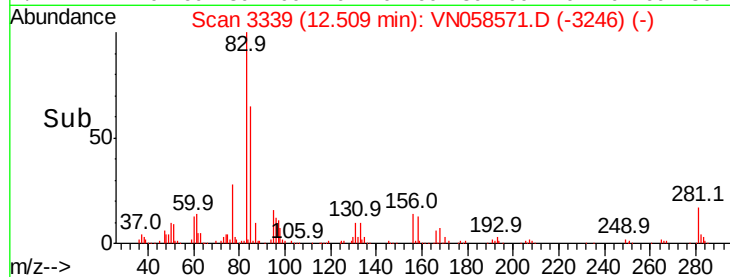
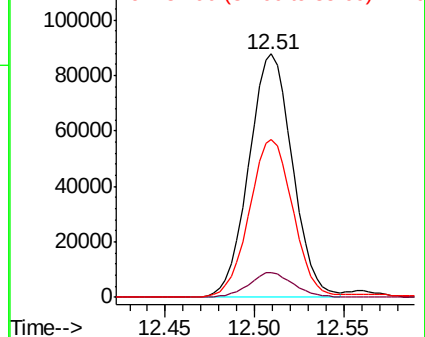
83 100

131 10.5 4.9 14.7

85 65.1 32.0 96.0



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: 34.296 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058571.D

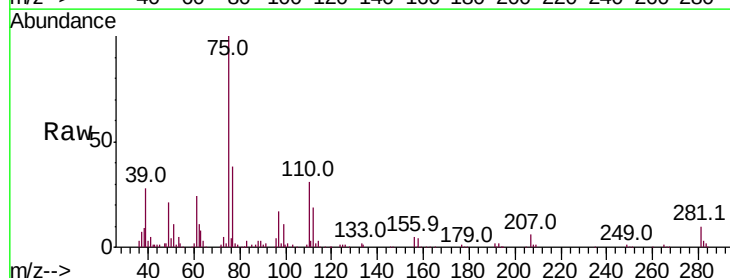
Acq: 7 Oct 2019 17:08

Tgt Ion: 75 Resp: 193649

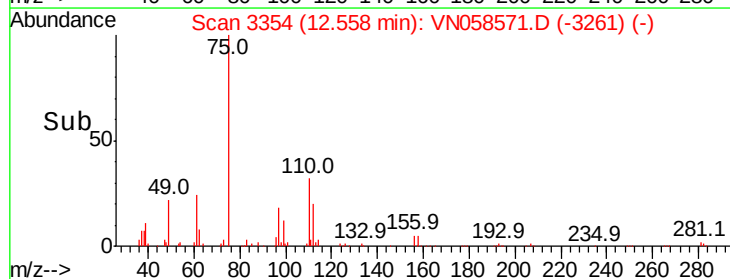
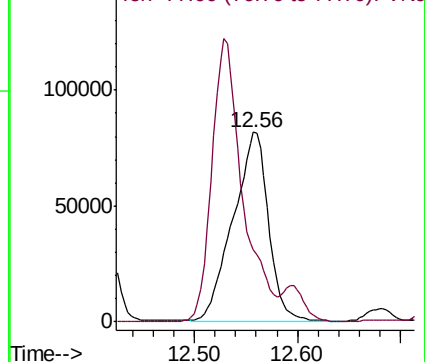
Ion Ratio Lower Upper

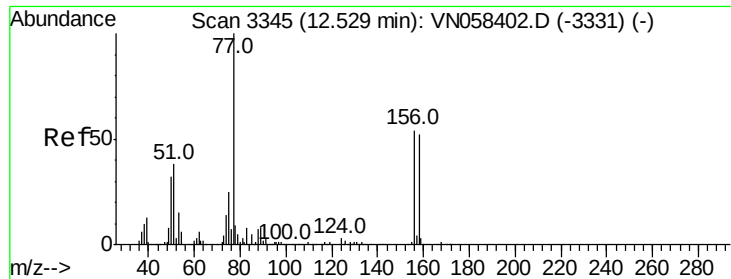
75 100

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: 21.295 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampled :

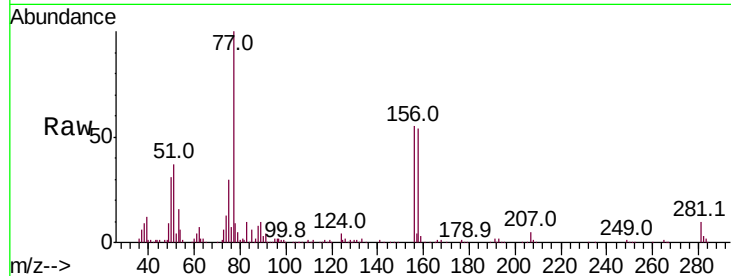
Tot Ion:156 Resp: 114074

Ion Ratio Lower Upper

156 100

77 220.5 110.0 330.0

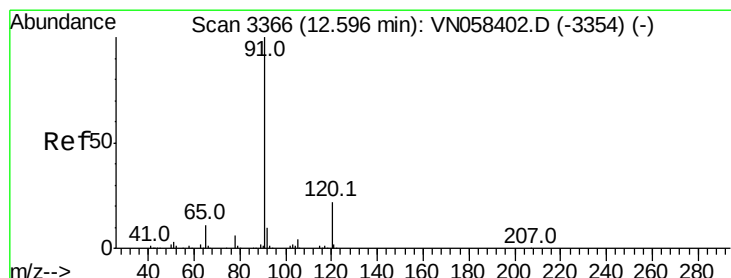
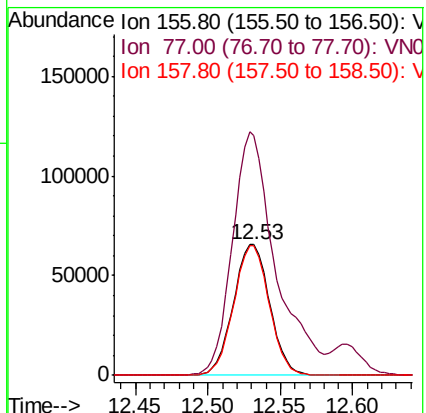
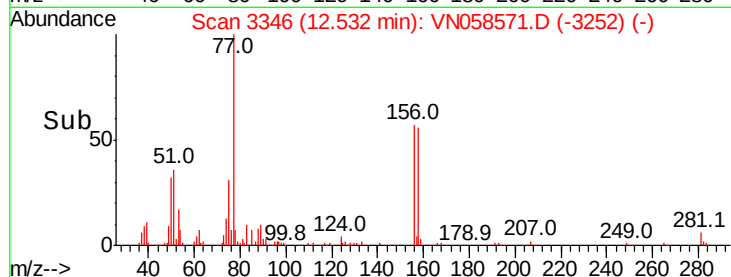
158 97.1 47.9 143.8



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: 21.707 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058571.D

