

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
 Data File : VN053291.D
 Acq On : 4 Jan 2019 19:56
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

Quant Time: Jan 05 00:46:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 05 00:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	916389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1395596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1277091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	458612	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.59	113	391515	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.09	98	1690420	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.40	95	598783	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	399019	49.559	ug/l	99
3) Chloromethane	2.06	50	557657	50.598	ug/l	99
4) Vinyl Chloride	2.19	62	527107	49.190	ug/l	99
5) Bromomethane	2.56	94	357185	50.927	ug/l	98
6) Chloroethane	2.70	64	308811	48.693	ug/l	99
7) Trichlorofluoromethane	3.02	101	667358	48.625	ug/l	100
8) Diethyl Ether	3.41	74	267439	50.538	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	420365	48.407	ug/l	100
10) Methyl Iodide	3.96	142	624259	50.380	ug/l	100
11) Tert butyl alcohol	4.78	59	141390	246.564	ug/l	100
12) 1,1-Dichloroethene	3.74	96	415530	49.527	ug/l	98
13) Acrolein	3.61	56	180597	250.480	ug/l	100
14) Allyl chloride	4.33	41	694763	51.465	ug/l	96
15) Acrylonitrile	4.99	53	833518	248.539	ug/l	99
16) Acetone	3.82	43	536599	220.032	ug/l	99
17) Carbon Disulfide	4.06	76	1294847	50.307	ug/l	100
18) Methyl Acetate	4.32	43	386638	46.799	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1178831	50.390	ug/l	100
20) Methylene Chloride	4.55	84	479670	48.405	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	449169	49.592	ug/l	99
22) Diisopropyl ether	5.95	45	1443451	50.010	ug/l	96
23) Vinyl Acetate	5.90	43	4736871	258.313	ug/l	100
24) 1,1-Dichloroethane	5.85	63	828360	49.350	ug/l	100
25) 2-Butanone	6.83	43	917164	240.179	ug/l	100
26) 2,2-Dichloropropane	6.82	77	596191	48.704	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	514186	49.649	ug/l	100
28) Bromochloromethane	7.19	49	370094	50.212	ug/l	99
29) Tetrahydrofuran	7.21	42	617037	247.201	ug/l	100
30) Chloroform	7.37	83	804217	48.757	ug/l	99
31) Cyclohexane	7.66	56	781363	48.031	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	683484	49.631	ug/l	99
36) 1,1-Dichloropropene	7.80	75	639932	49.954	ug/l	99
37) Ethyl Acetate	6.93	43	414130	49.306	ug/l	99
38) Carbon Tetrachloride	7.77	117	596324	49.875	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	743939	49.448	ug/l	100
40) Benzene	8.04	78	1942700	49.173	ug/l	100
41) Methacrylonitrile	7.17	41	199474	41.692	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	566318	48.271	ug/l	100
43) Isopropyl Acetate	8.16	43	762238	46.792	ug/l	100
44) Trichloroethene	8.84	130	532811	49.427	ug/l	99
45) 1,2-Dichloropropane	9.12	63	513453	49.308	ug/l	100
46) Dibromomethane	9.21	93	294569	49.172	ug/l	99
47) Bromodichloromethane	9.40	83	623211	49.735	ug/l	100
48) Methyl methacrylate	9.20	41	375180	50.252	ug/l	98
49) 1,4-Dioxane	9.20	88	78908	1037.774	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2070447	250.950	ug/l	100
52) Toluene	10.16	92	1217779	50.454	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	660733	51.718	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	754511	51.234	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	432550	49.112	ug/l	99
56) Ethyl methacrylate	10.43	69	603959	52.561	ug/l	100
57) 1,3-Dichloropropane	10.71	76	737907	49.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1583519	249.368	ug/l	100
59) 2-Hexanone	10.75	43	1429313	250.100	ug/l	100
60) Dibromochloromethane	10.90	129	483521	50.428	ug/l	100
61) 1,2-Dibromoethane	11.01	107	445292	50.732	ug/l	100
64) Tetrachloroethene	10.63	164	557666	47.030	ug/l	100
65) Chlorobenzene	11.43	112	1349664	49.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	473412	49.836	ug/l	99
67) Ethyl Benzene	11.51	91	2336806	50.411	ug/l	100
68) m/p-Xylenes	11.62	106	1797218	102.143	ug/l	99
69) o-Xylene	11.95	106	875164	51.269	ug/l	99
70) Styrene	11.96	104	1438661	51.622	ug/l	100
71) Bromoform	12.13	173	342501	50.733	ug/l	100
73) Isopropylbenzene	12.25	105	2299546	50.780	ug/l	100
74) N-amyl acetate	12.07	43	698472	51.734	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	512950	48.839	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	687037	72.409	ug/l #	100
77) Bromobenzene	12.53	156	600658	49.744	ug/l	99
78) n-propylbenzene	12.59	91	2616212	51.115	ug/l	100
79) 2-Chlorotoluene	12.68	91	1542057	49.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1860596	50.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	159850	52.742	ug/l	99
82) 4-Chlorotoluene	12.77	91	1586514	49.812	ug/l	100
83) tert-Butylbenzene	12.99	119	1610573	50.450	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1907007	51.557	ug/l	99
85) sec-Butylbenzene	13.17	105	2152459	50.749	ug/l	100
86) p-Isopropyltoluene	13.29	119	1882958	51.263	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1055809	50.204	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1048447	49.508	ug/l	100
89) n-Butylbenzene	13.62	91	1571524	51.659	ug/l	99
90) Hexachloroethane	13.88	117	301283	51.921	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	1004206	51.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68080	53.413	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

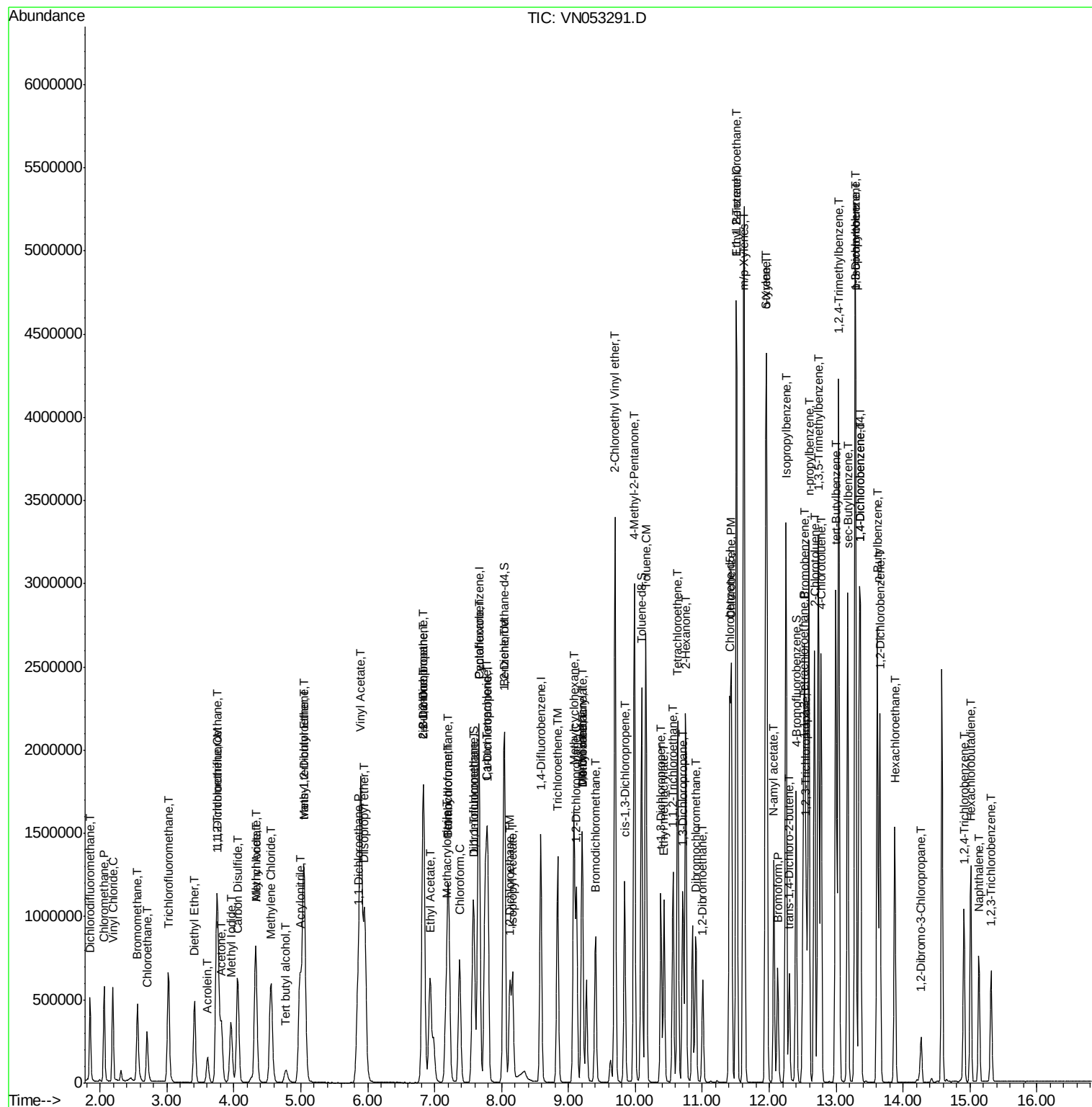
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	372464	60.804	ug/l	100
94) Hexachlorobutadiene	15.01	225	284452	53.829	ug/l	99
95) Naphthalene	15.13	128	668982	56.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	258001	64.960	ug/l	99

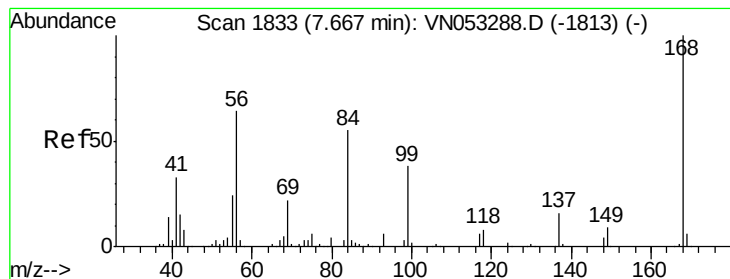
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

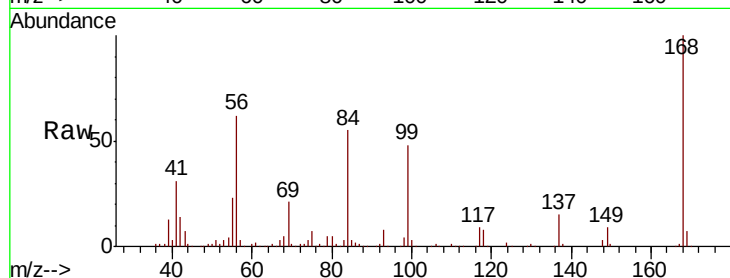
ICVVN010519

Tgt Ion:168 Resp: 916389

Ion Ratio Lower Upper

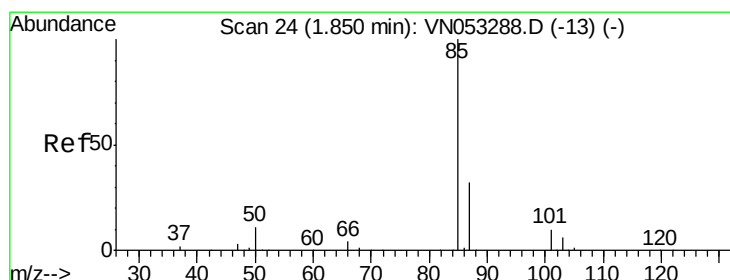
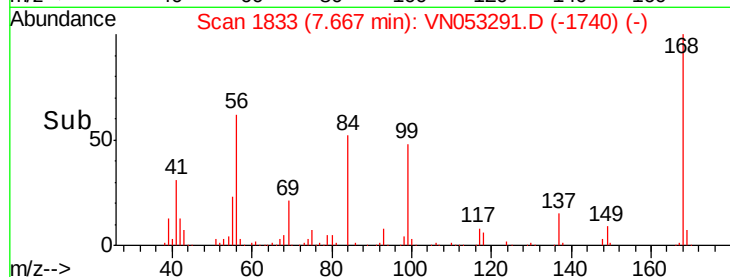
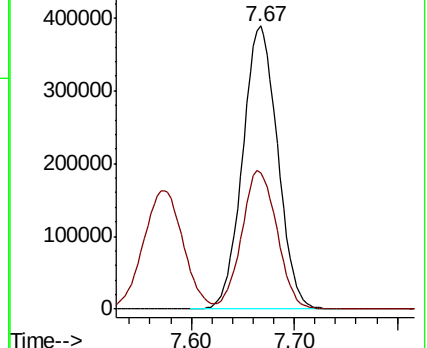
168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 49.559 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053291.D

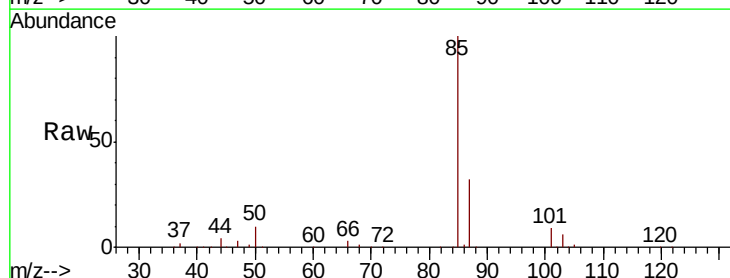
Acq: 4 Jan 2019 19:56

Tgt Ion: 85 Resp: 399019

Ion Ratio Lower Upper

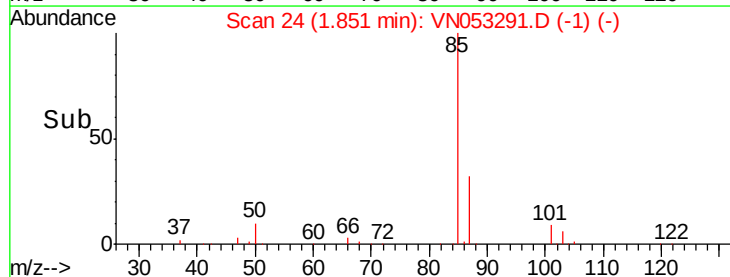
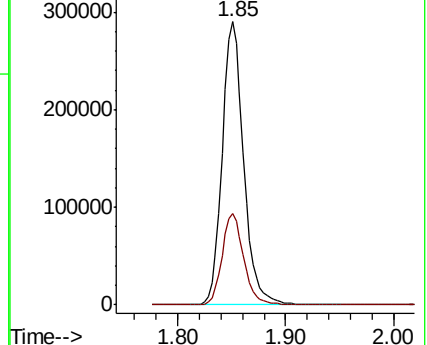
85 100

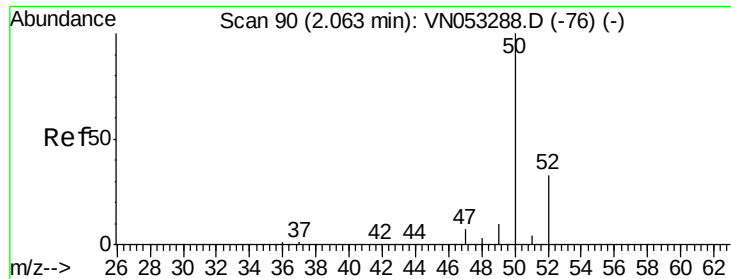
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 50.598 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

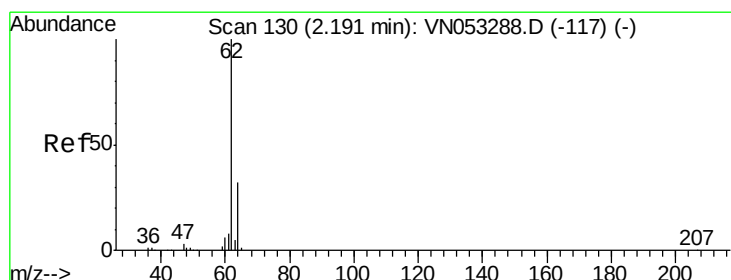
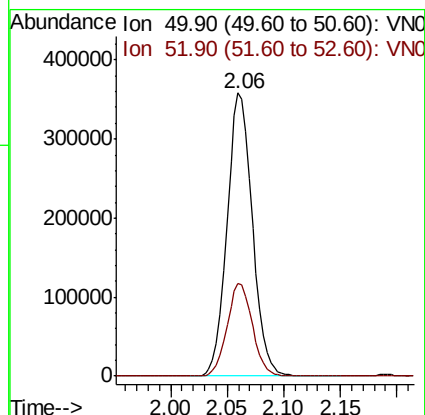
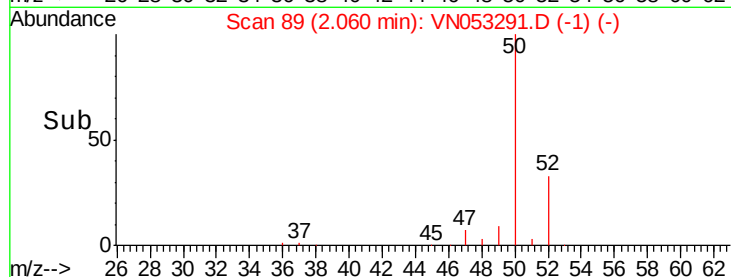
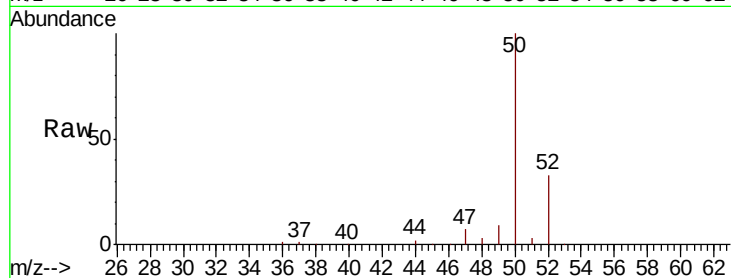
ICVFN010519

Tgt Ion: 50 Resp: 557657

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 49.190 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053291.D

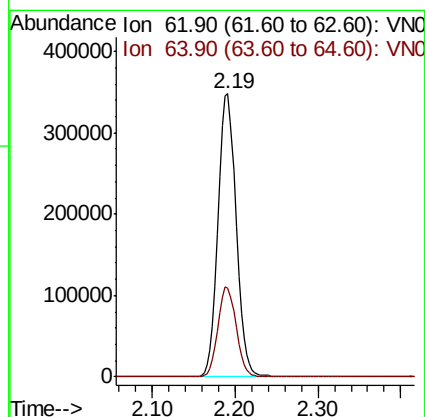
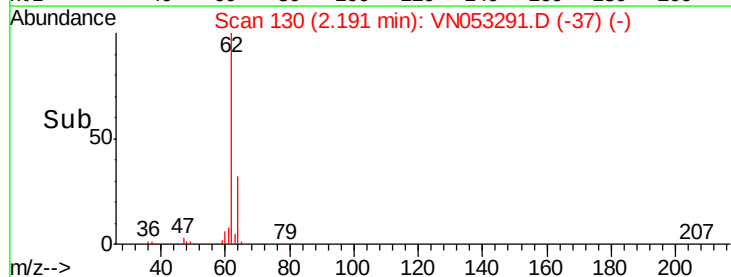
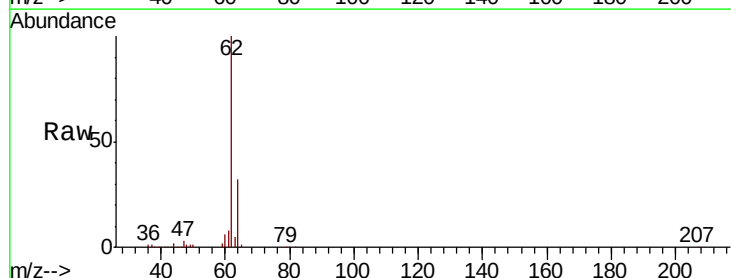
Acq: 4 Jan 2019 19:56