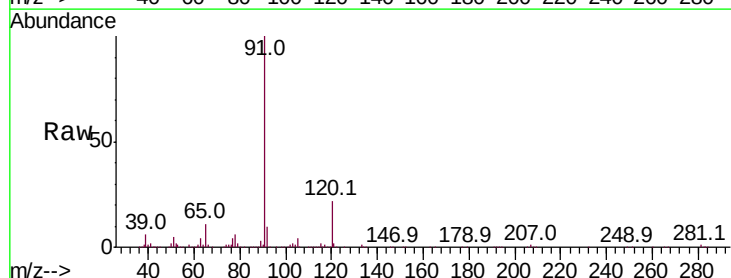
Acq: 7 Oct 2019 17:08

Tgt Ion: 91 Resp: 558711

Ion Ratio Lower Upper

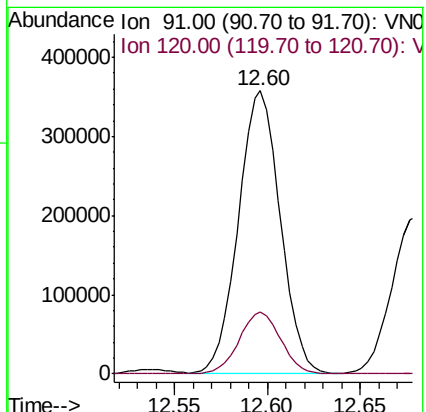
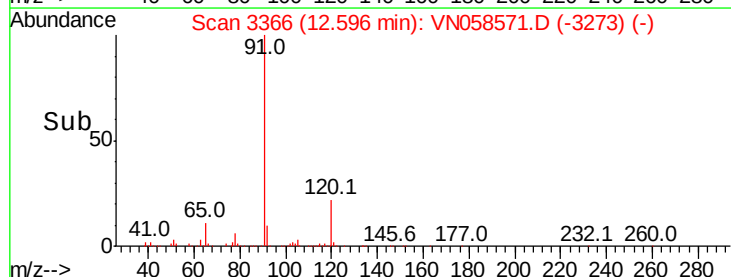
91 100

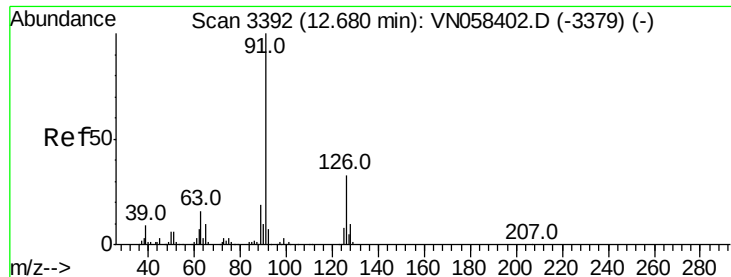
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.920 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

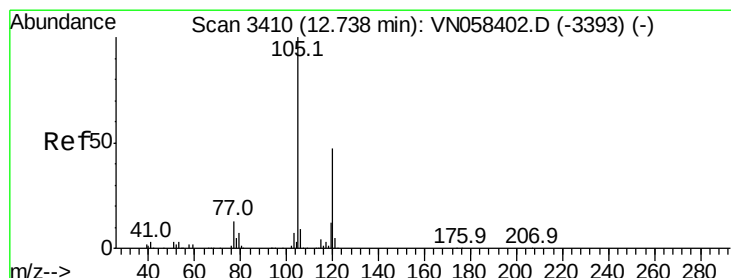
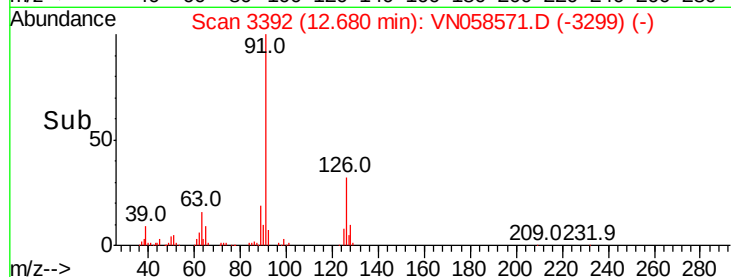
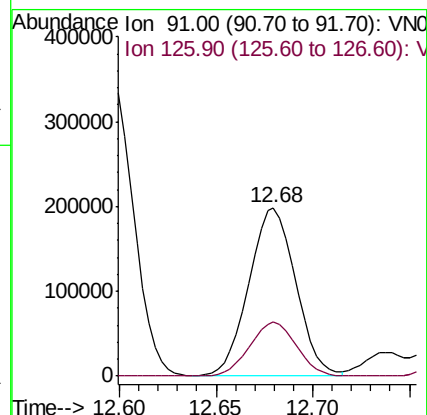
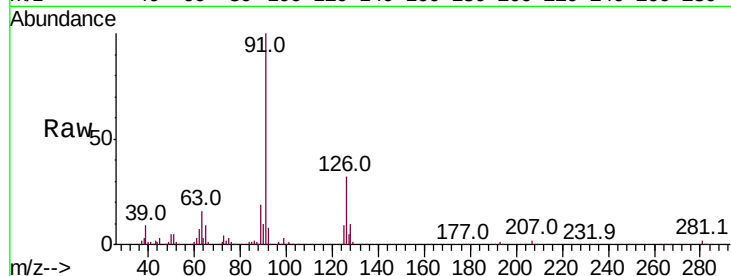
ClientSampleId :

Tot Ion: 91 Resp: 332341

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 20.992 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058571.D

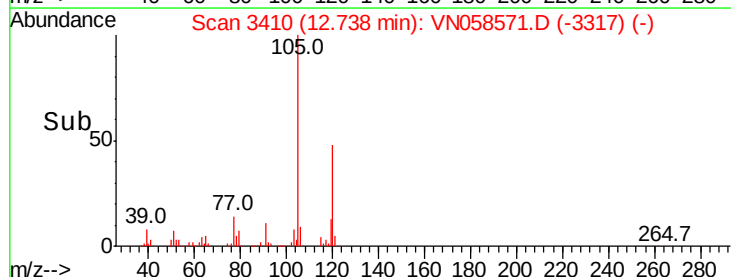
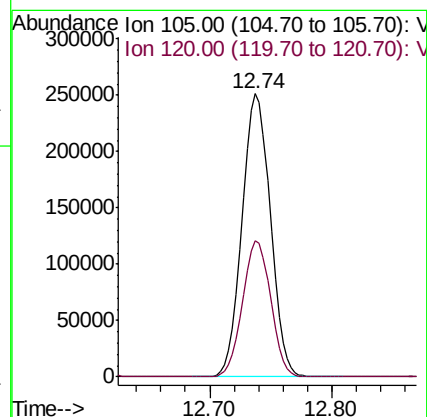
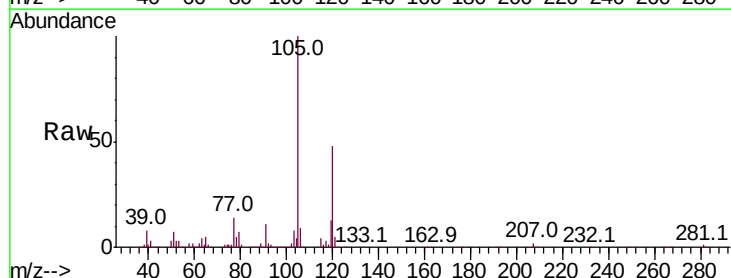
Acq: 7 Oct 2019 17:08