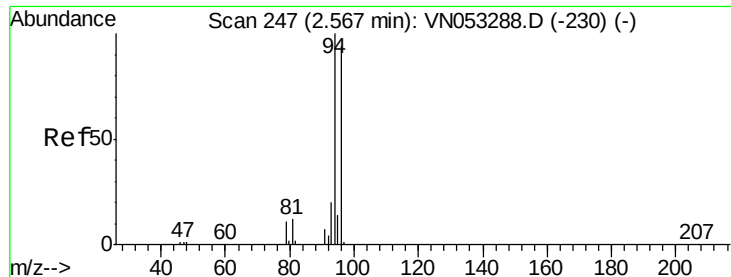
Tgt Ion: 62 Resp: 527107

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 50.927 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

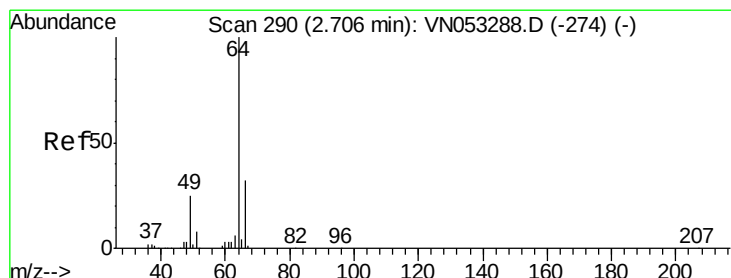
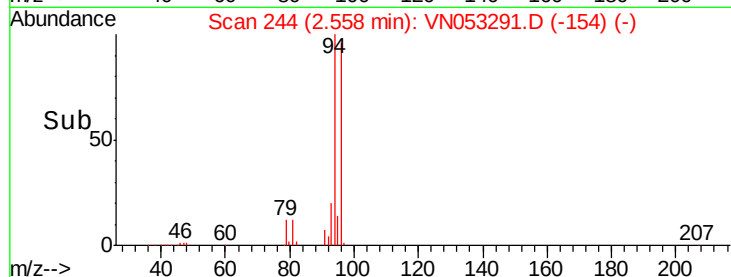
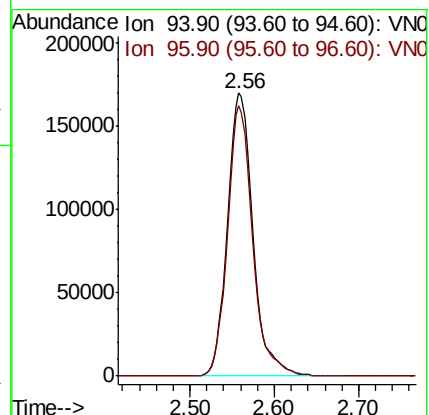
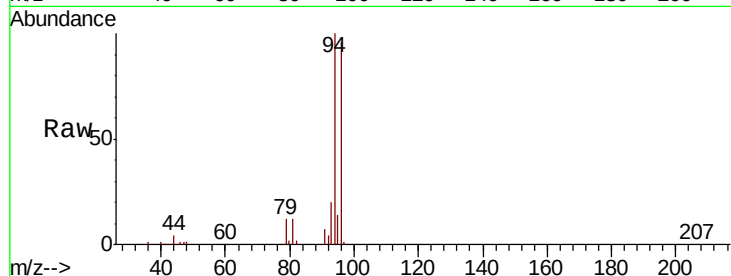
ICVVN010519

Tgt Ion: 94 Resp: 357185

Ion Ratio Lower Upper

94 100

96 95.8 74.9 112.3



#6

Chloroethane

Concen: 48.693 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN053291.D

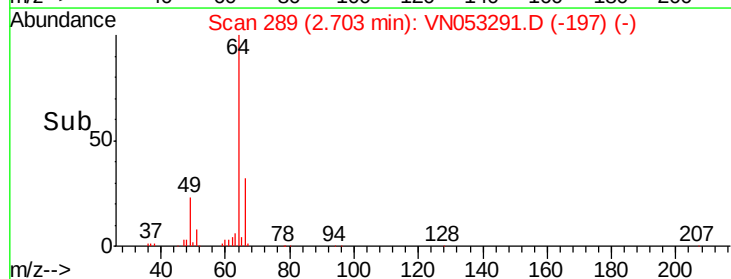
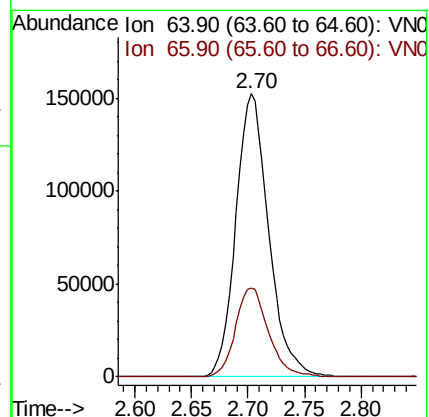
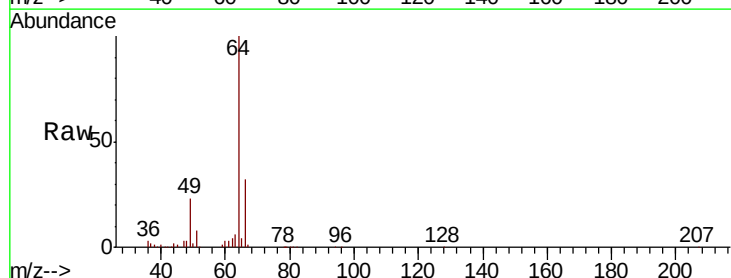
Acq: 4 Jan 2019 19:56

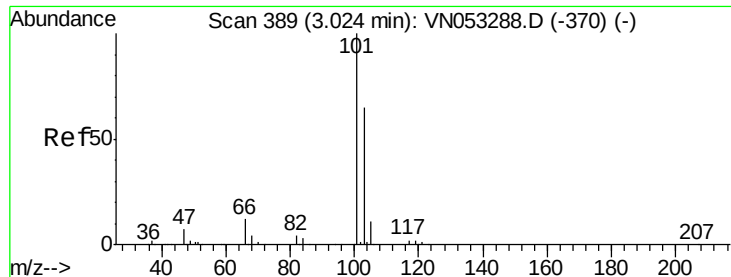
Tgt Ion: 64 Resp: 308811

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



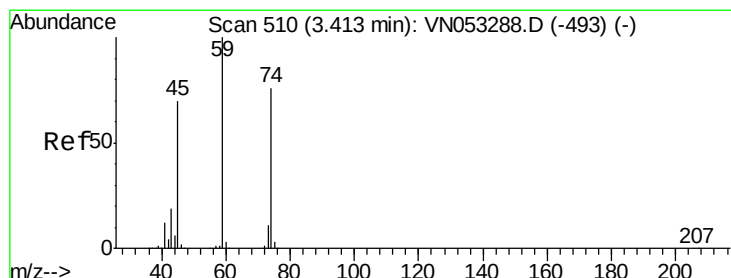
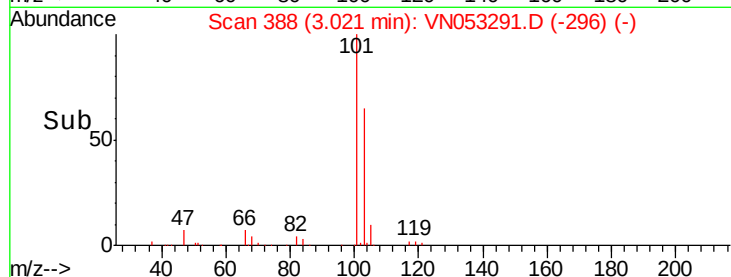
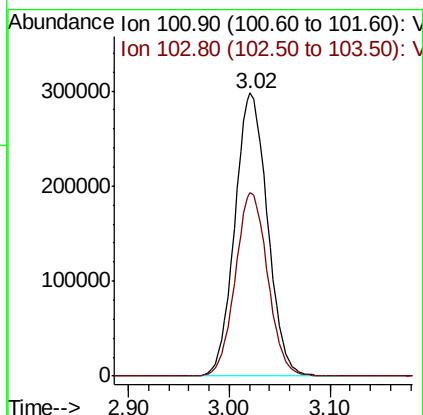
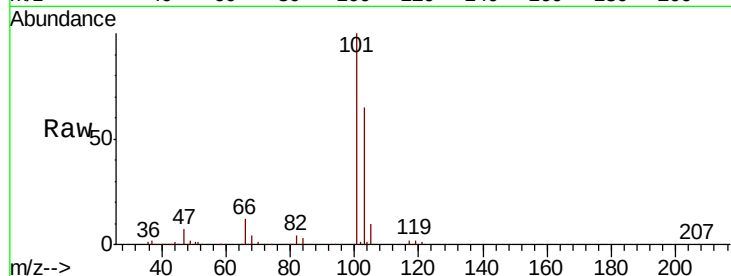


#7

Trichlorofluoromethane
Concen: 48.625 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
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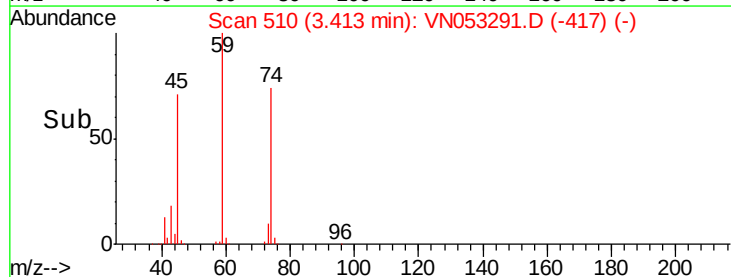
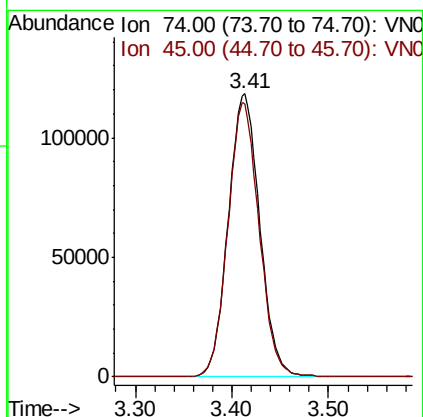
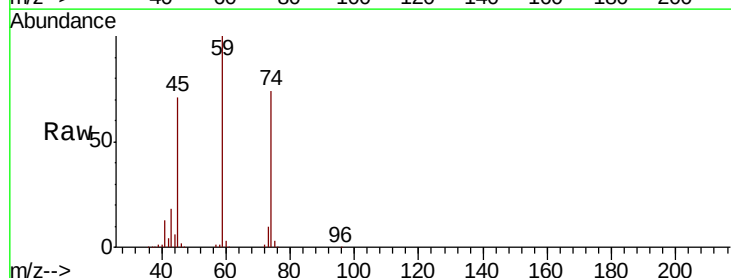
Tgt Ion:101 Resp: 667358
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

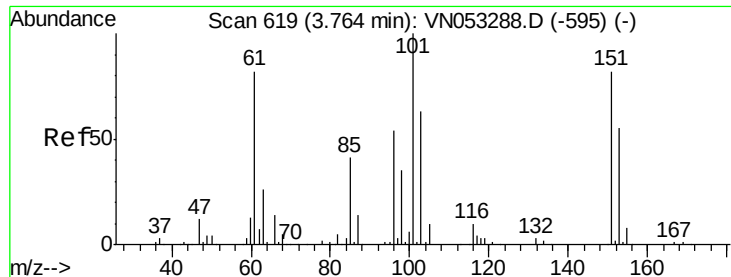


#8

Diethyl Ether
Concen: 50.538 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 74 Resp: 267439
Ion Ratio Lower Upper
74 100
45 95.6 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.407 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

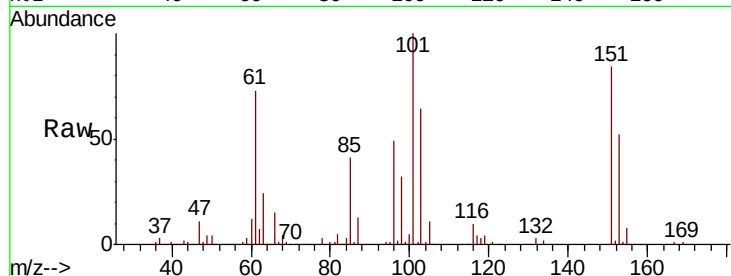
Tgt Ion:101 Resp: 420365

Ion Ratio Lower Upper

101 100

85 41.6 33.3 49.9

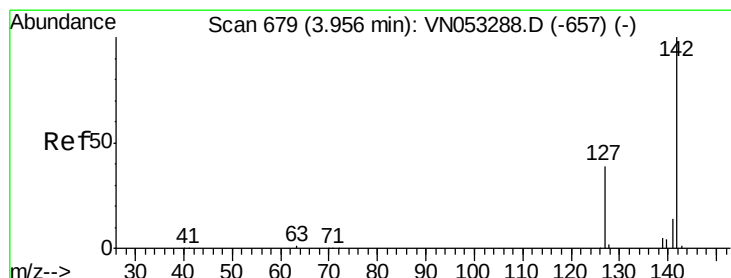
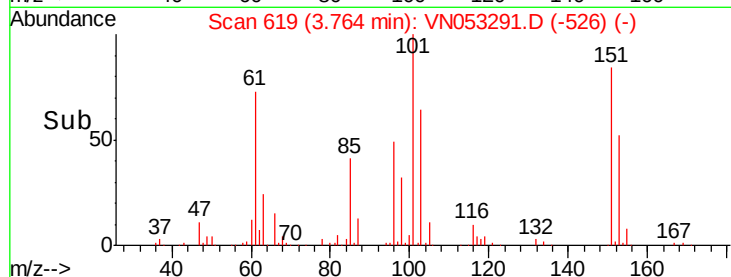
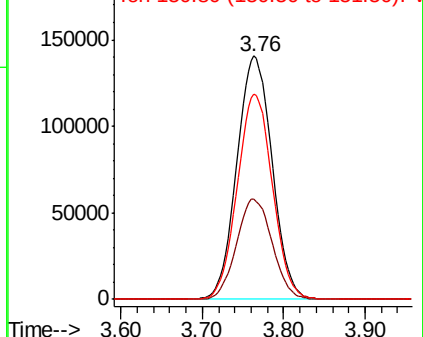
151 84.0 67.0 100.4



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: 50.380 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

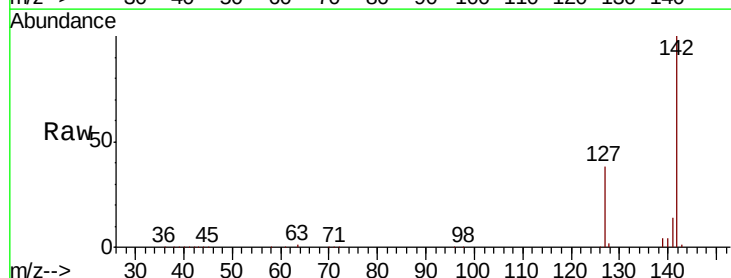
Tgt Ion:142 Resp: 624259

Ion Ratio Lower Upper

142 100

127 38.4 30.9 46.3

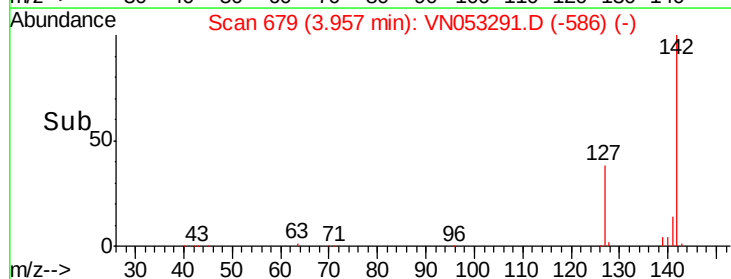
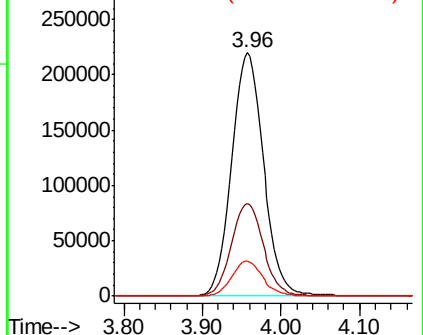
141 13.9 11.2 16.8

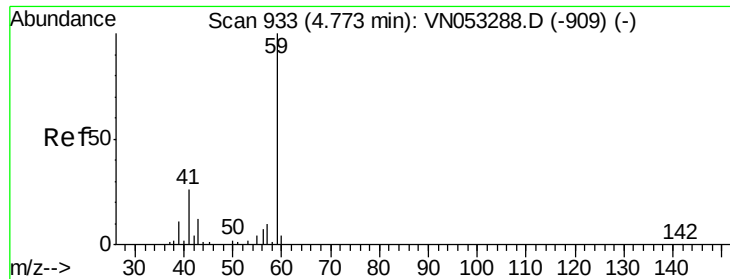


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

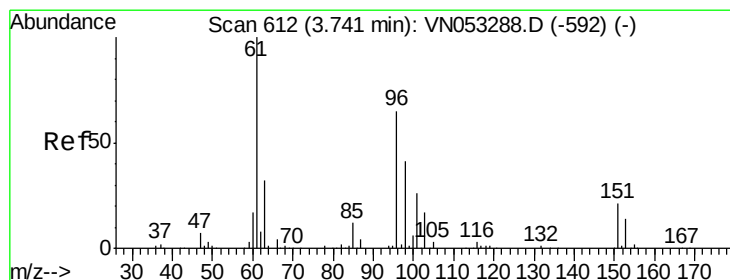
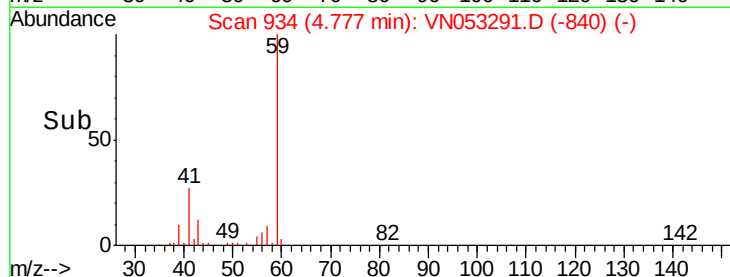
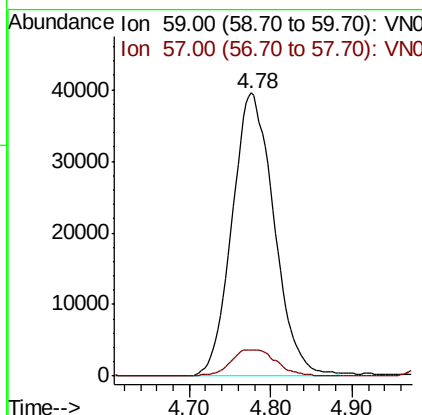
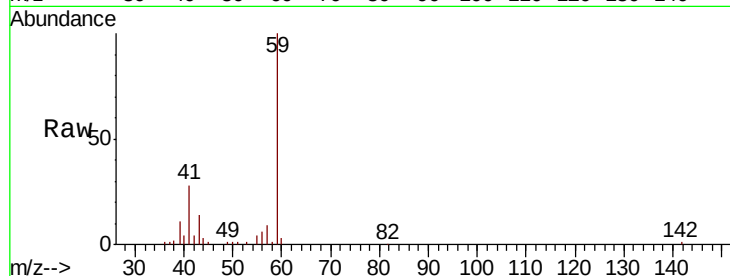




#11
Tert butyl alcohol
Concen: 246.564 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

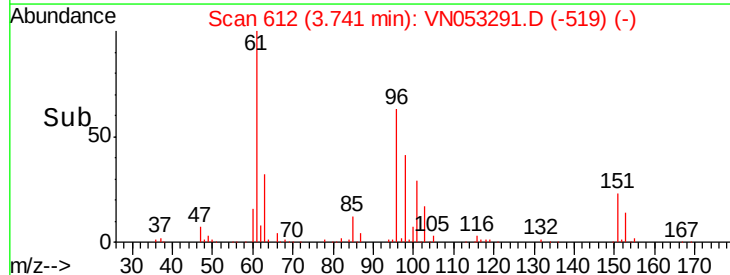
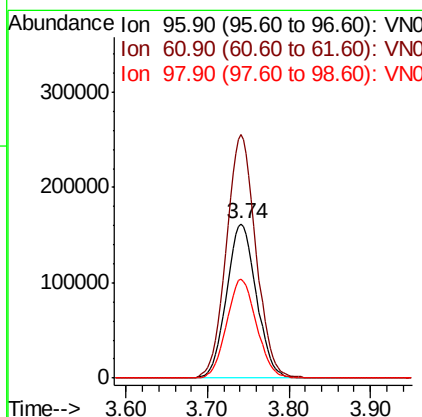
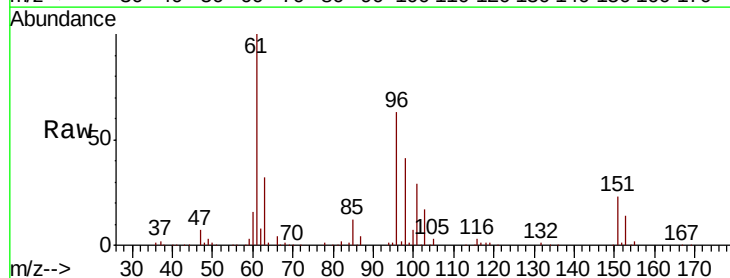
Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

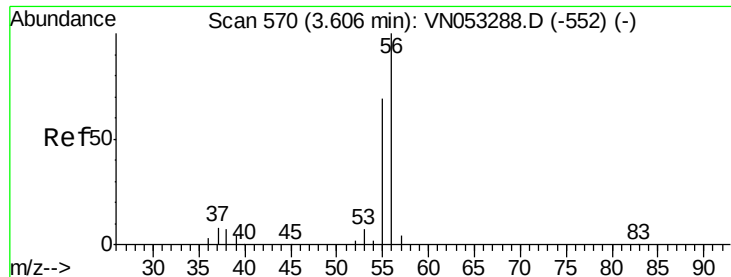
Tgt Ion: 59 Resp: 141390
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.527 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 96 Resp: 415530
Ion Ratio Lower Upper
96 100
61 157.6 123.2 184.8
98 64.0 50.5 75.7

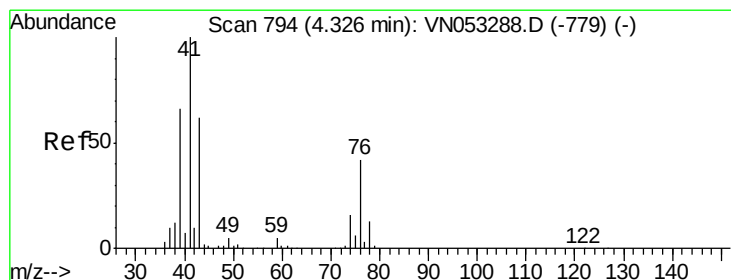
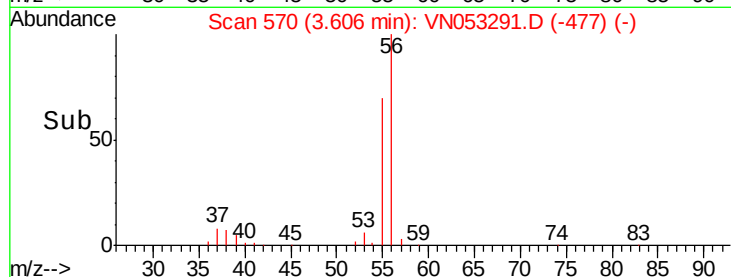
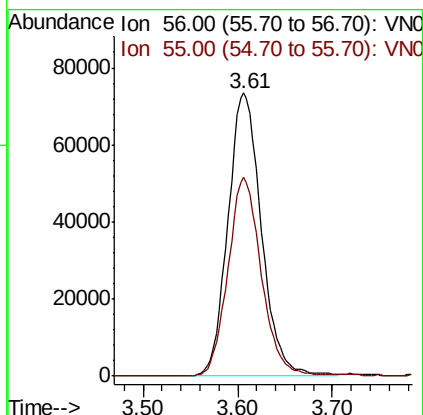
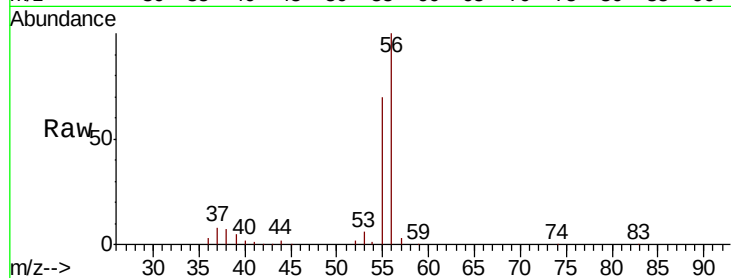




#13
 Acrolein
 Concen: 250.480 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

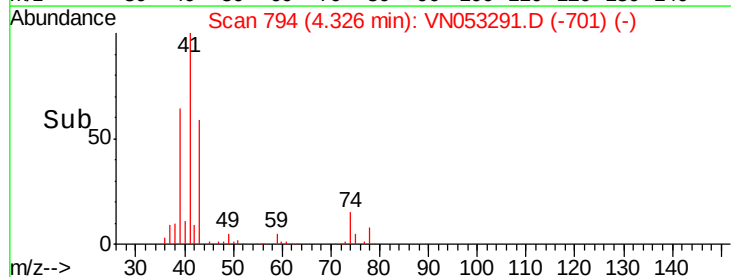
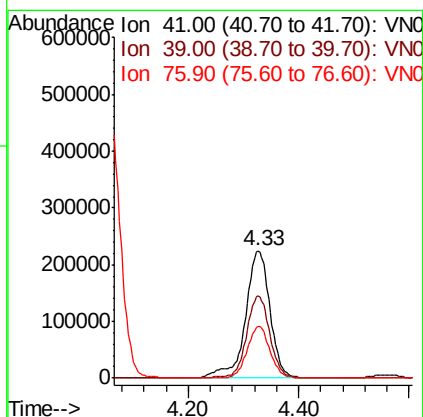
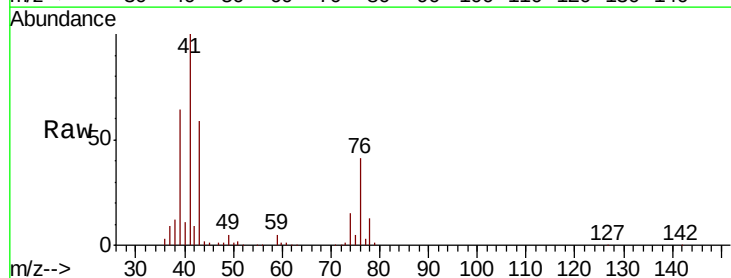
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

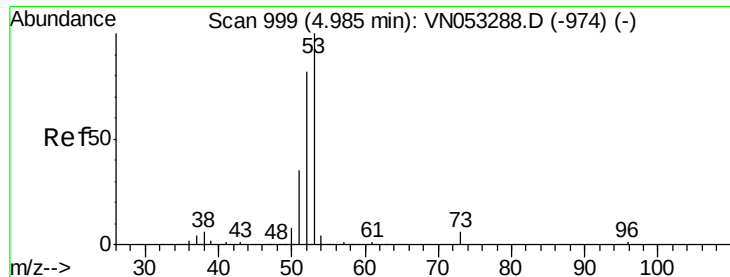
Tgt Ion: 56 Resp: 180597
 Ion Ratio Lower Upper
 56 100
 55 70.1 56.3 84.5



#14
 Allyl chloride
 Concen: 51.465 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion: 41 Resp: 694763
 Ion Ratio Lower Upper
 41 100
 39 61.1 51.9 77.9
 76 37.1 31.2 46.8





#15

Acrylonitrile

Concen: 248.539 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

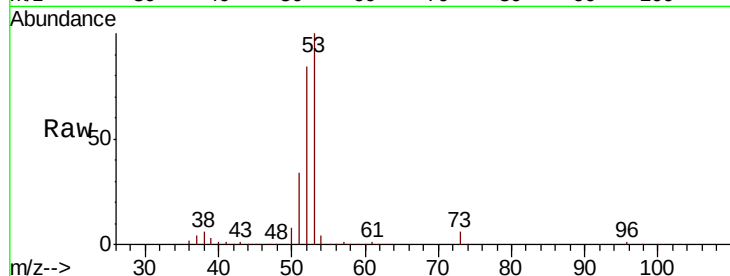
Tgt Ion: 53 Resp: 833518

Ion Ratio Lower Upper

53 100

52 82.6 65.2 97.8

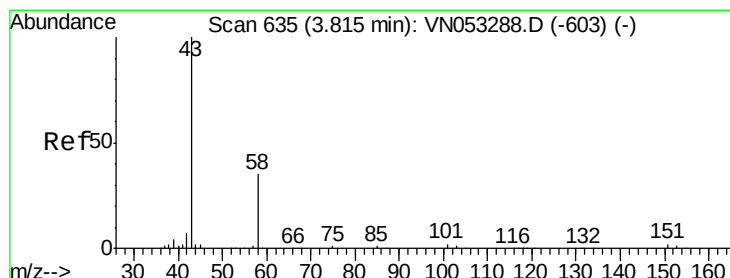
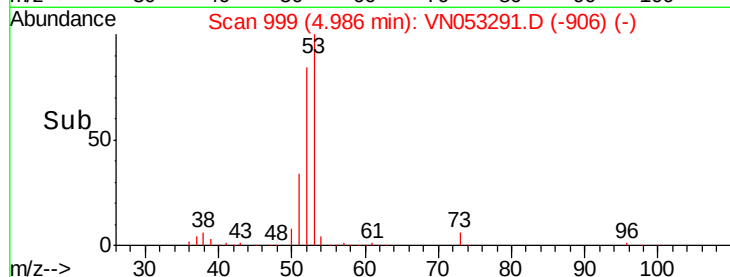
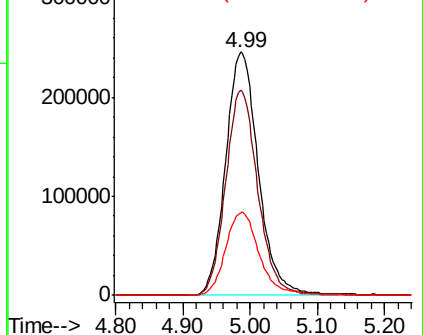
51 35.2 28.0 42.0



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: 220.032 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053291.D

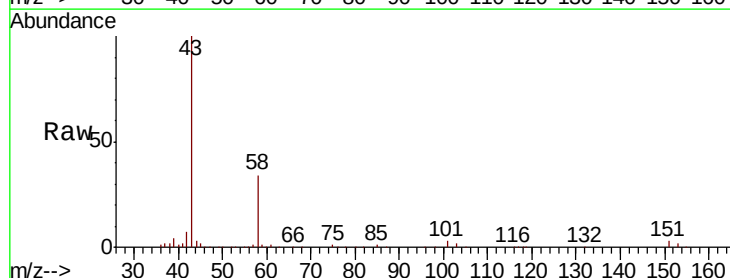
Acq: 4 Jan 2019 19:56

Tgt Ion: 43 Resp: 536599

Ion Ratio Lower Upper

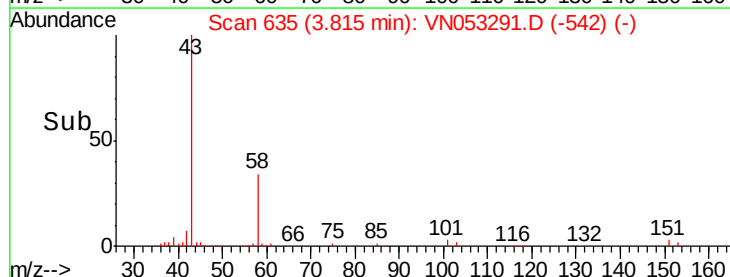
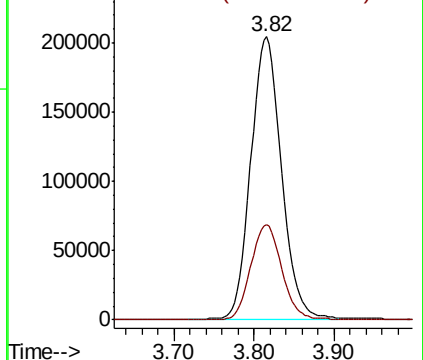
43 100

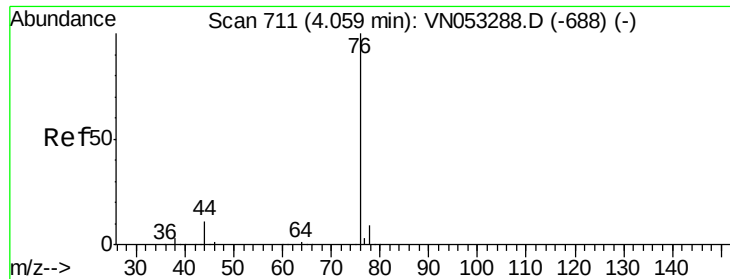
58 33.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

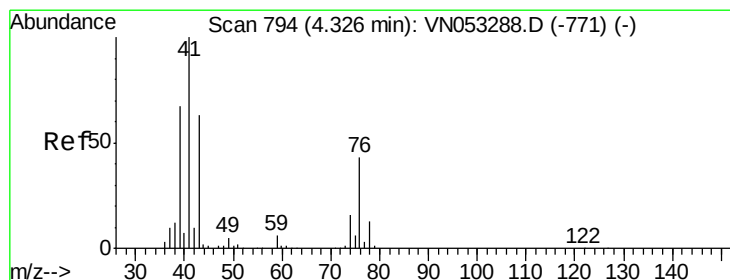
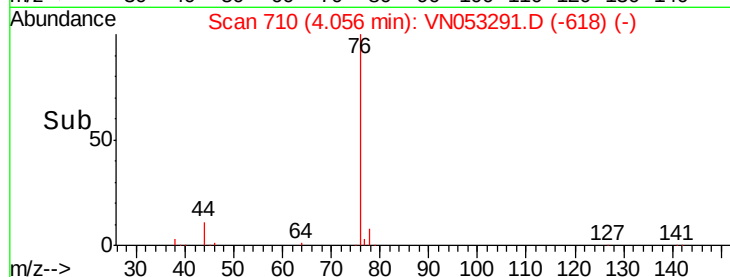
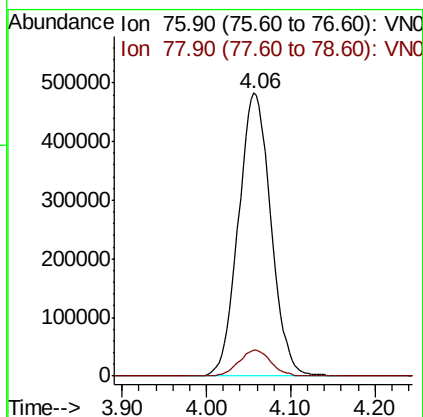
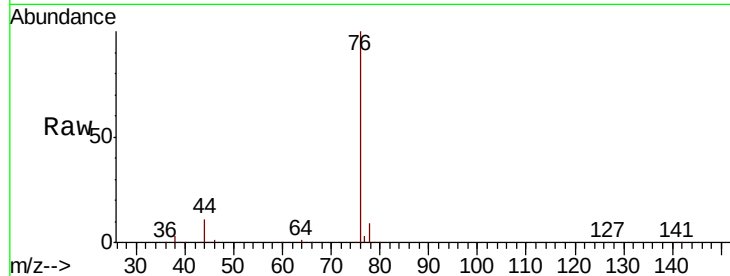




#17
Carbon Disulfide
Concen: 50.307 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

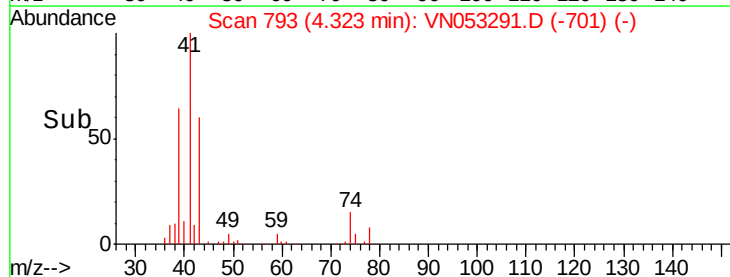
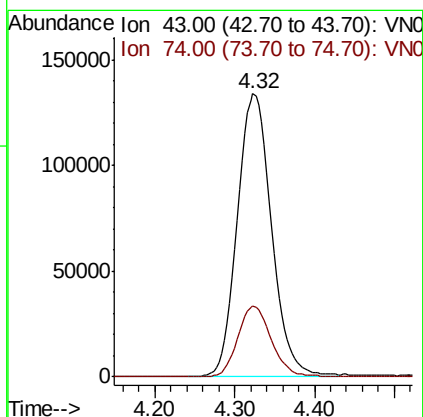
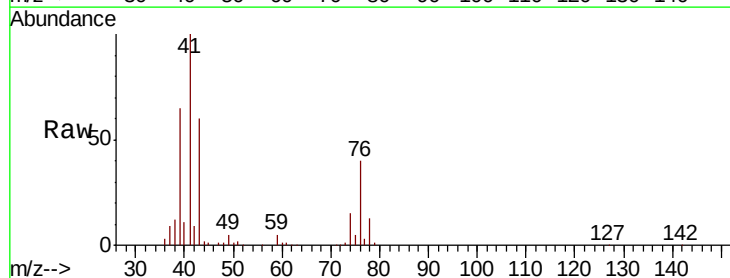
Instrument :
MSVOA_N
ClientSampled :
ICVVN010519

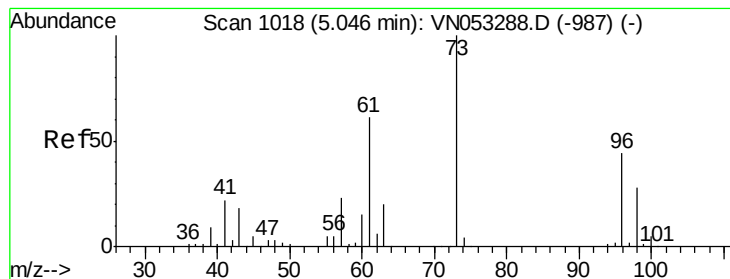
Tgt Ion: 76 Resp: 1294847
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 46.799 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 43 Resp: 386638
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8



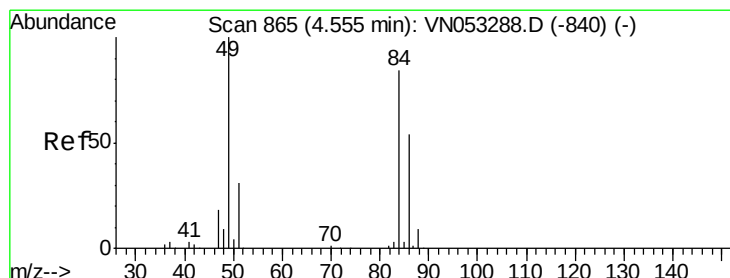
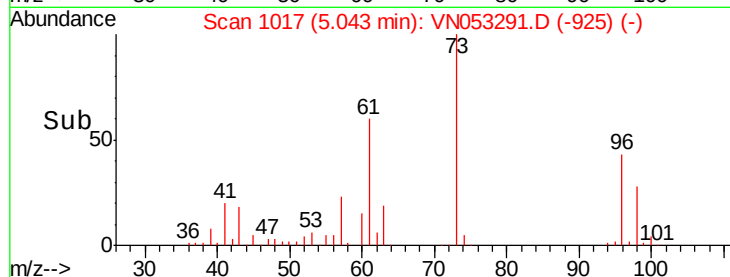
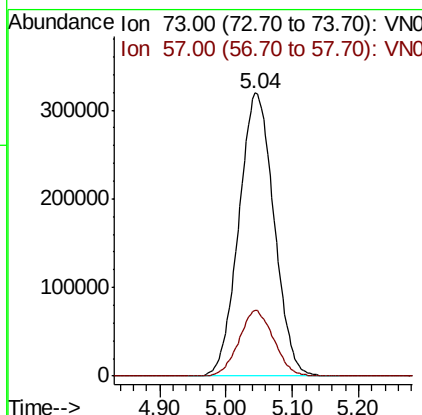
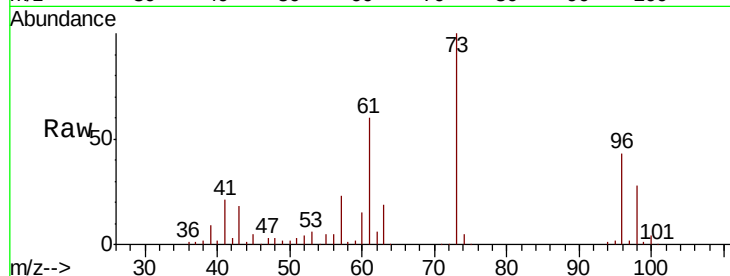