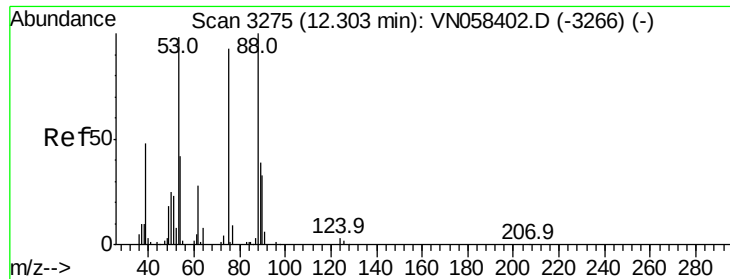
Tgt Ion: 105 Resp: 401450

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.6

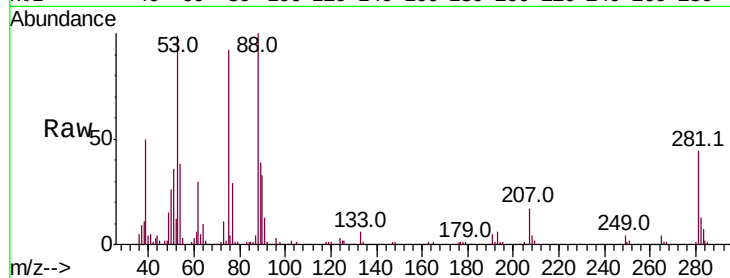




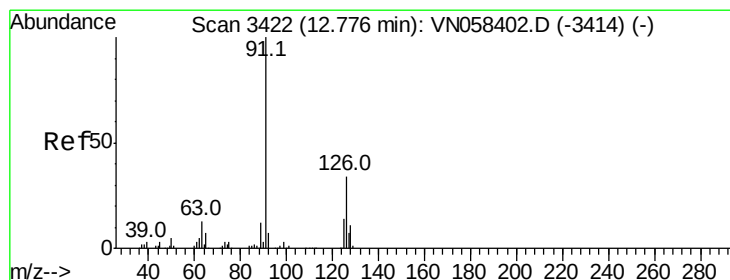
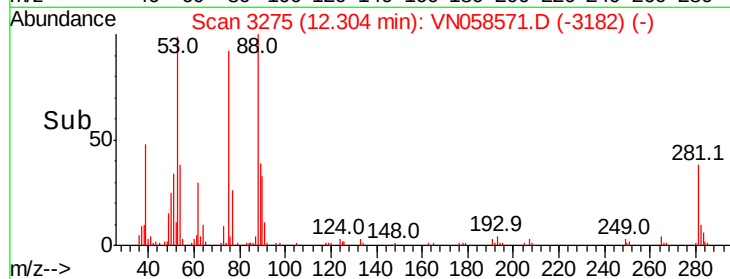
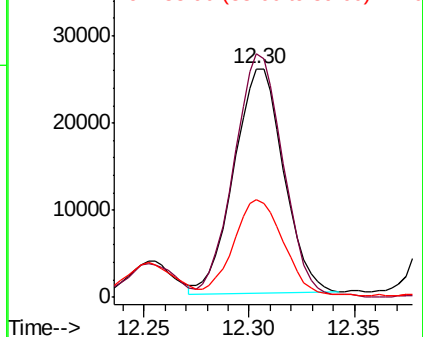
#81
trans-1,4-Dichloro-2-butene
Concen: 22.714 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 42228
Ion Ratio Lower Upper
75 100
53 107.7 85.4 128.0
89 44.8 35.0 52.4

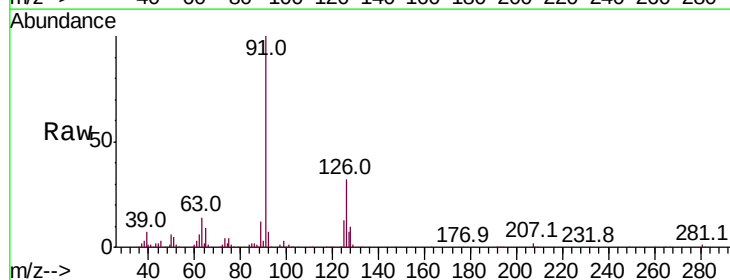


Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO

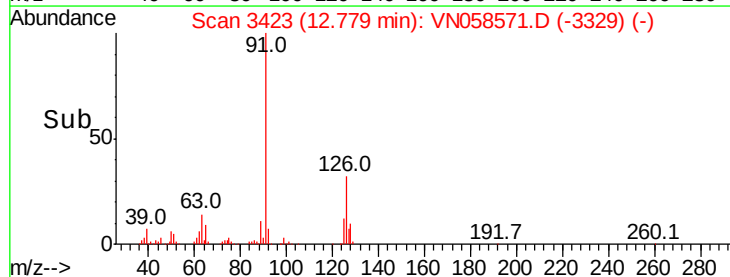
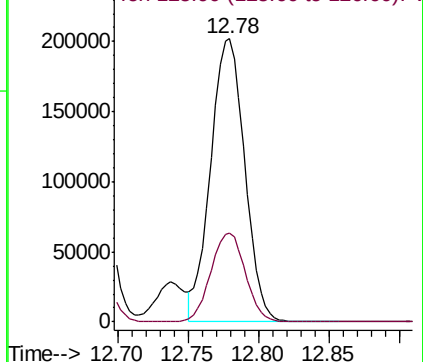


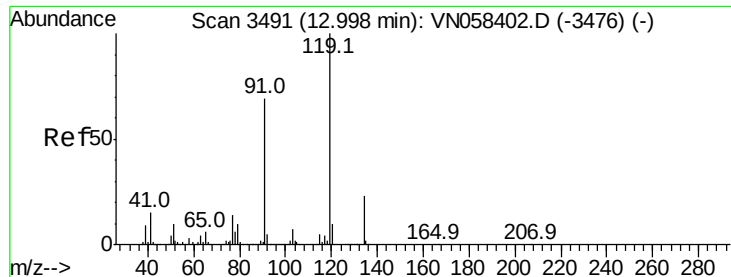
#82
4-Chlorotoluene
Concen: 20.858 ug/l
RT: 12.78 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN058571.D
Acq: 7 Oct 2019 17:08

Tgt Ion: 91 Resp: 338118
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.544 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