#19

Methyl tert-butyl Ether
 Concen: 50.390 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

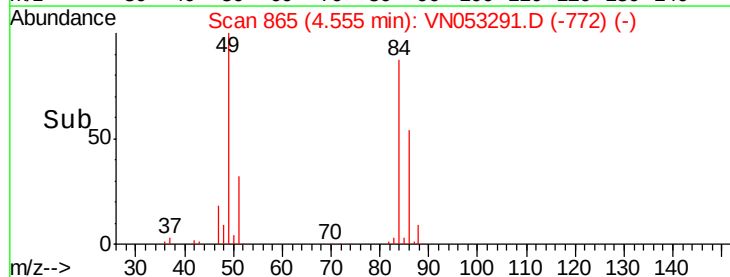
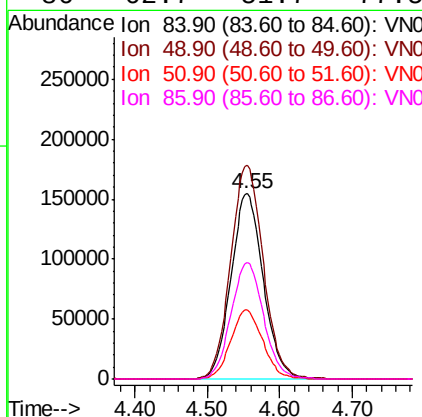
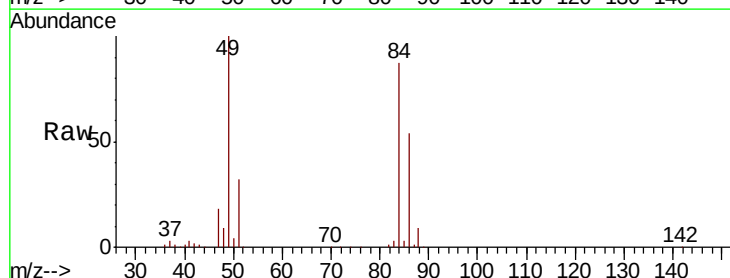
Tgt Ion: 73 Resp: 1178831
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.5 27.7

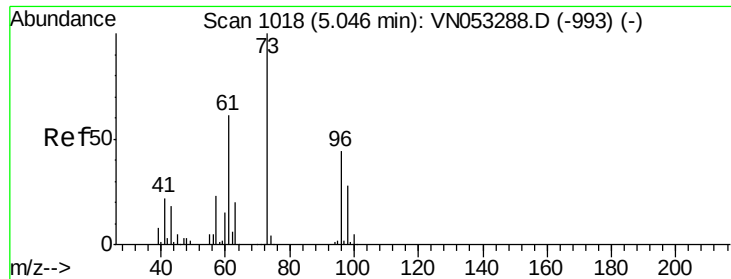


#20

Methylene Chloride
 Concen: 48.405 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion: 84 Resp: 479670
 Ion Ratio Lower Upper
 84 100
 49 115.3 95.3 142.9
 51 37.3 29.0 43.6
 86 62.7 51.7 77.5

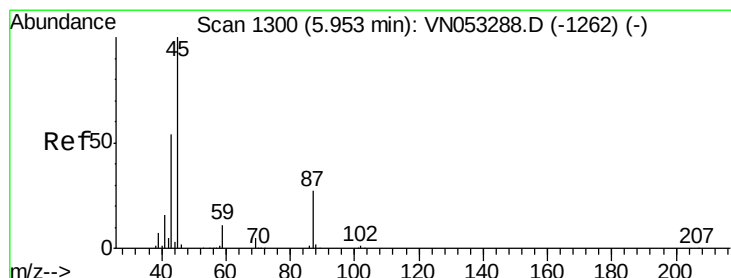
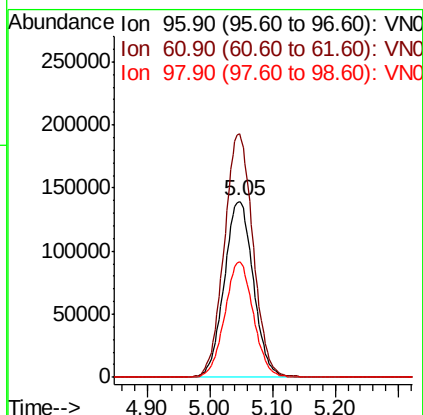
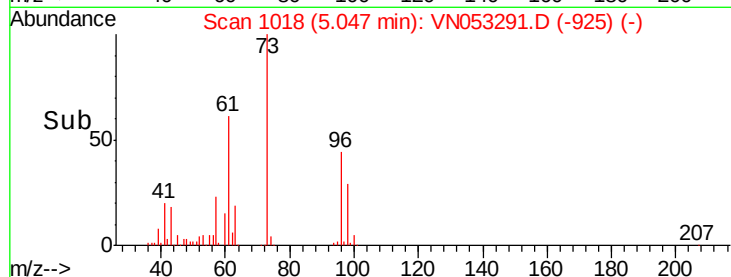
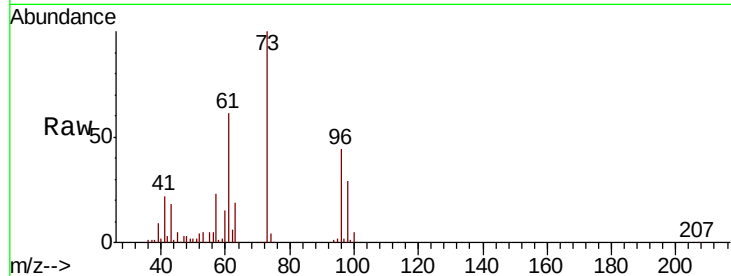




#21
trans-1,2-Dichloroethene
Concen: 49.592 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

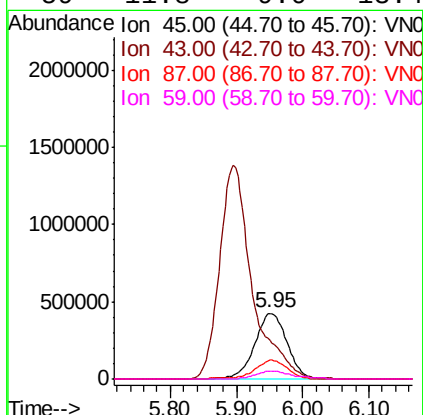
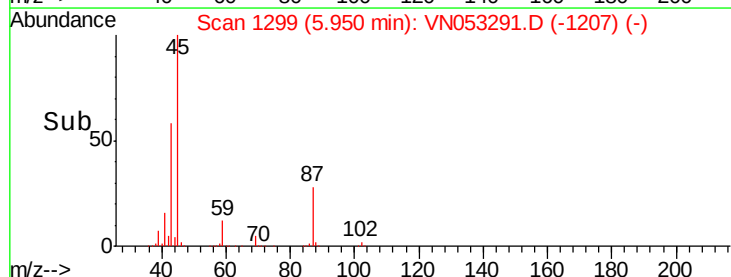
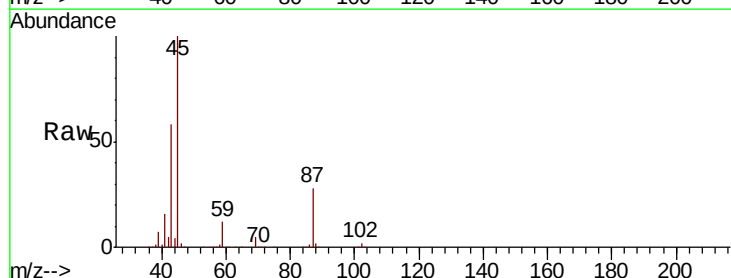
Instrument :
MSVOA_N
ClientSampled :
ICVVN010519

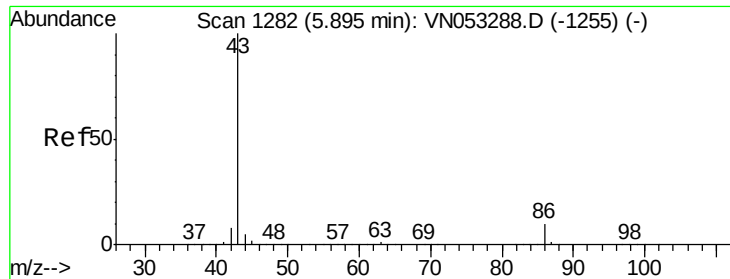
Tgt Ion: 96 Resp: 449169
Ion Ratio Lower Upper
96 100
61 138.4 110.2 165.4
98 65.7 50.7 76.1



#22
Diisopropyl ether
Concen: 50.010 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 45 Resp: 1443451
Ion Ratio Lower Upper
45 100
43 57.9 43.0 64.6
87 28.4 22.1 33.1
59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 258.313 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

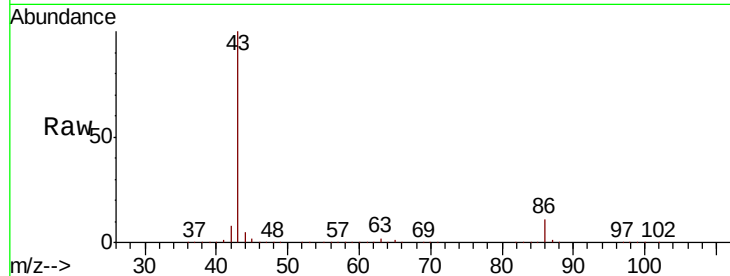
ICVVN010519

Tgt Ion: 43 Resp: 4736871

Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

1500000

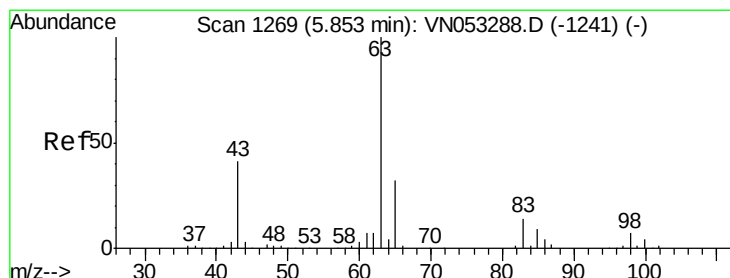
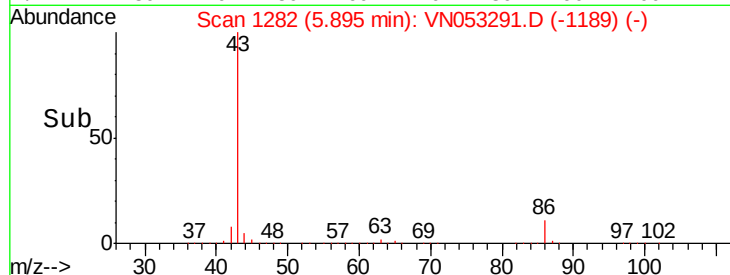
1000000

500000

0

Time-->

5.80 6.00 6.20



#24

1,1-Dichloroethane

Concen: 49.350 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

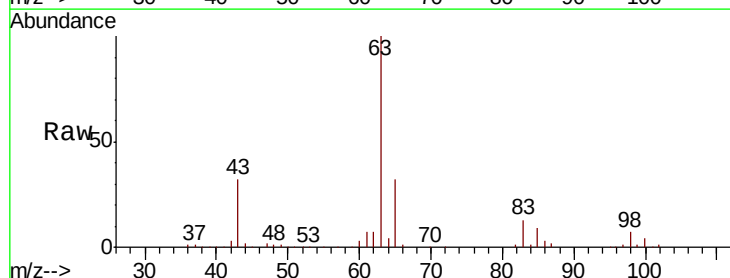
Tgt Ion: 63 Resp: 828360

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

300000

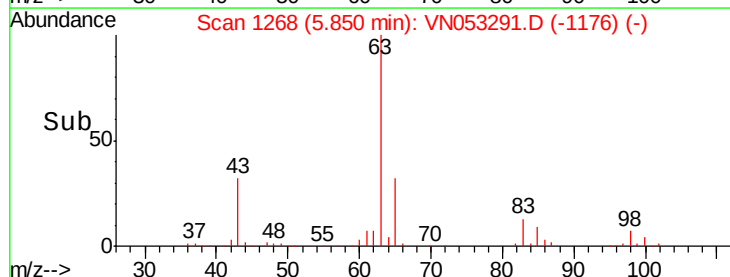
200000

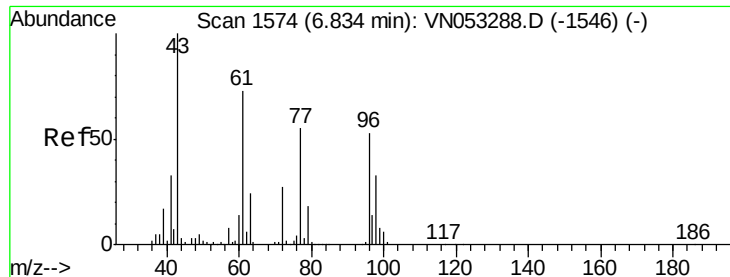
100000

0

Time-->

5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 240.179 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

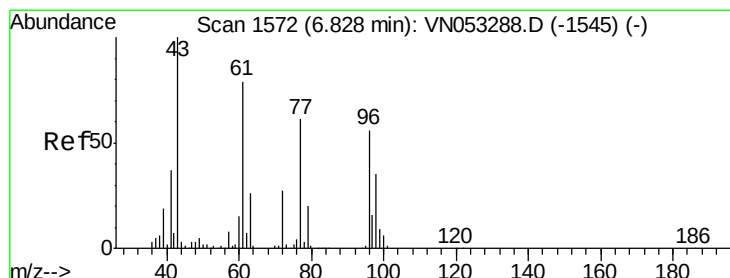
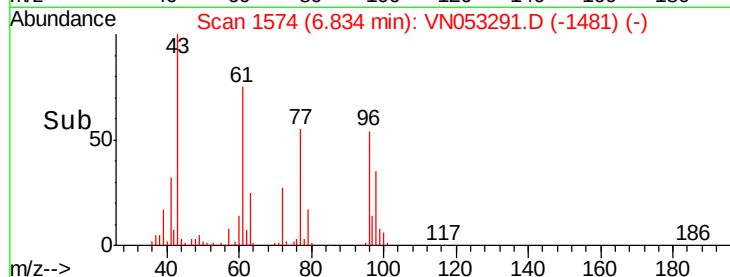
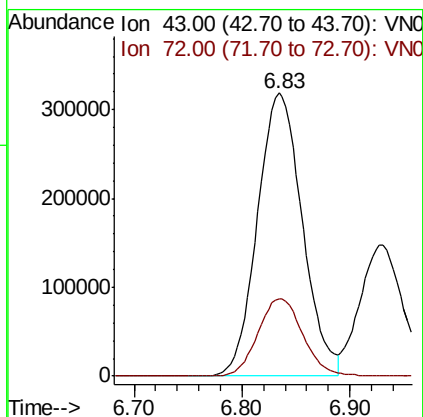
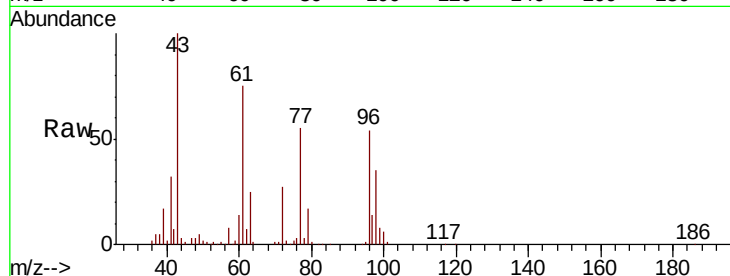
ICVVO10519

Tgt Ion: 43 Resp: 917164

Ion Ratio Lower Upper

43 100

72 27.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 48.704 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053291.D

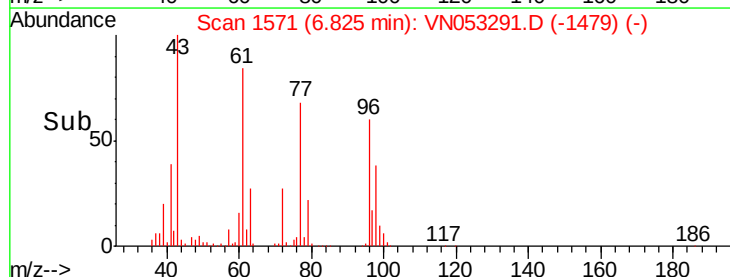
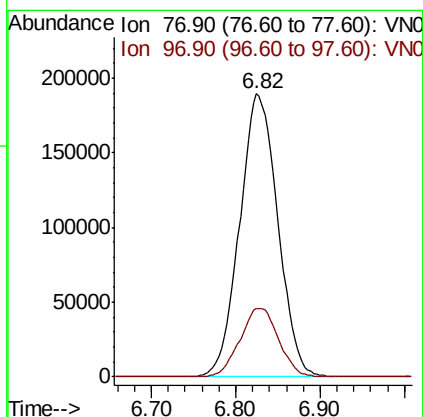
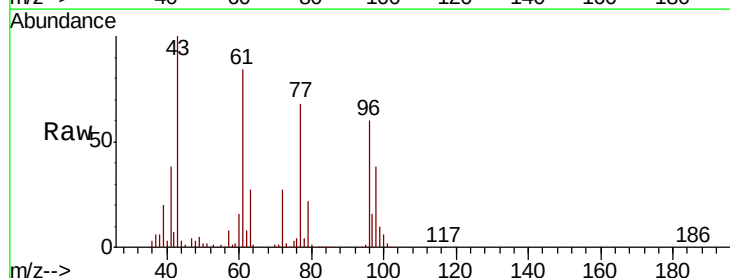
Acq: 4 Jan 2019 19:56

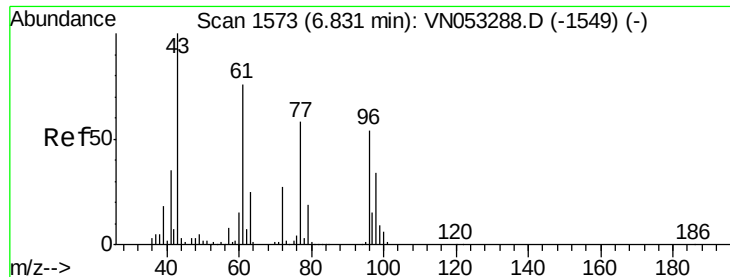
Tgt Ion: 77 Resp: 596191

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 49.649 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

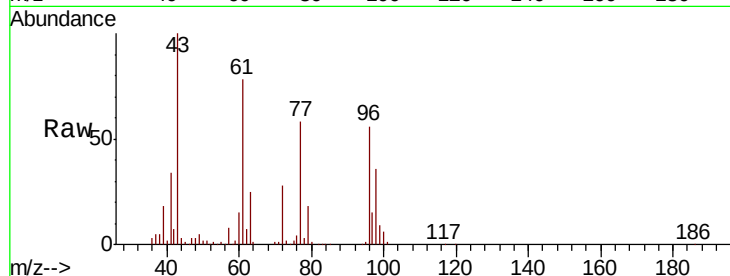
Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