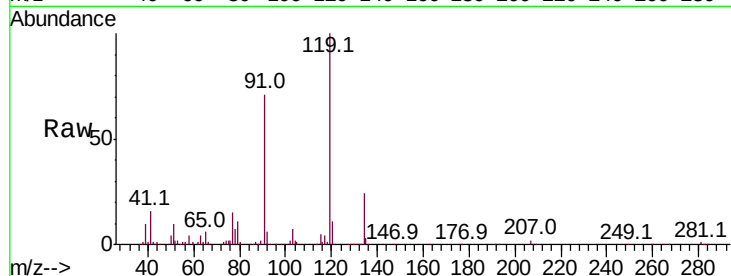
Tot Ion:119 Resp: 347663

Ion Ratio Lower Upper

119 100

91 67.9 34.2 102.6

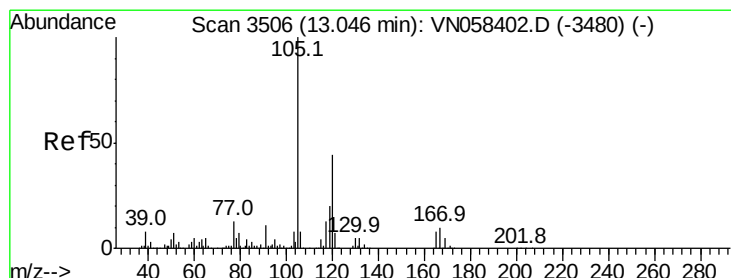
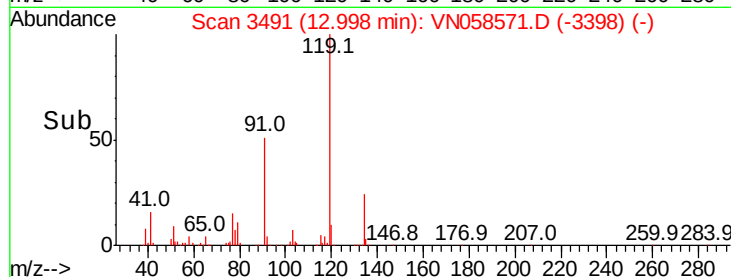
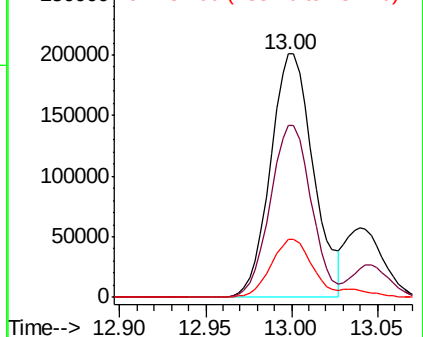
134 25.4 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.182 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058571.D

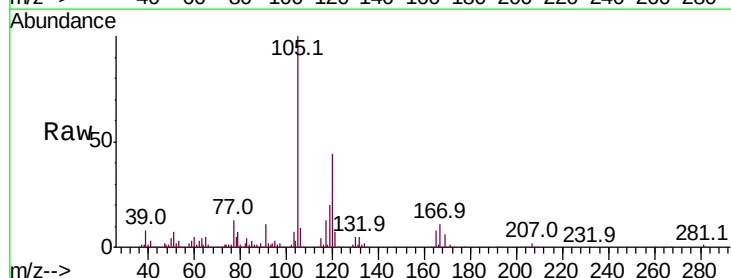
Acq: 7 Oct 2019 17:08

Tgt Ion:105 Resp: 405853

Ion Ratio Lower Upper

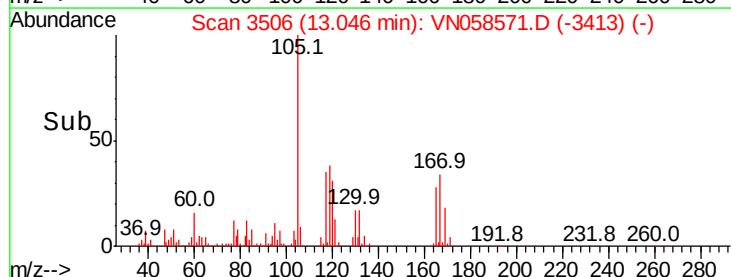
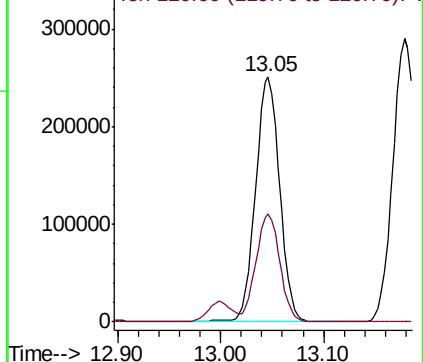
105 100

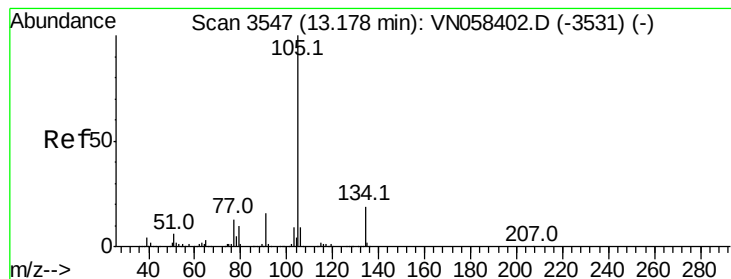
120 43.7 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.486 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

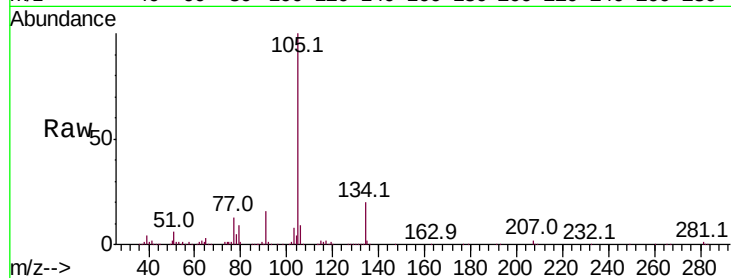
ClientSampleId :

Tot Ion:105 Resp: 456358

Ion Ratio Lower Upper

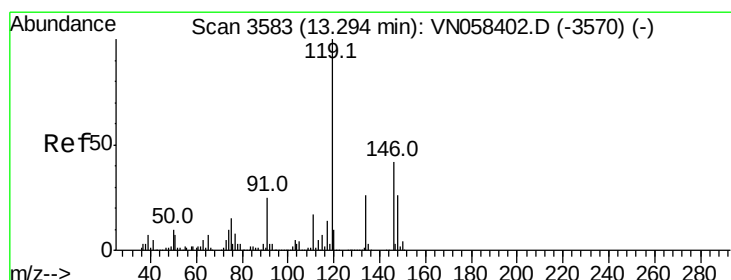
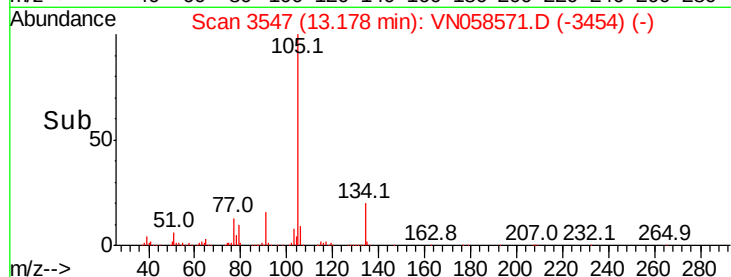
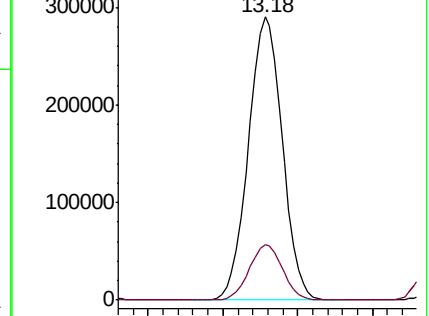
105 100

134 19.4 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.899 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

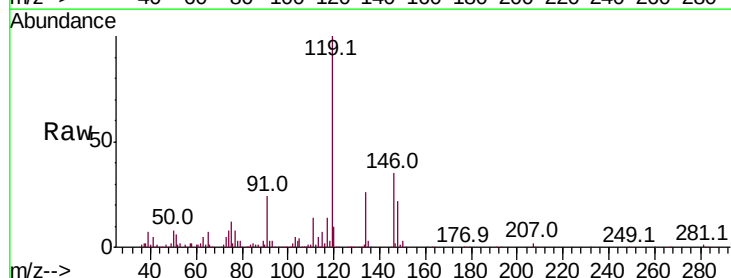
Tgt Ion:119 Resp: 409436

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

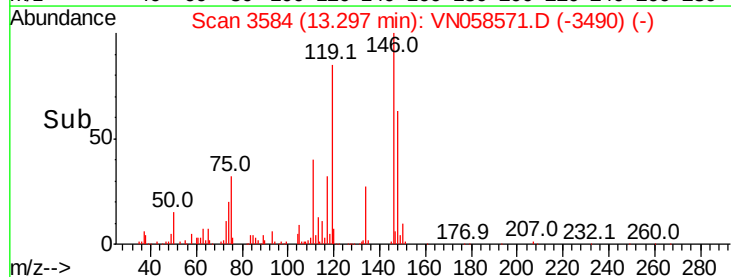
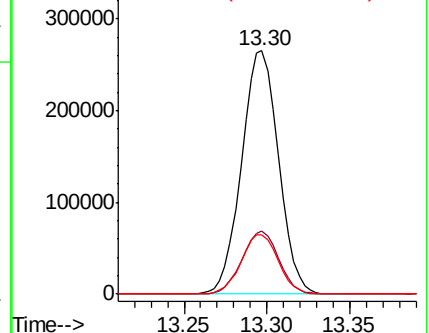
91 24.7 12.4 37.0

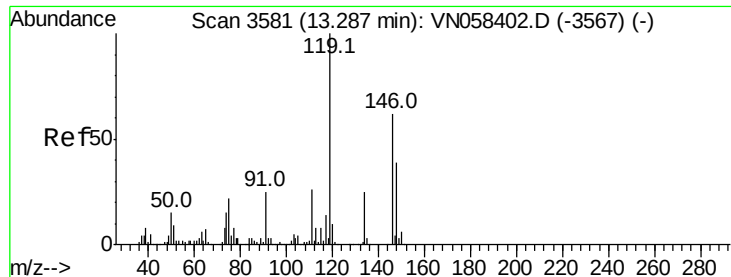


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

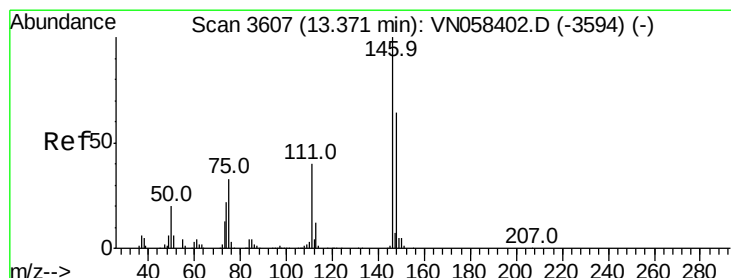
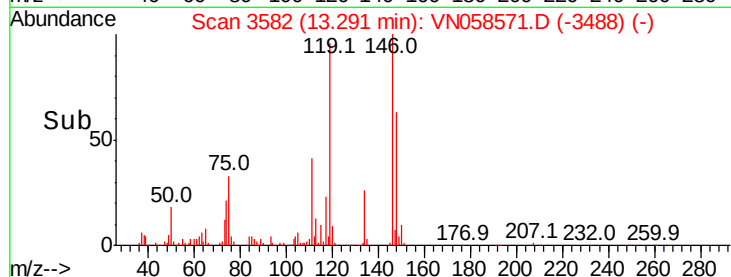
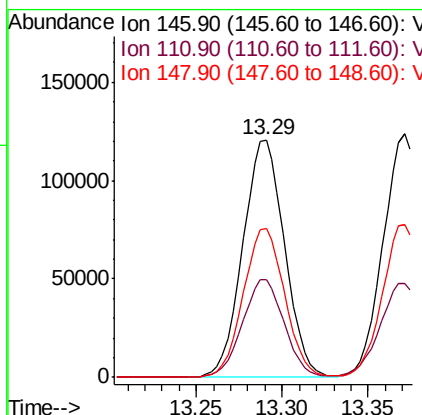
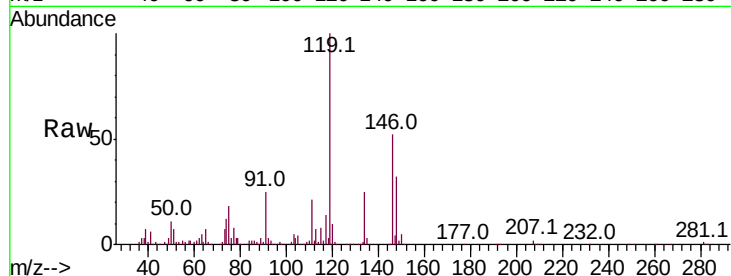




#87
 1,3-Dichlorobenzene
 Concen: 20.937 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

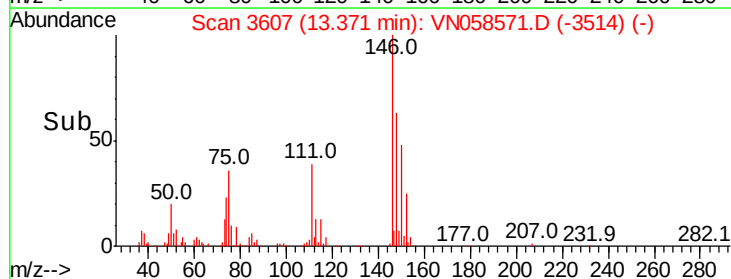
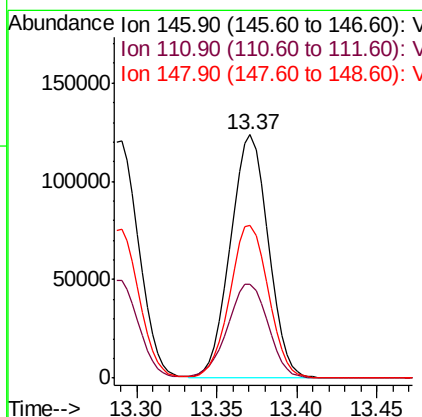
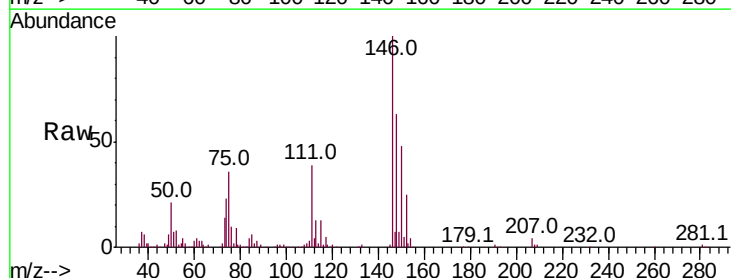
Instrument :
 MSVOA_N
 ClientSampleId :