Tgt Ion: 96 Resp: 514186

Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	280.6
98	63.6	0.0	127.6

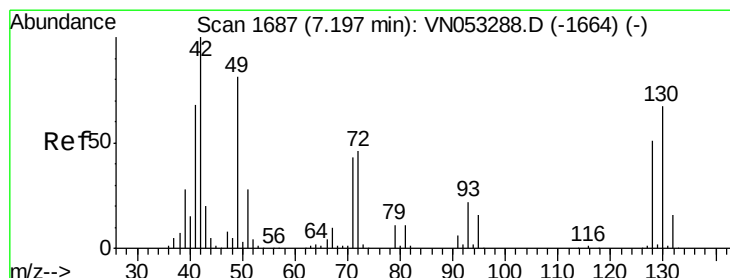
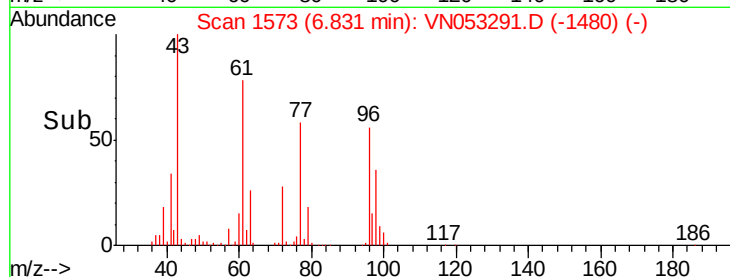
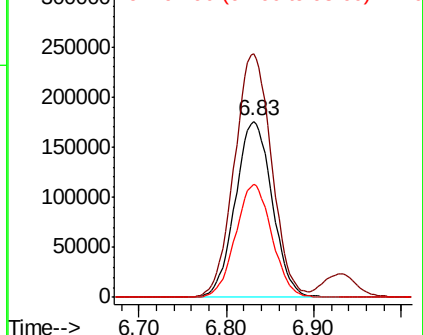


Abundance

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: 50.212 ug/l

RT: 7.19 min Scan# 1686

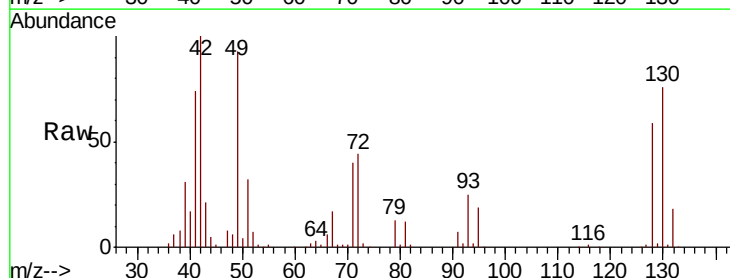
Delta R.T. -0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Tgt Ion: 49 Resp: 370094

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	82.5	65.4	98.0

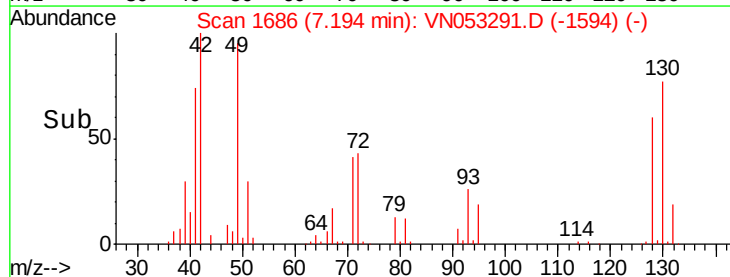
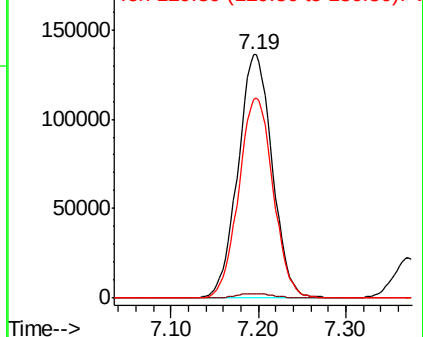


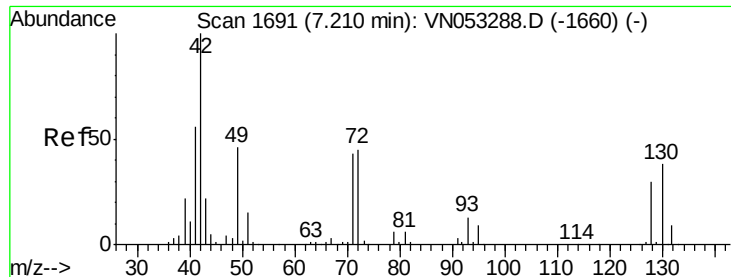
Abundance

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

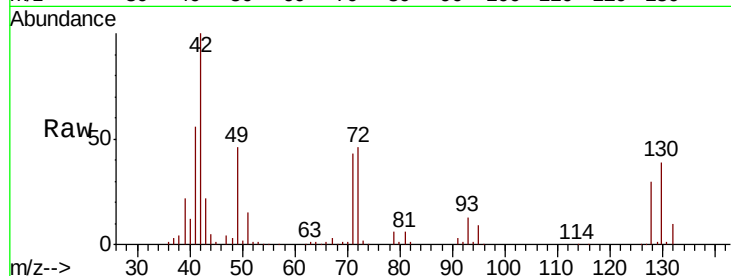




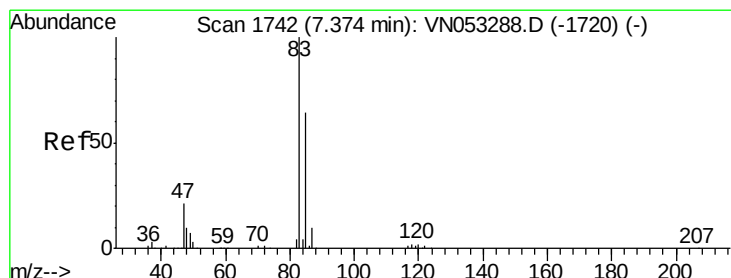
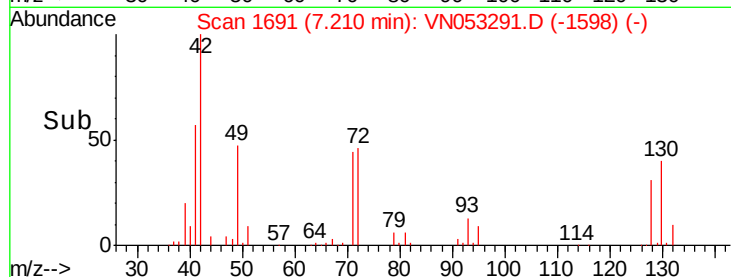
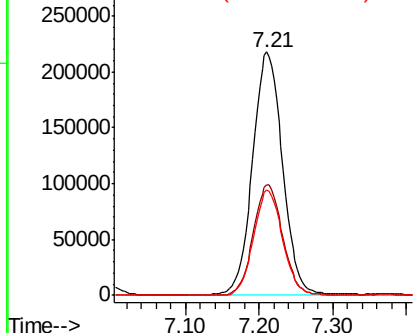
#29
Tetrahydrofuran
Concen: 247.201 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

Tgt Ion: 42 Resp: 617037
Ion Ratio Lower Upper
42 100
72 44.6 35.6 53.4
71 41.8 33.8 50.8

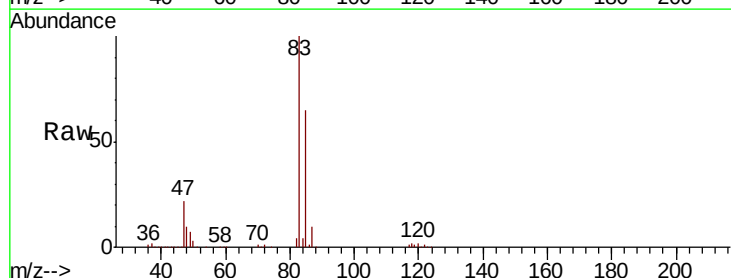


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

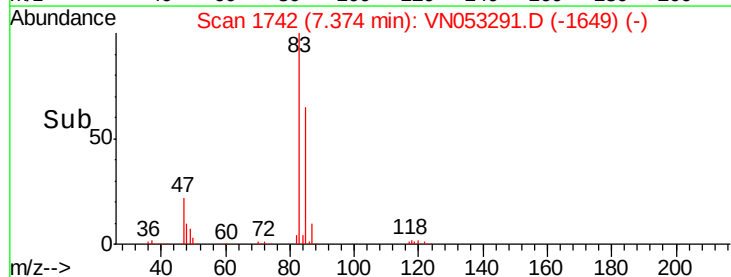
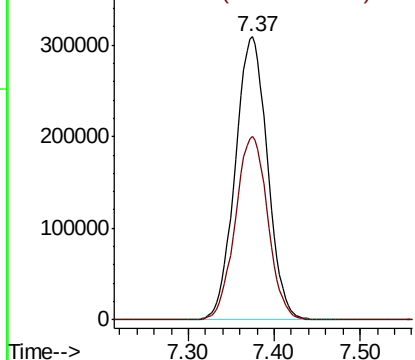


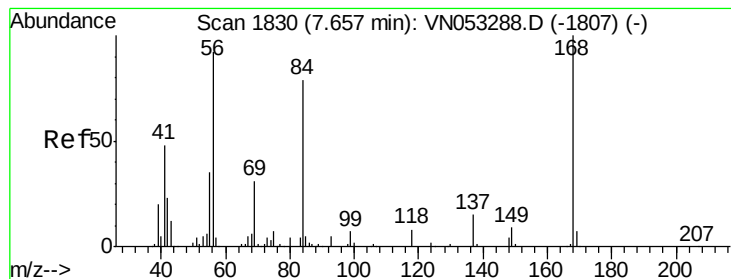
#30
Chloroform
Concen: 48.757 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 83 Resp: 804217
Ion Ratio Lower Upper
83 100
85 64.7 51.3 76.9



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





#31

Cyclohexane

Concen: 48.031 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

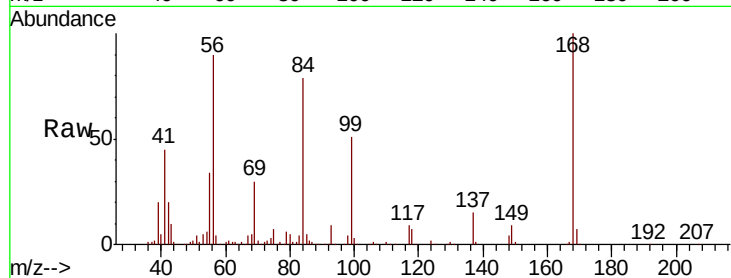
Tgt Ion: 56 Resp: 781363

Ion Ratio Lower Upper

56 100

69 33.2 26.7 40.1

84 86.2 68.2 102.4

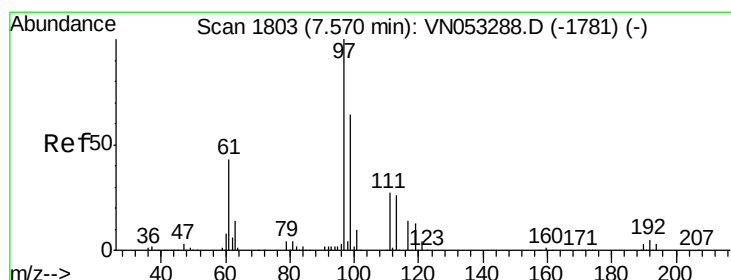
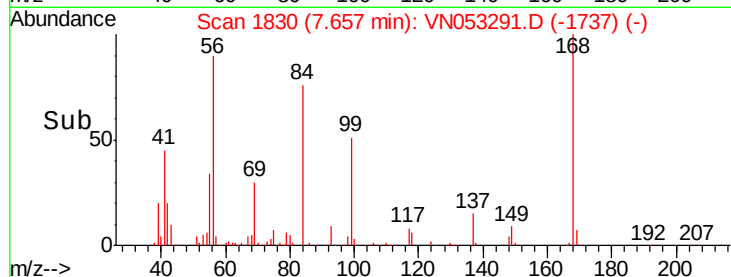
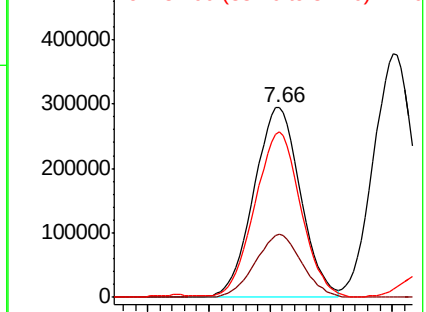


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.631 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

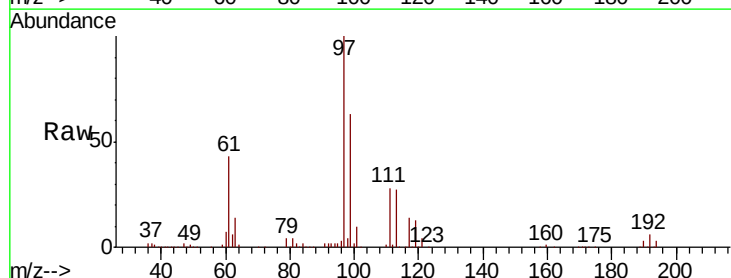
Tgt Ion: 97 Resp: 683484

Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 42.5 34.6 52.0

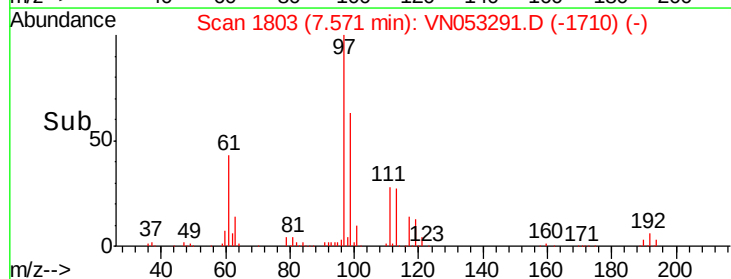
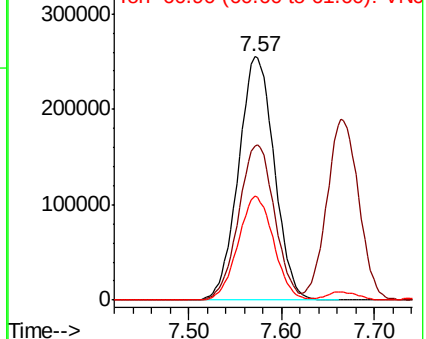


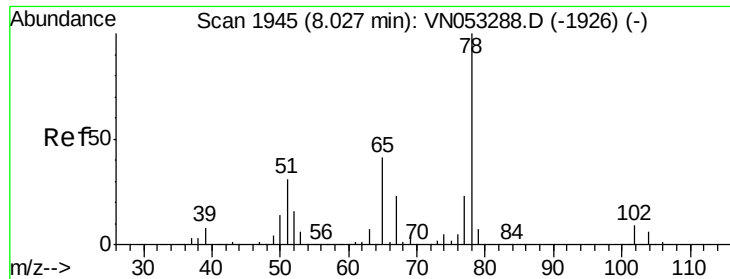
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

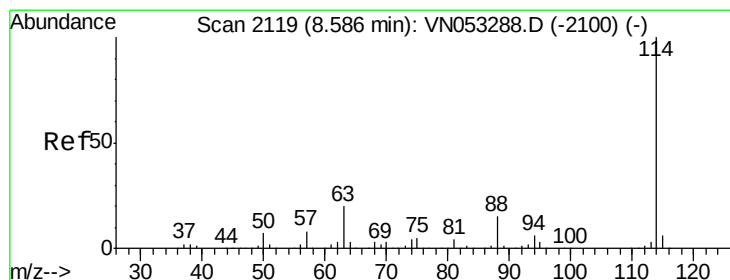
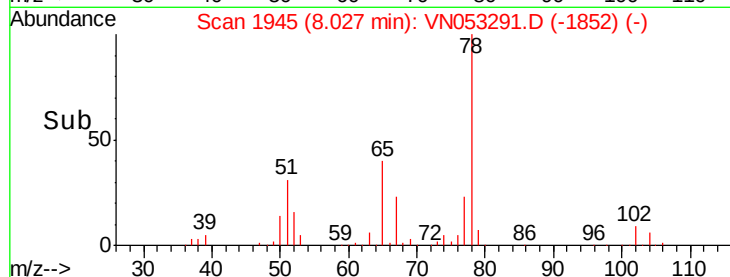
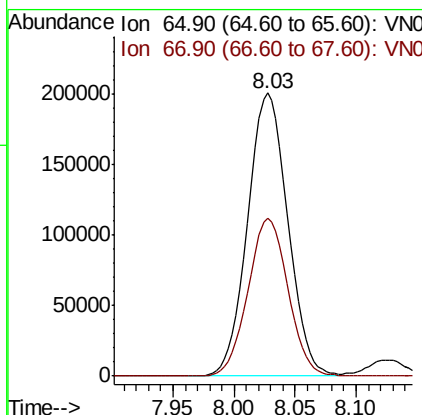
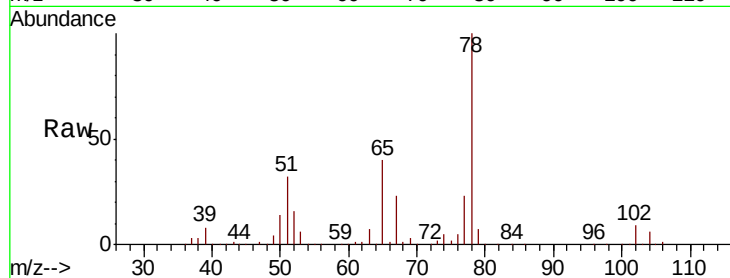




#33
 1,2-Dichloroethane-d4
 Concen: 49.631 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

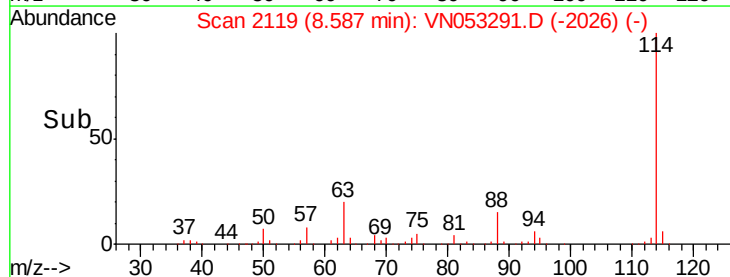
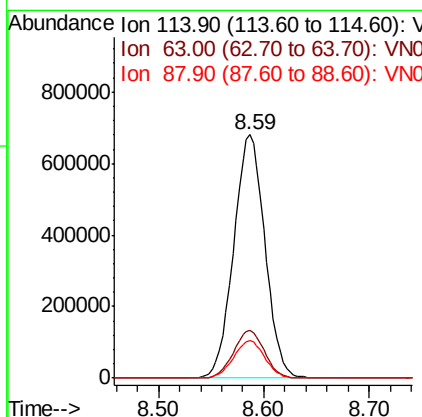
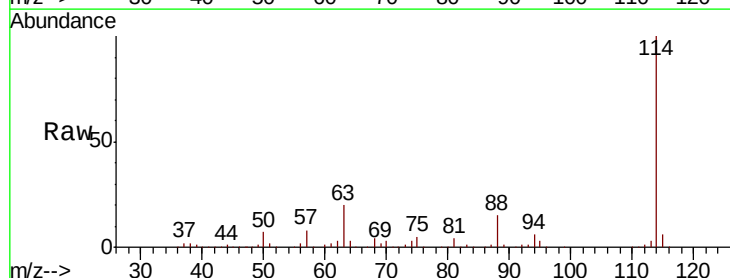
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

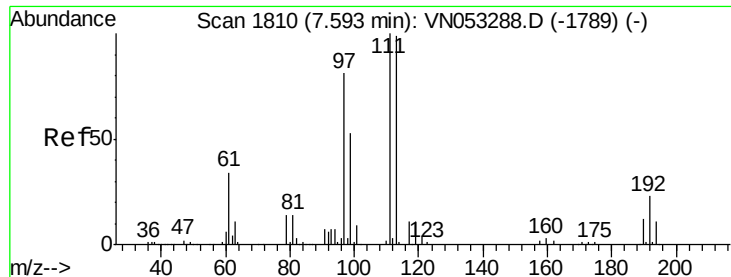
Tgt Ion: 65 Resp: 458612
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion: 114 Resp: 1395596
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.4 0.0 30.8