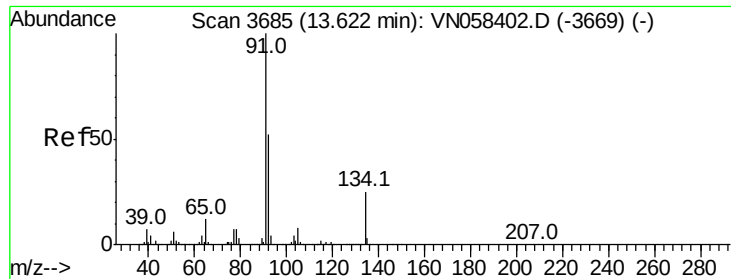
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.4
148	62.4	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 20.635 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	64.0	31.5	94.5





#89

n-Butylbenzene

Concen: 21.254 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

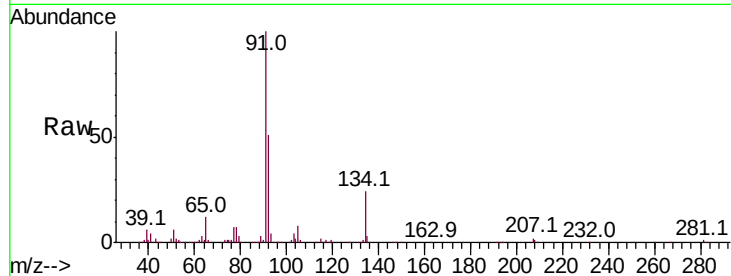
Tot Ion: 91 Resp: 359951

Ion Ratio Lower Upper

91 100

92 51.7 25.7 77.1

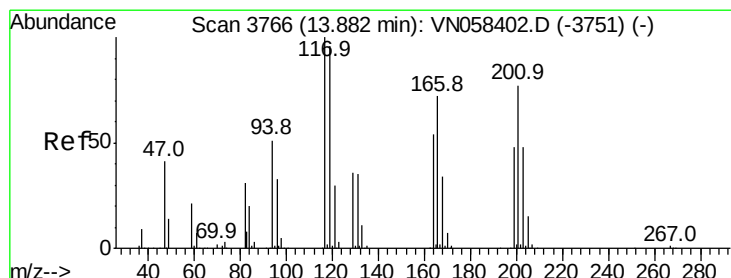
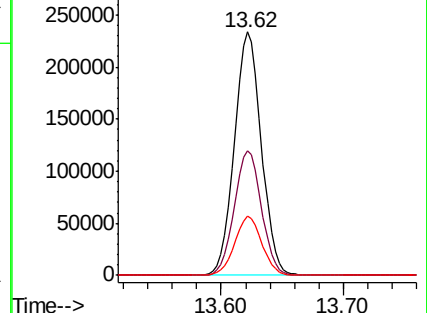
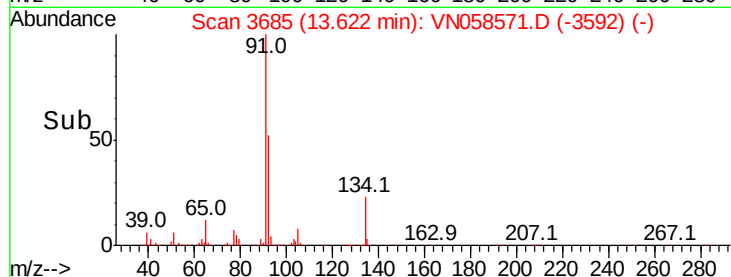
134 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN058571.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN058571.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN058571.D (-3685) (-)



#90

Hexachloroethane

Concen: 23.832 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058571.D

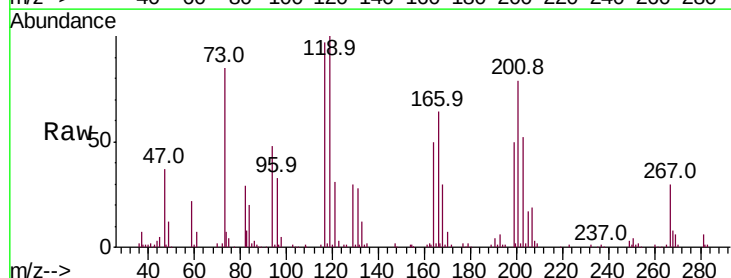
Acq: 7 Oct 2019 17:08

Tgt Ion: 117 Resp: 66947

Ion Ratio Lower Upper

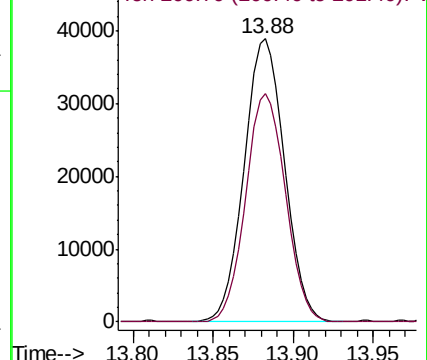
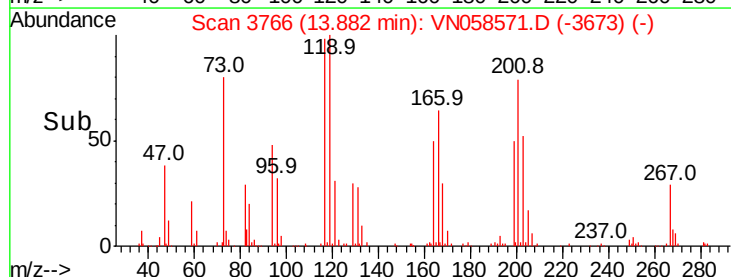
117 100

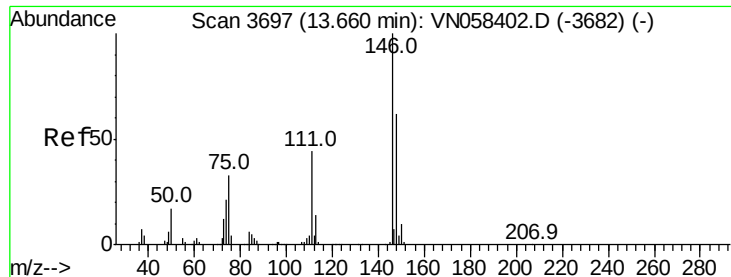
201 79.2 38.6 116.0



Abundance Ion 116.80 (116.50 to 117.50): VN058571.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN058571.D (-3766) (-)