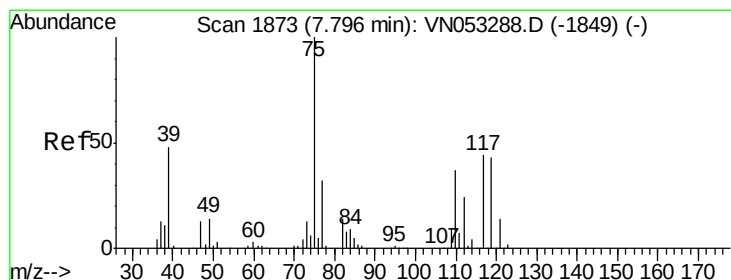
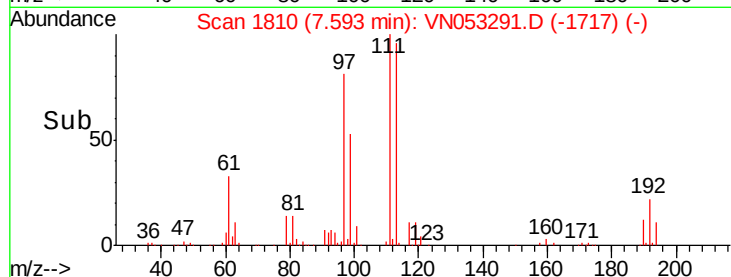
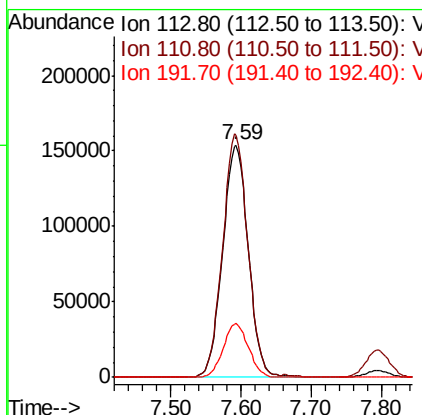
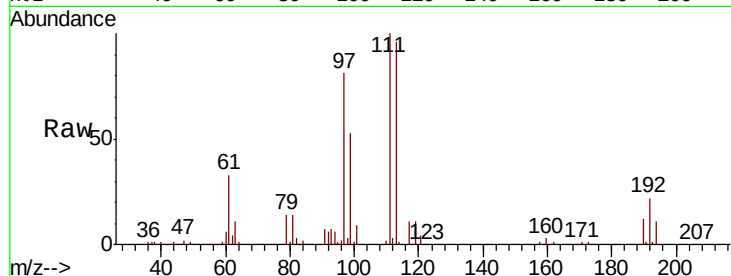




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

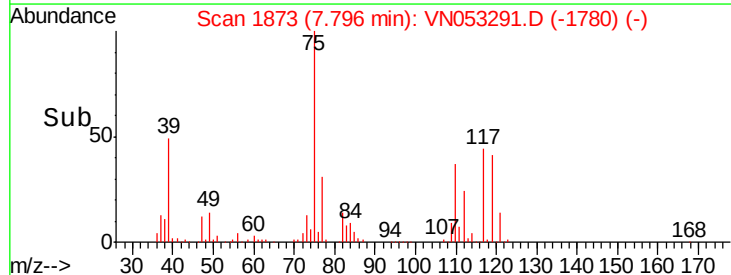
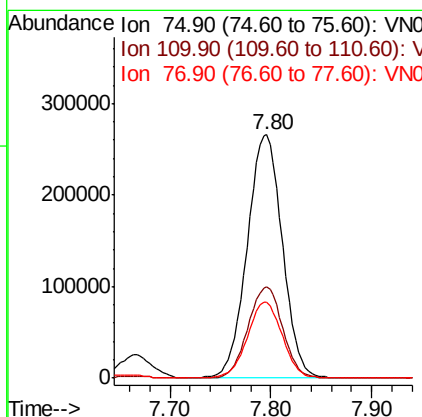
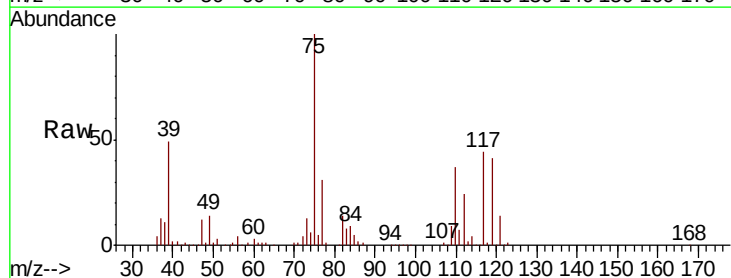
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

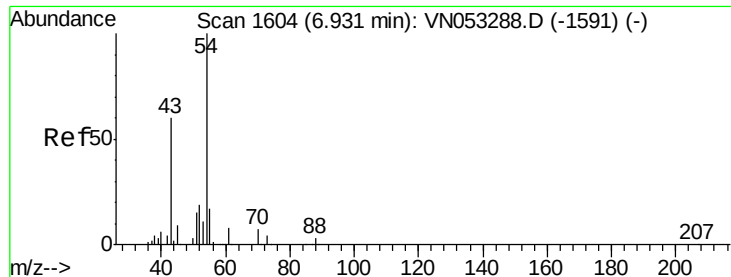
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.2
192	22.7	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 49.954 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.4	55.0
77	31.2	25.3	37.9

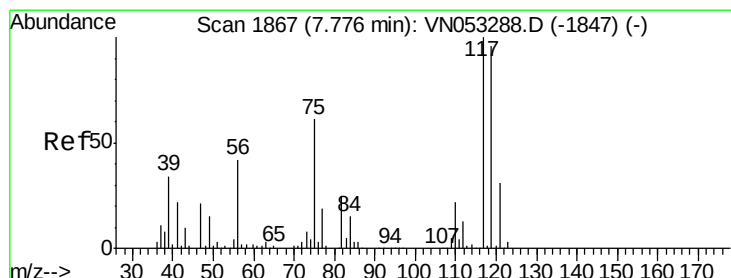
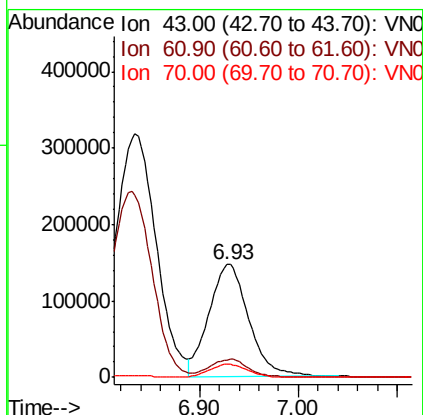
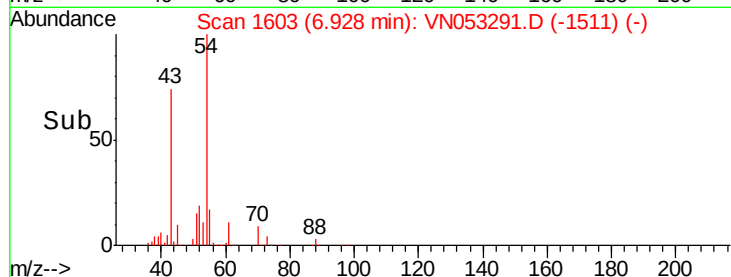
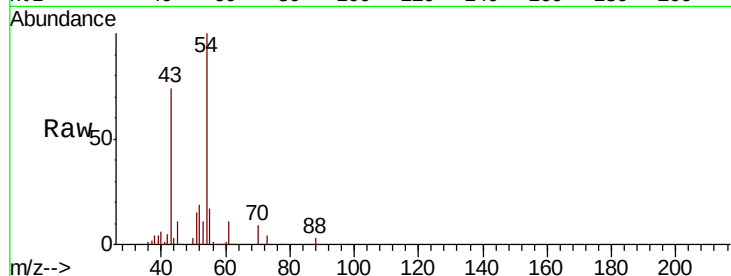




#37
Ethyl Acetate
Concen: 49.306 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

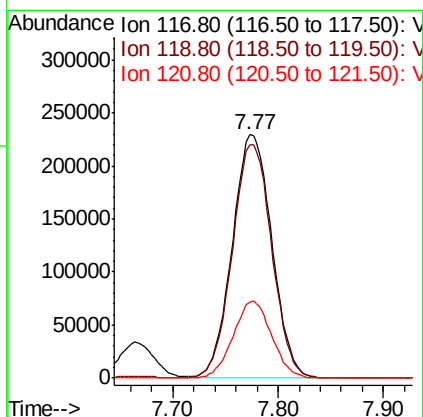
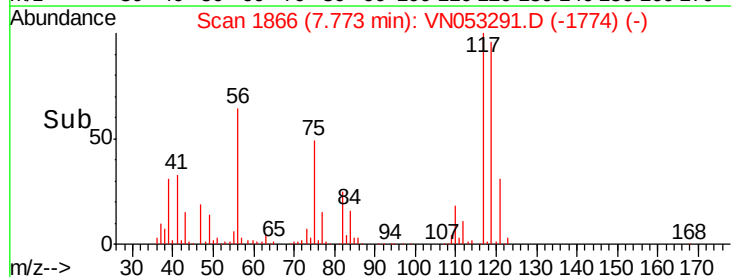
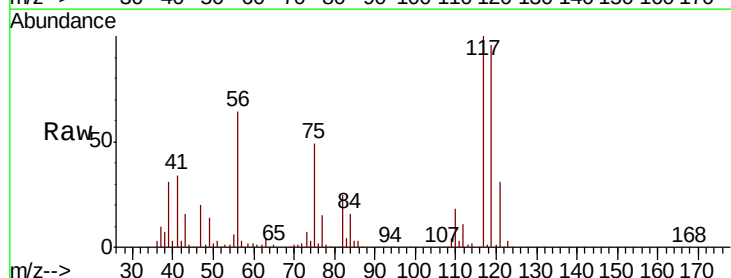
Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

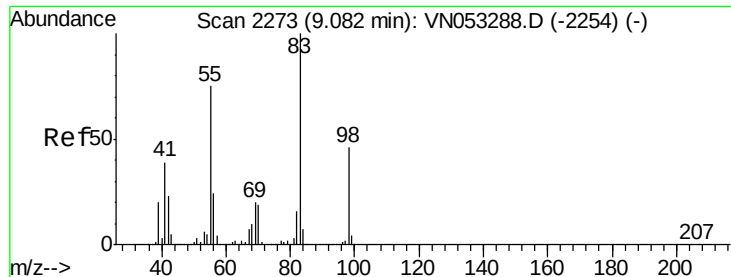
Tgt Ion: 43 Resp: 414130
Ion Ratio Lower Upper
43 100
61 15.3 11.9 17.9
70 11.2 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.875 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 117 Resp: 596324
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0
121 31.4 25.0 37.4

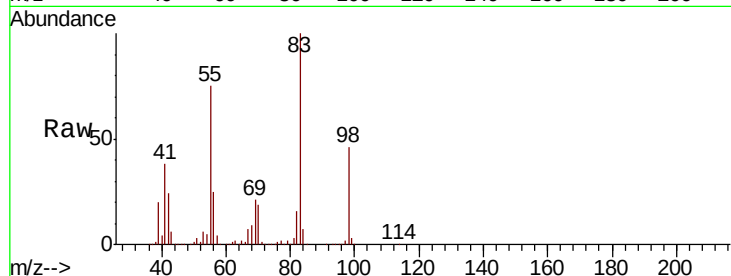




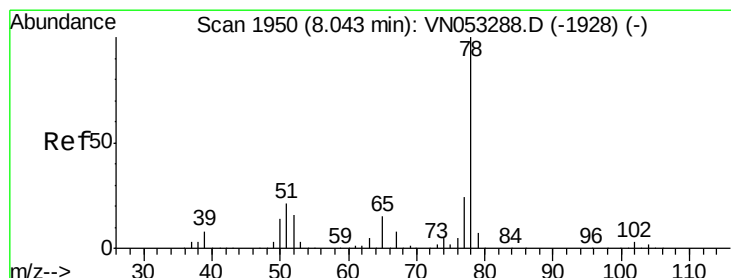
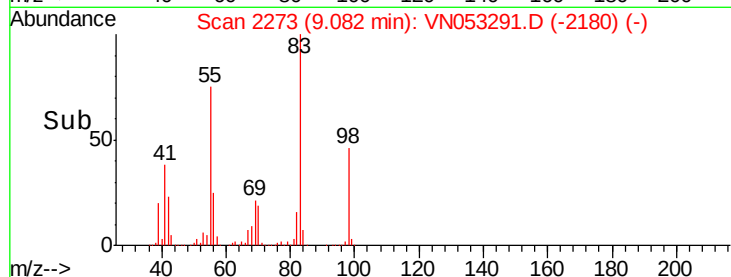
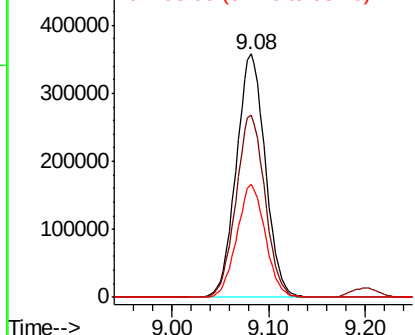
#39
Methylcyclohexane
Concen: 49.448 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

Tgt Ion: 83 Resp: 743939
Ion Ratio Lower Upper
83 100
55 74.9 60.1 90.1
98 46.2 36.7 55.1

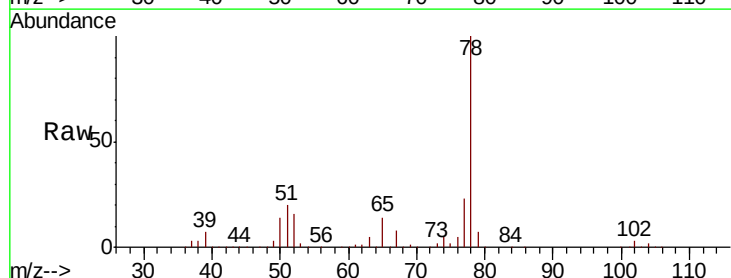


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

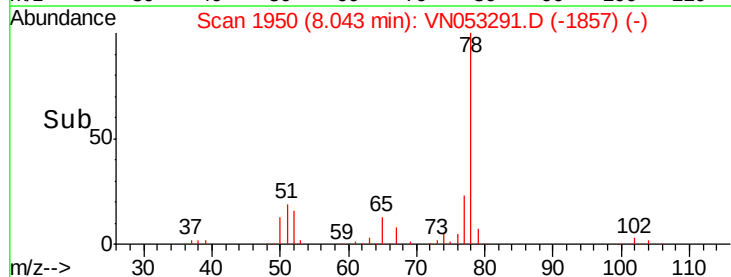
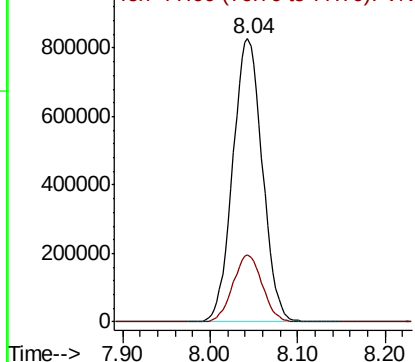


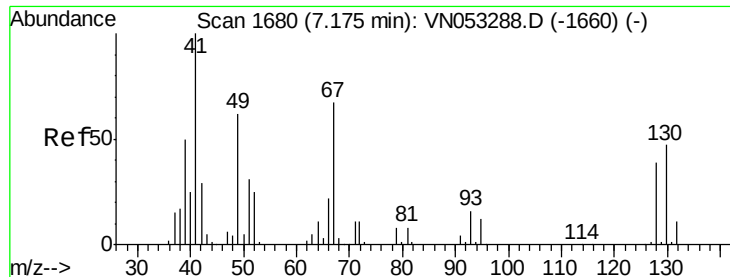
#40
Benzene
Concen: 49.173 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 78 Resp: 1942700
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 41.692 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

Tgt Ion: 41 Resp: 199474

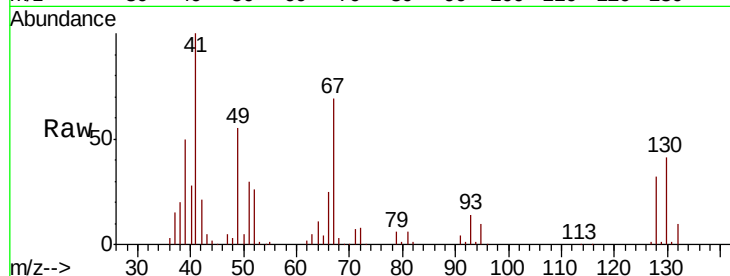
Ion Ratio Lower Upper

41 100

39 68.5 0.0 0.0#

67 96.8 0.0 0.0#

52 38.3 0.0 0.0#

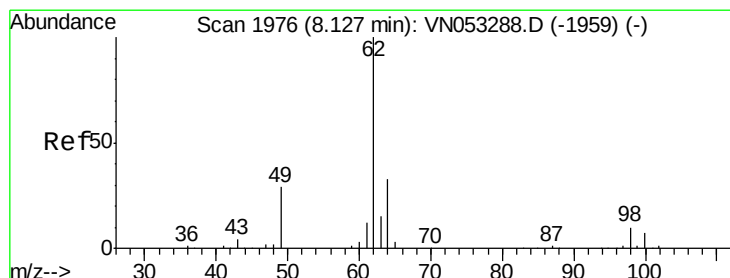
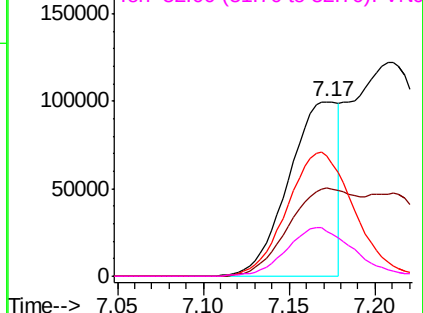
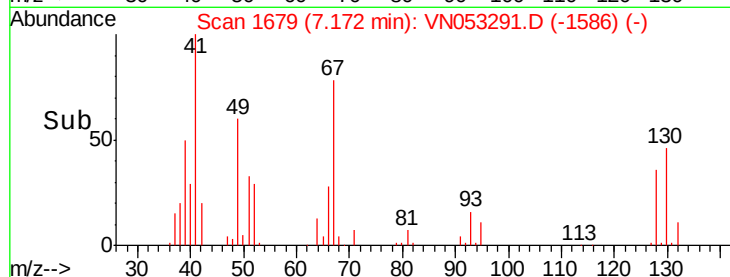


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 48.271 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN053291.D

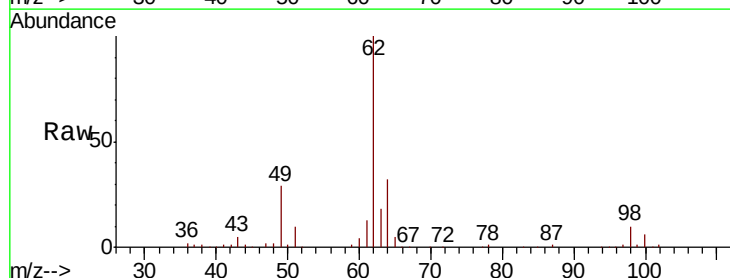
Acq: 4 Jan 2019 19:56

Tgt Ion: 62 Resp: 566318

Ion Ratio Lower Upper

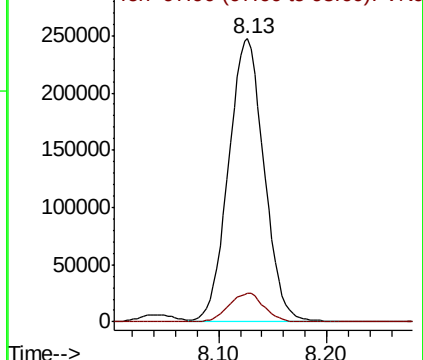
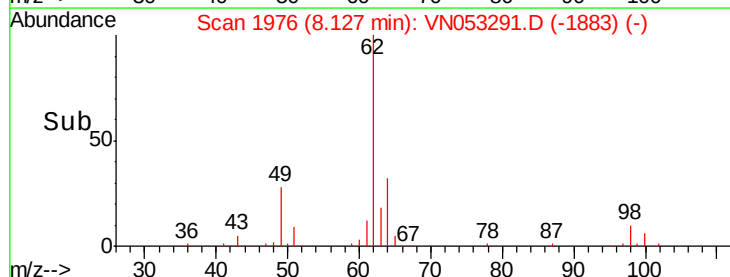
62 100

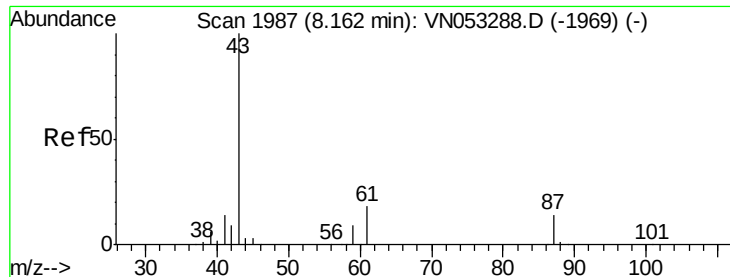
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 46.792 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

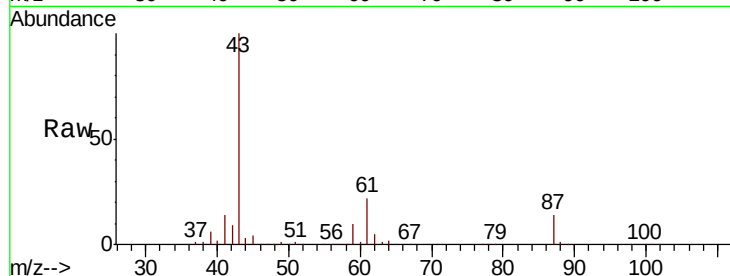
Tgt Ion: 43 Resp: 762238

Ion Ratio Lower Upper

43 100

61 29.0 23.3 34.9

87 13.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)

8.16

400000

300000

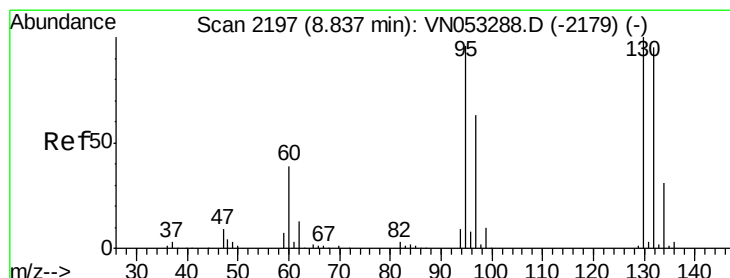
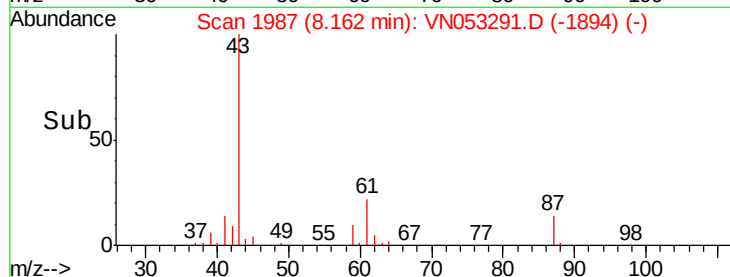
200000

100000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 49.427 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053291.D

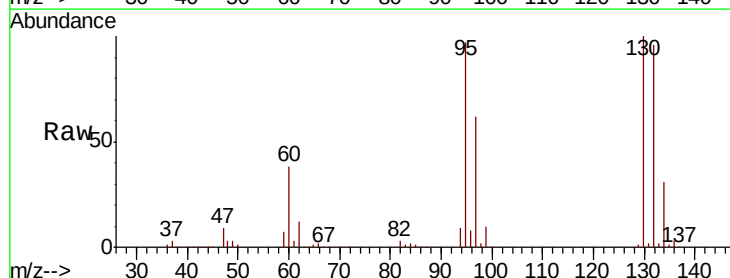
Acq: 4 Jan 2019 19:56

Tgt Ion: 130 Resp: 532811

Ion Ratio Lower Upper

130 100

95 96.6 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053288.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053288.D (-2179) (-)

8.84

300000

250000

200000

150000

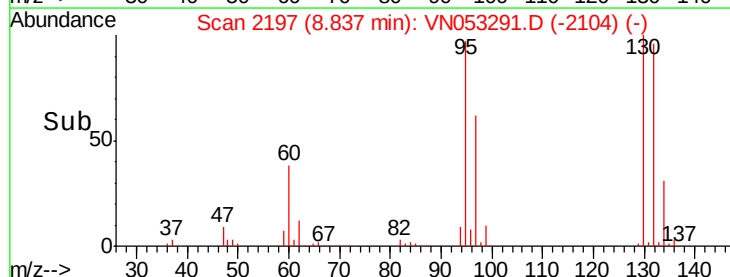
100000

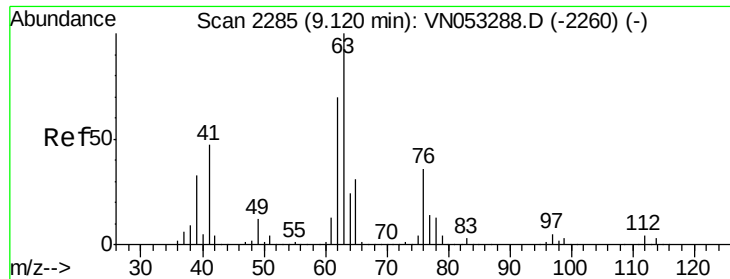
50000

0

8.80 8.90

Time-->

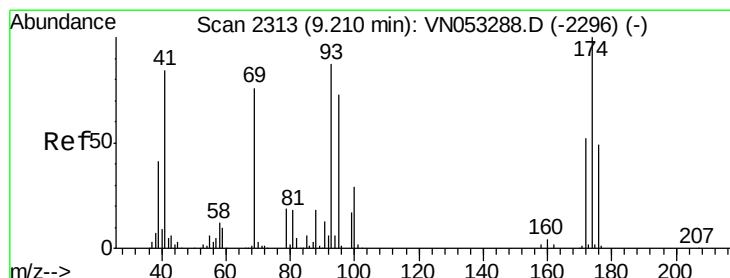
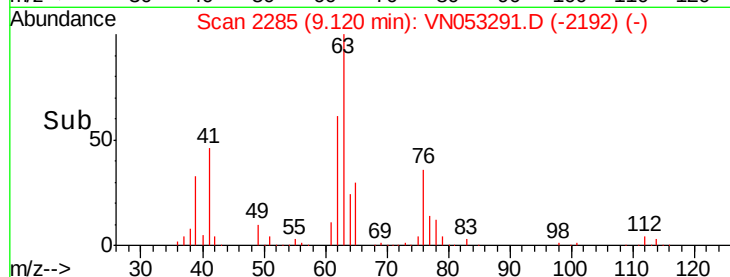
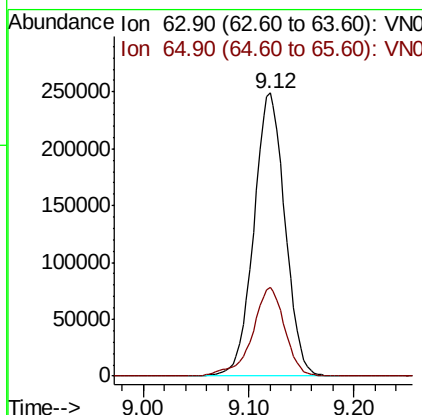
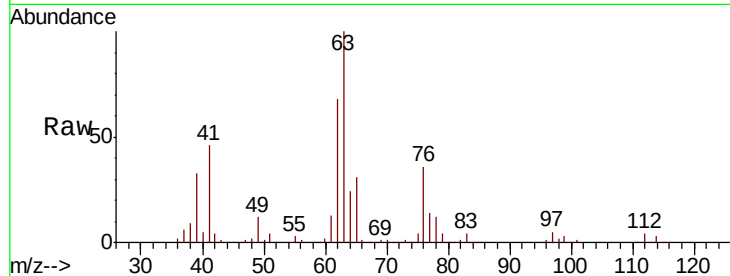




#45
 1,2-Dichloropropane
 Concen: 49.308 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

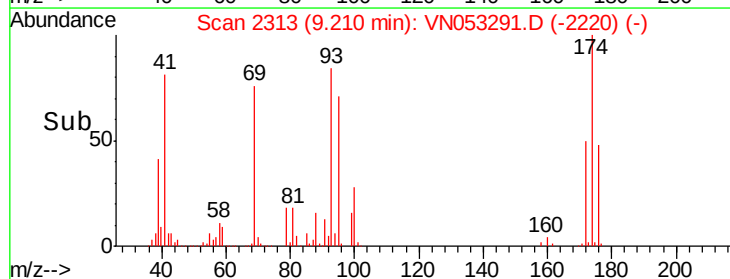
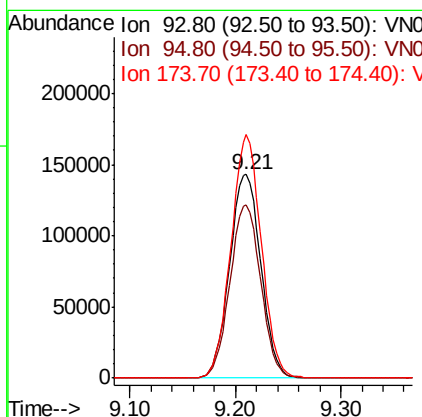
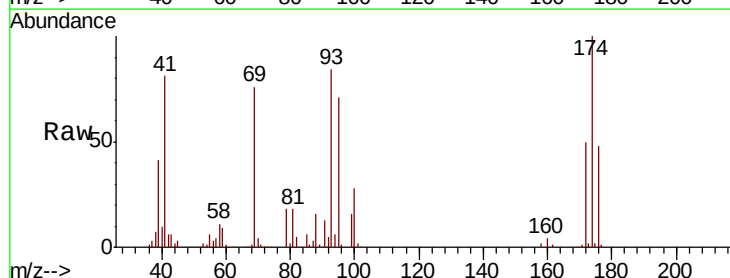
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

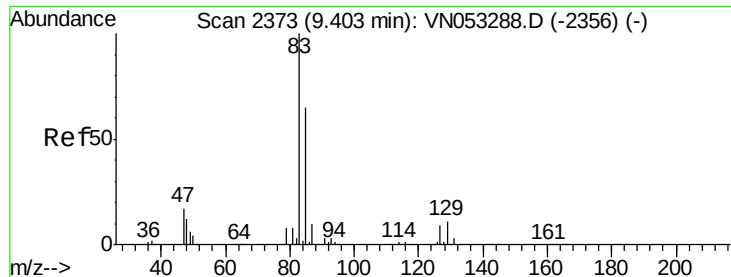
Tgt Ion: 63 Resp: 513453
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6



#46
 Dibromomethane
 Concen: 49.172 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion: 93 Resp: 294569
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 115.9 91.4 137.0





#47

Bromodichloromethane

Concen: 49.735 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

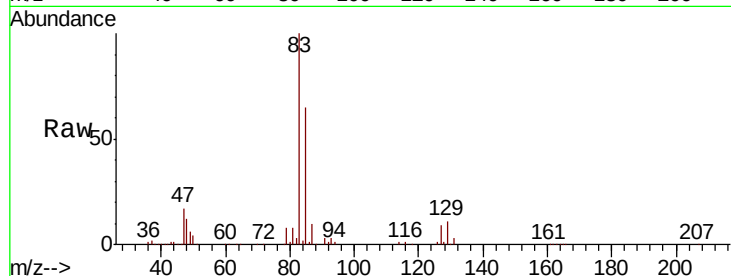
Tgt Ion: 83 Resp: 623211

Ion Ratio Lower Upper

83 100

85 64.7 51.7 77.5

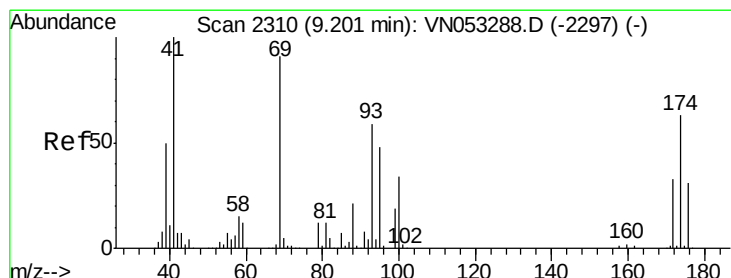
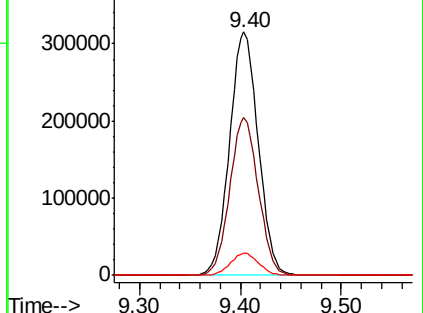
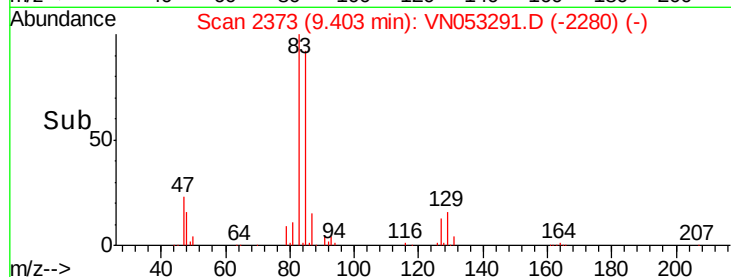
127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053291.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053291.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053291.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.252 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

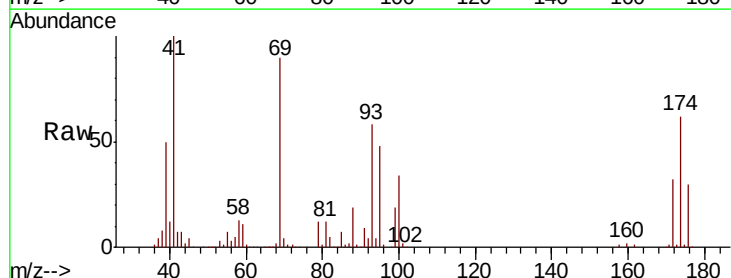
Tgt Ion: 41 Resp: 375180

Ion Ratio Lower Upper

41 100

69 94.1 73.5 110.3

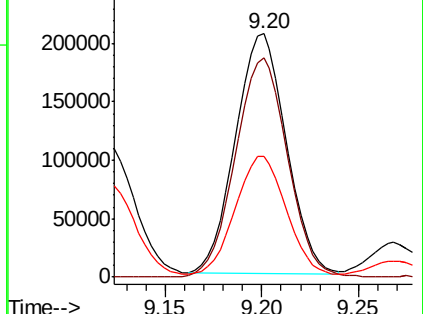
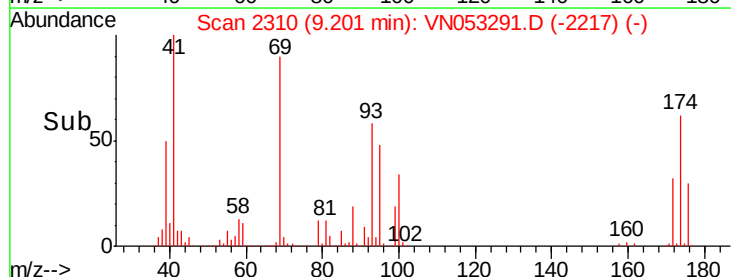
39 51.4 41.6 62.4

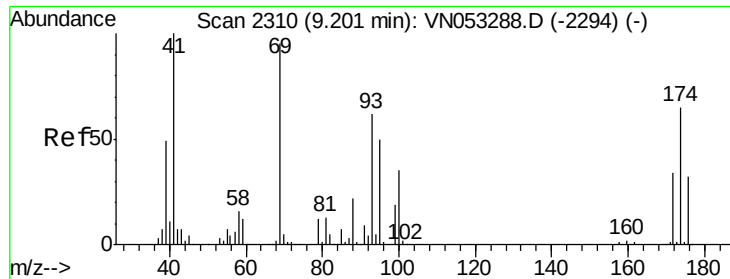


Abundance Ion 41.00 (40.70 to 41.70): VN053291.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053291.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053291.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1037.774 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

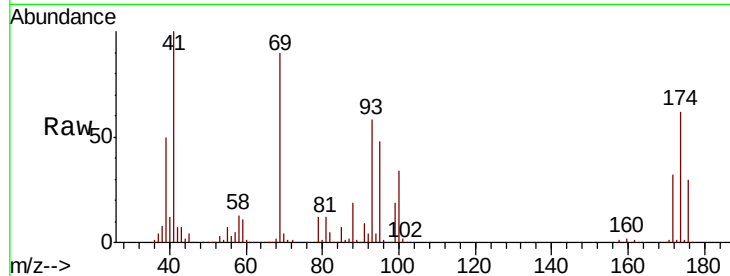
Tgt Ion: 88 Resp: 78908

Ion Ratio Lower Upper

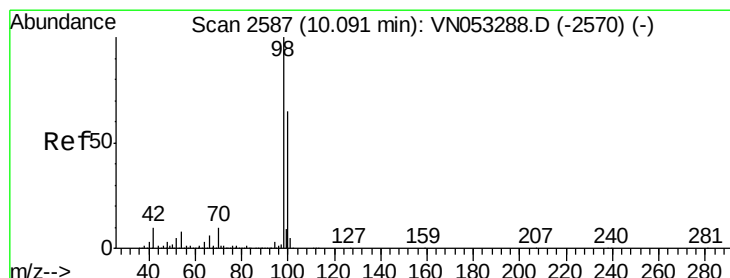
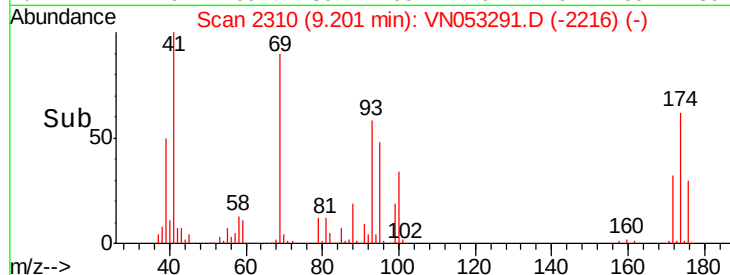
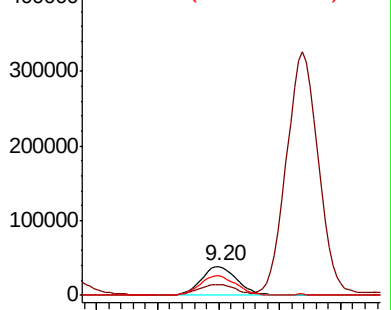
88 100

43 34.0 26.2 39.4

58 70.6 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053288.D (-2294) (-)
Ion 43.00 (42.70 to 43.70): VN053288.D (-2294) (-)
Ion 58.00 (57.70 to 58.70): VN053288.D (-2294) (-)



#50

Toluene-d8

Concen: 1037.774 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053291.D

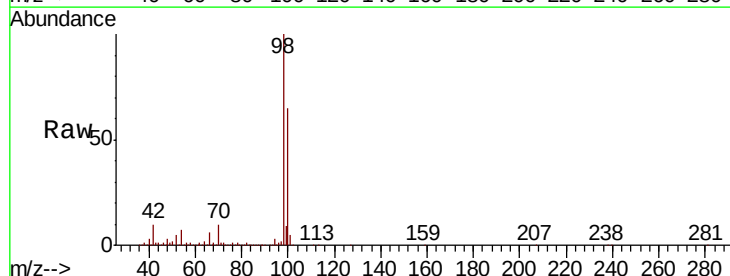
Acq: 4 Jan 2019 19:56

Tgt Ion: 98 Resp: 1690420

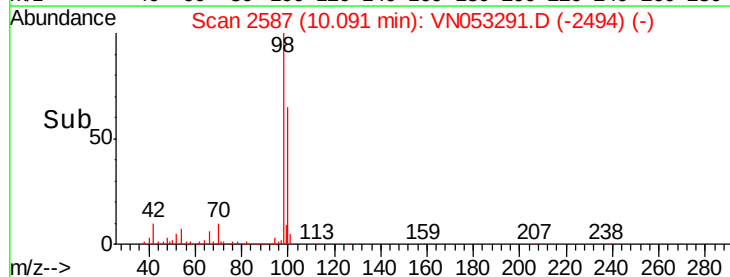
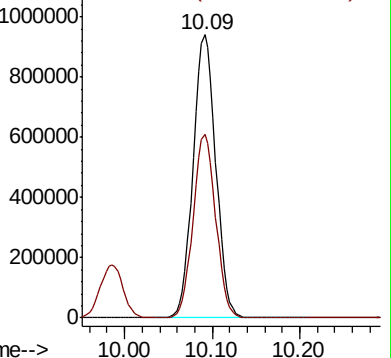
Ion Ratio Lower Upper