#91

1,2-Dichlorobenzene

Concen: 21.541 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

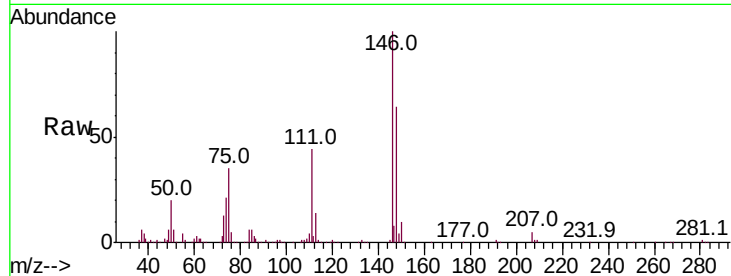
Tot Ion:146 Resp: 201037

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

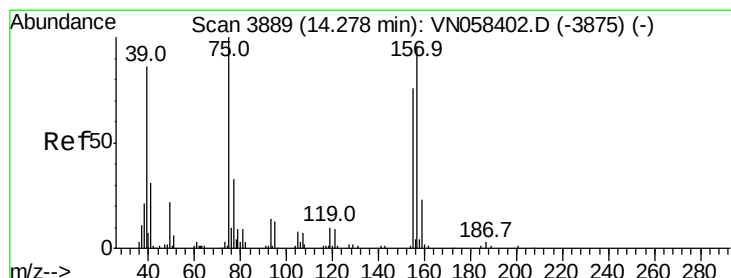
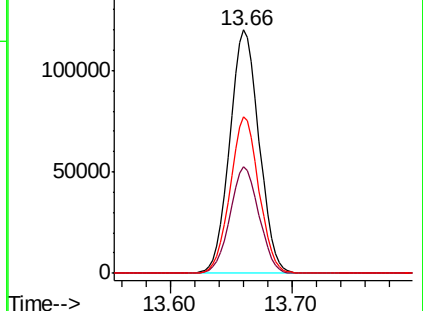
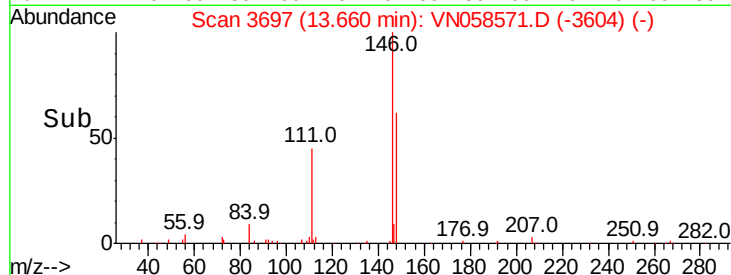
148 63.2 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.972 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

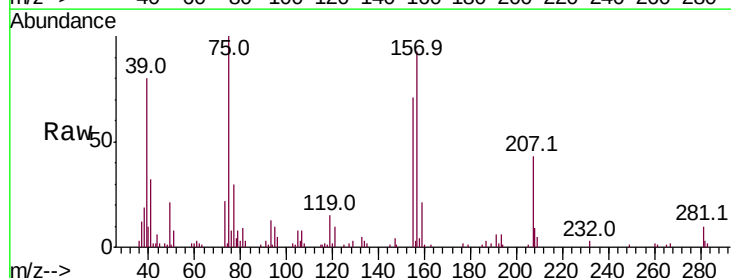
Tgt Ion: 75 Resp: 29749

Ion Ratio Lower Upper

75 100

155 73.7 39.2 117.6

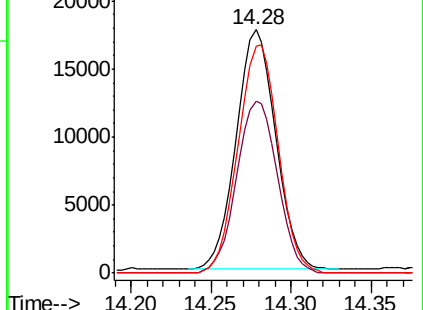
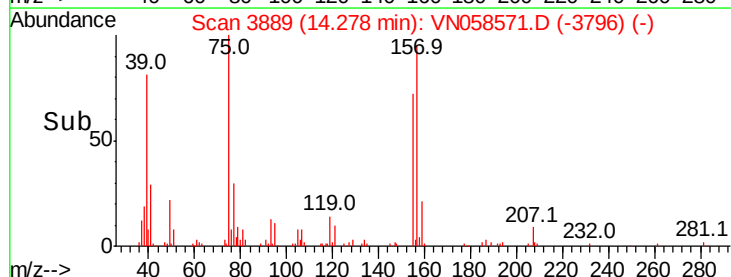
157 96.5 48.7 146.1

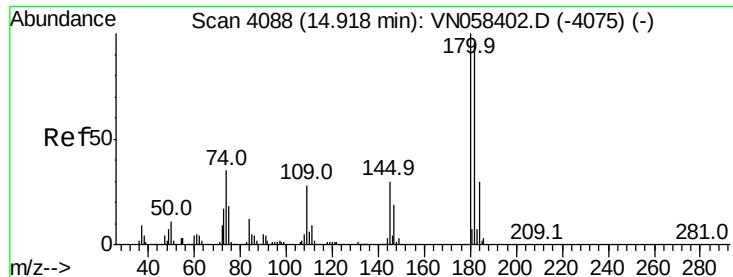


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

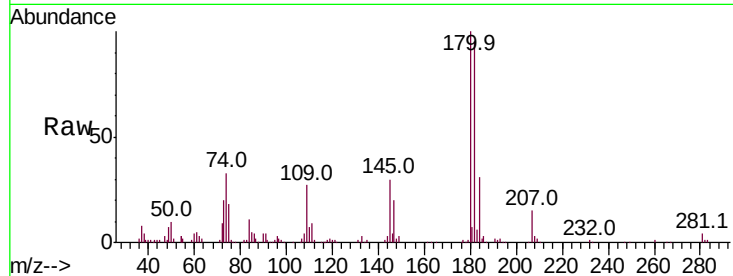




#93
 1,2,4-Trichlorobenzene
 Concen: 22.337 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.3
145	30.7	15.3	45.9

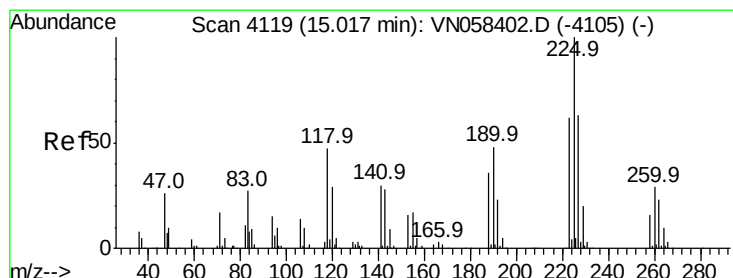
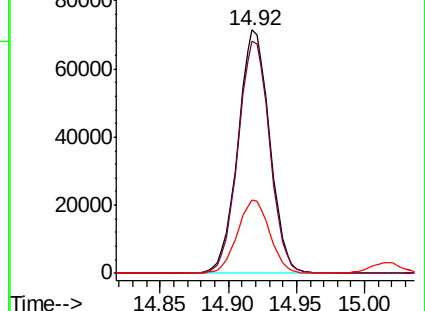
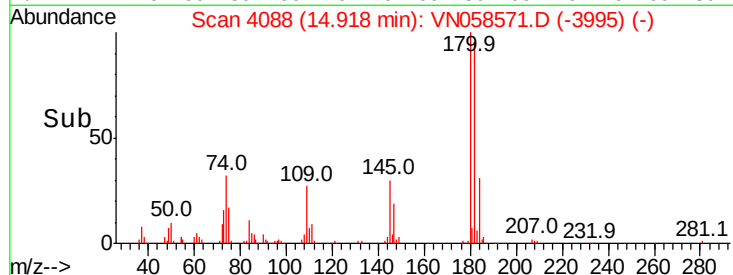


Abundance

Ion 179.80 (179.50 to 180.50): V

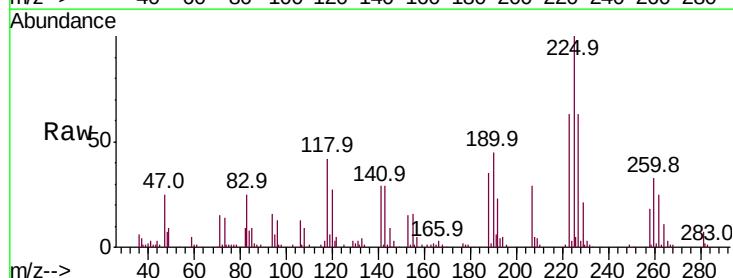
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.314 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058571.D
 Acq: 7 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.5
227	64.1	31.4	94.2

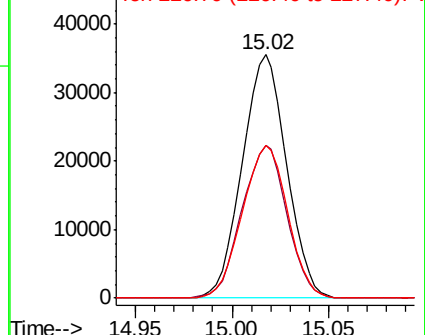
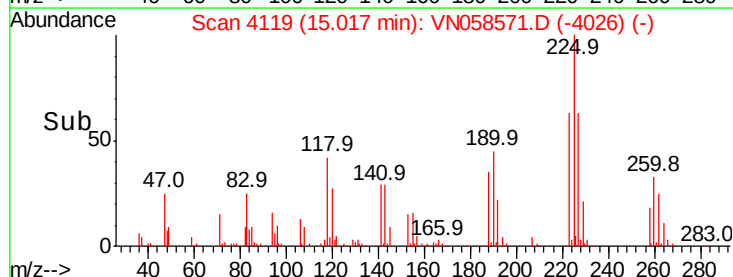


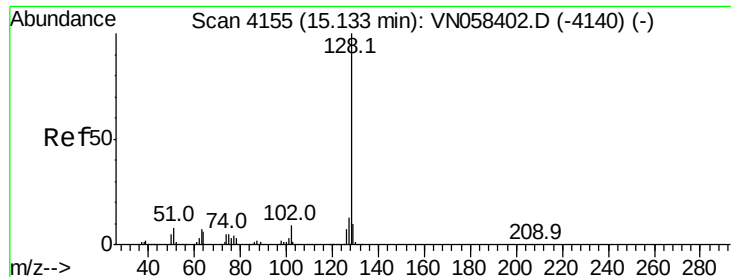
Abundance

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: 21.042 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

Instrument :

MSVOA_N

ClientSampleId :

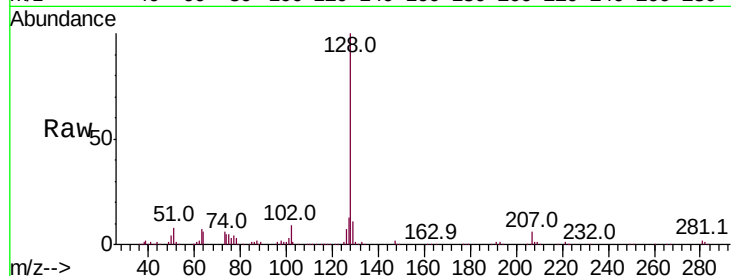
Tot Ion:128 Resp: 318065

Ion Ratio Lower Upper

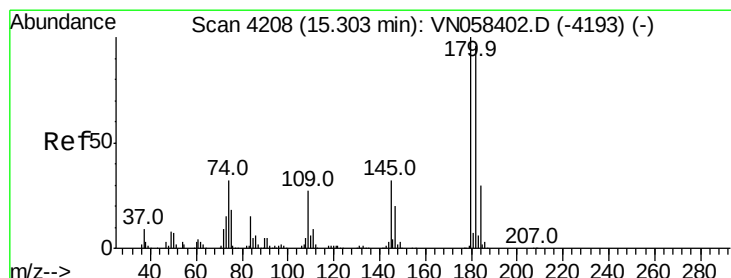
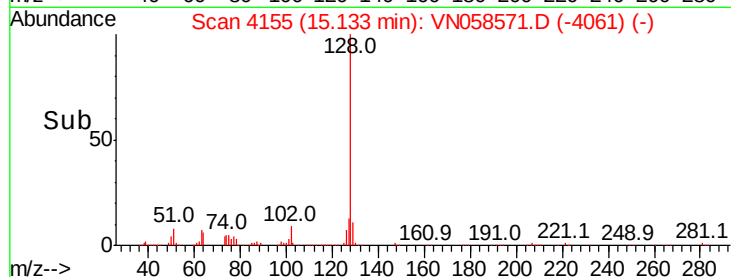
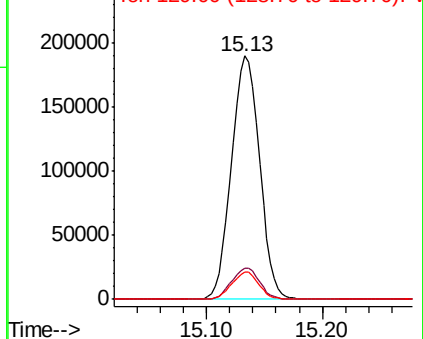
128 100

127 12.8 10.2 15.4

129 10.7 8.3 12.5



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: 21.232 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058571.D

Acq: 7 Oct 2019 17:08

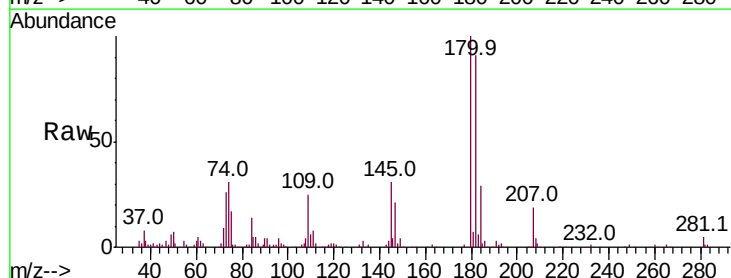
Tgt Ion:180 Resp: 109857

Ion Ratio Lower Upper

180 100

182 92.5 48.3 144.9

145 31.9 16.1 48.3



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