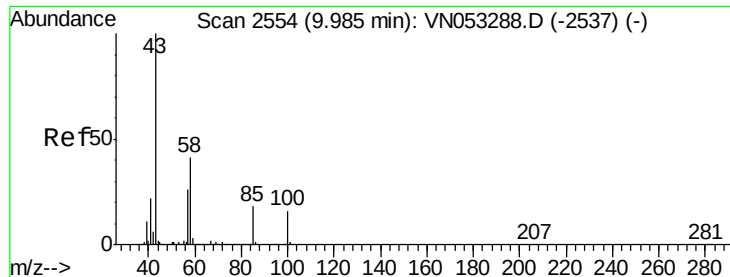
98 100

100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)
Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)

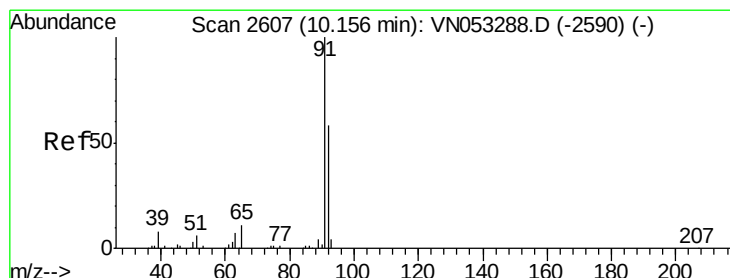
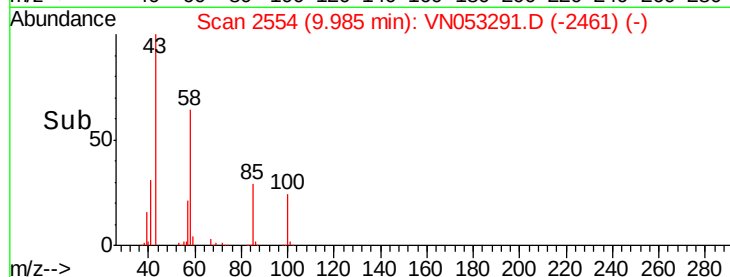
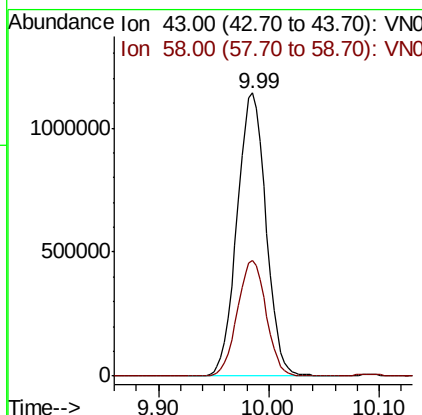
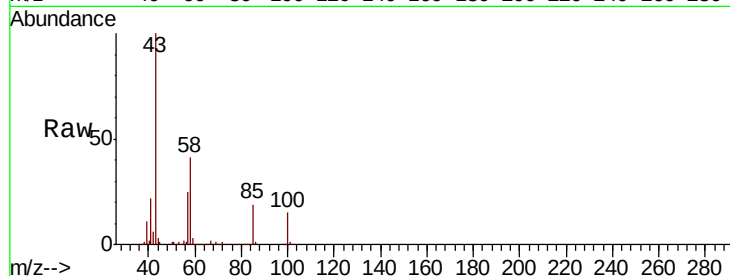




#51
 4-Methyl-2-Pentanone
 Concen: 250.950 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

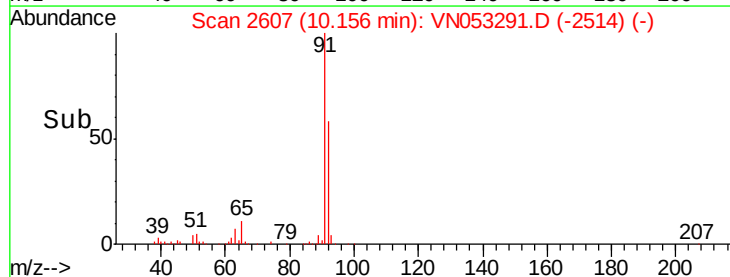
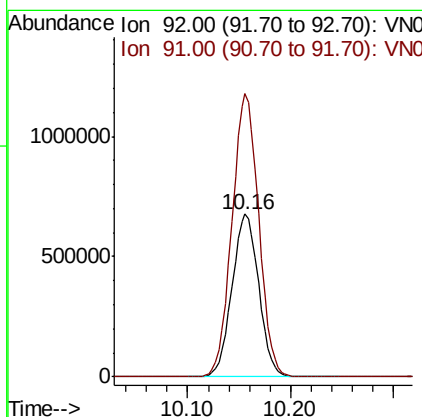
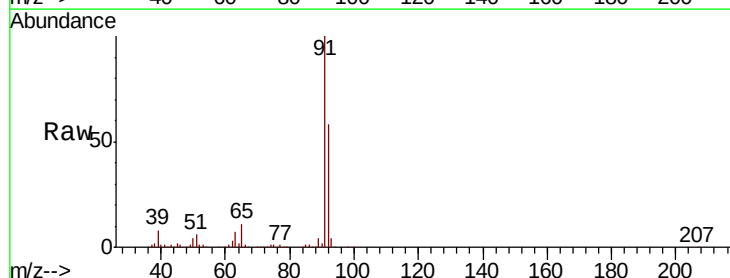
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

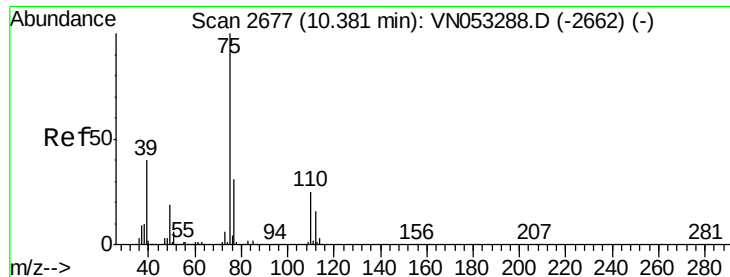
Tgt Ion: 43 Resp: 2070447
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.7 49.1



#52
 Toluene
 Concen: 50.454 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion: 92 Resp: 1217779
 Ion Ratio Lower Upper
 92 100
 91 174.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 51.718 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

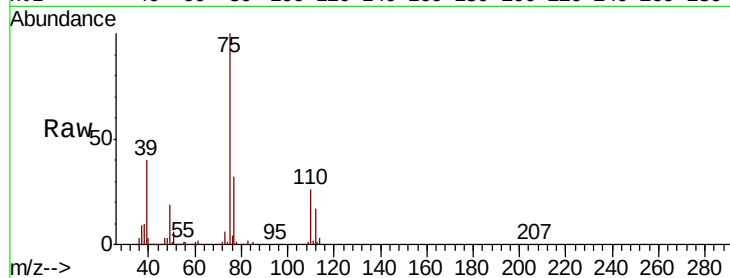
ICVFN010519

Tgt Ion: 75 Resp: 660733

Ion Ratio Lower Upper

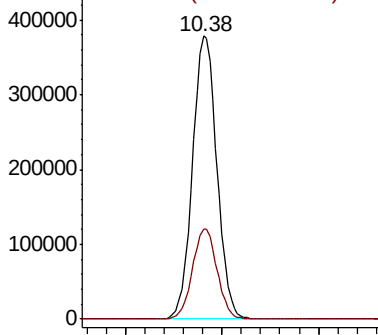
75 100

77 31.9 25.0 37.4

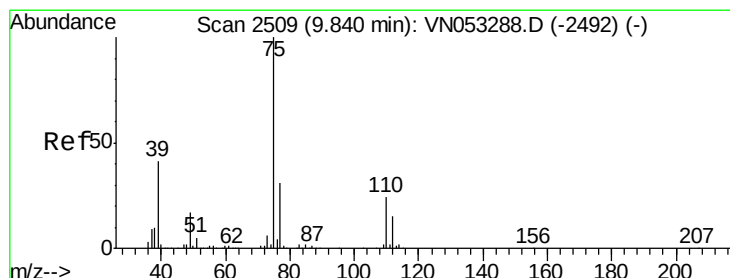
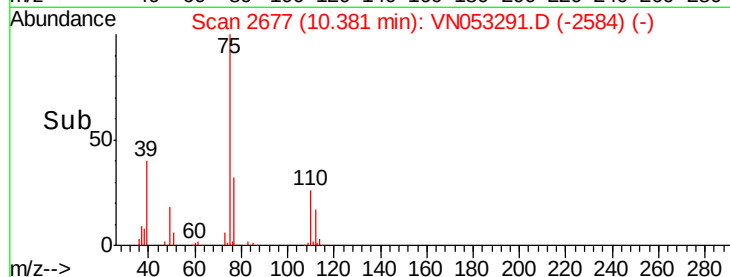


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.234 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

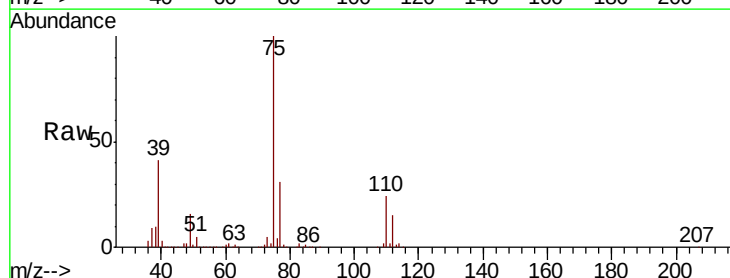
Tgt Ion: 75 Resp: 754511

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

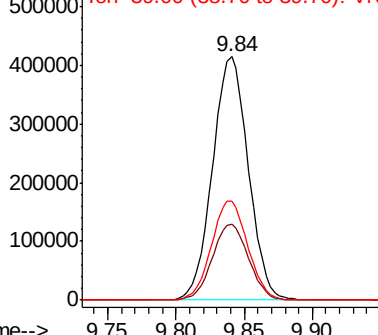
39 40.7 33.1 49.7



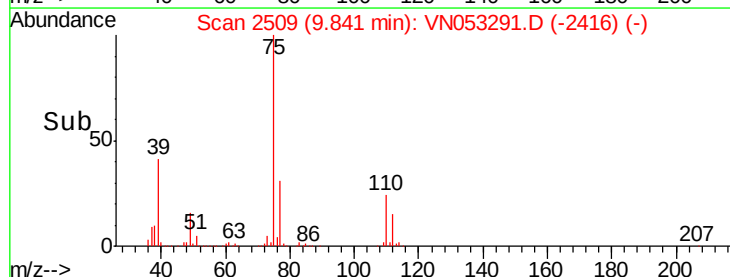
Abundance Ion 74.90 (74.60 to 75.60): VN0

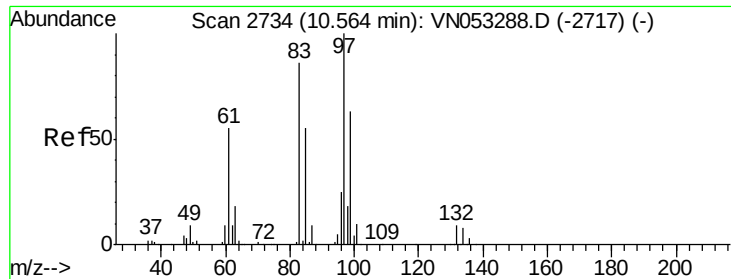
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#55

1,1,2-Trichloroethane

Concen: 49.112 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

ICVVN010519

Tgt Ion: 97 Resp: 432550

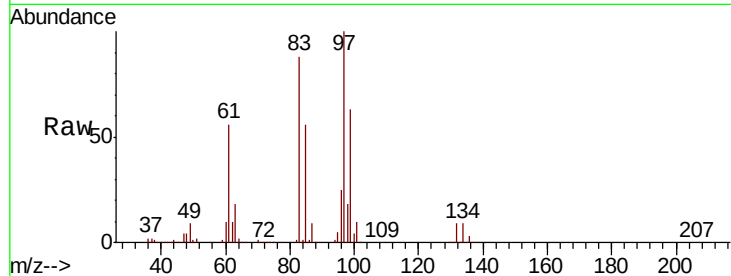
Ion Ratio Lower Upper

97 100

83 87.7 69.1 103.7

85 56.0 44.2 66.4

99 63.2 50.3 75.5

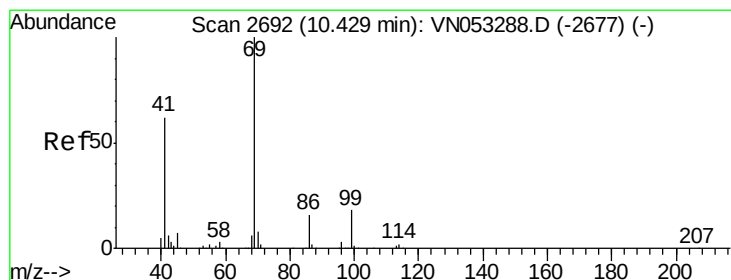
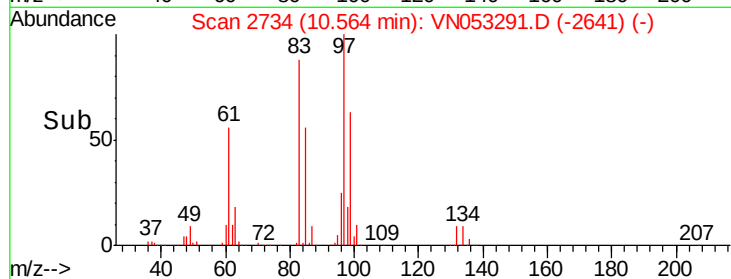
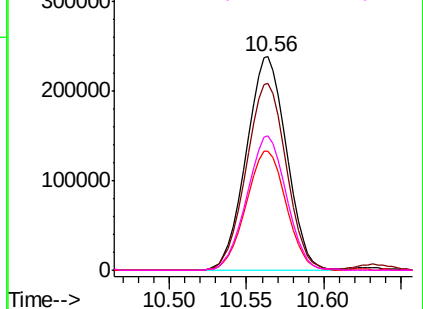


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 52.561 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

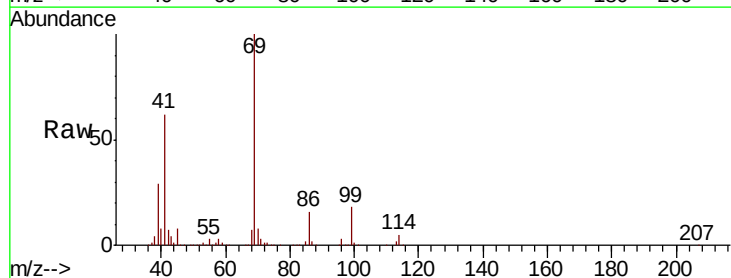
Tgt Ion: 69 Resp: 603959

Ion Ratio Lower Upper

69 100

41 61.8 49.2 73.8

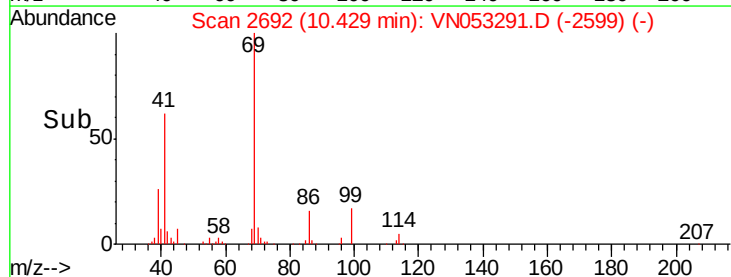
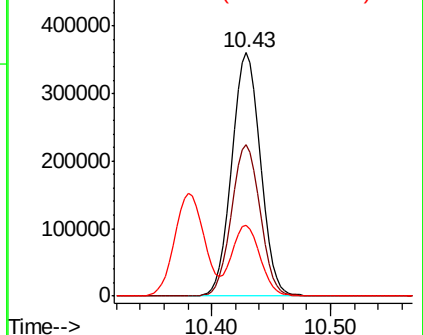
39 29.1 23.4 35.0

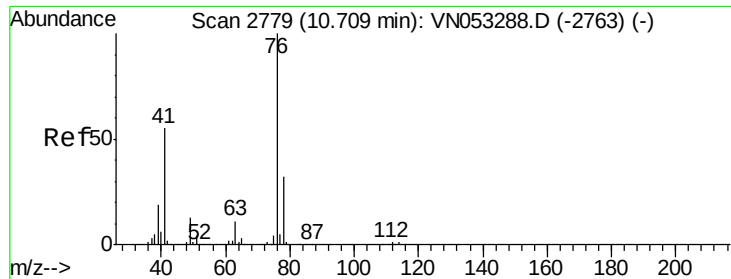


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

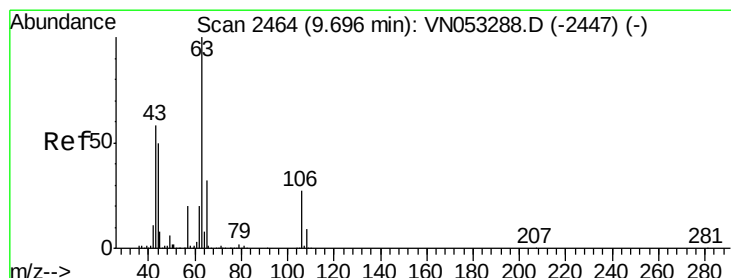
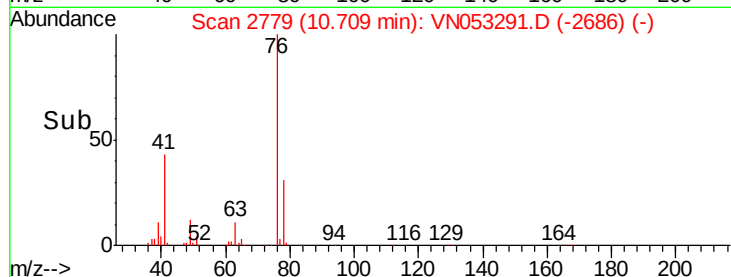
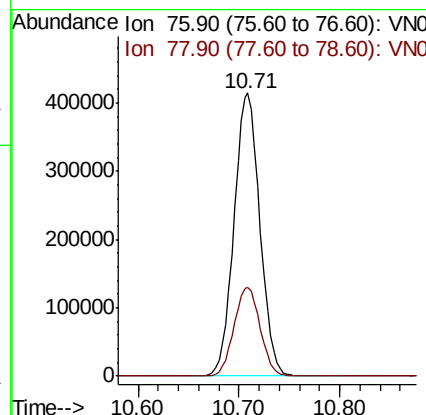
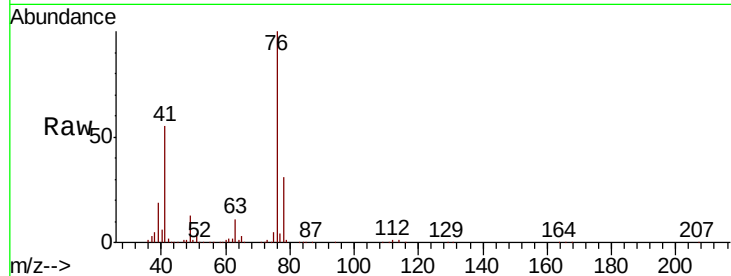




#57
 1,3-Dichloropropane
 Concen: 49.364 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

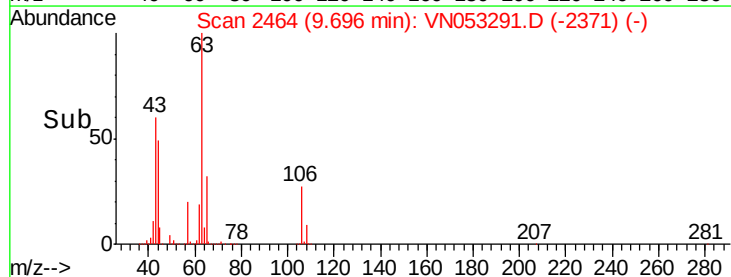
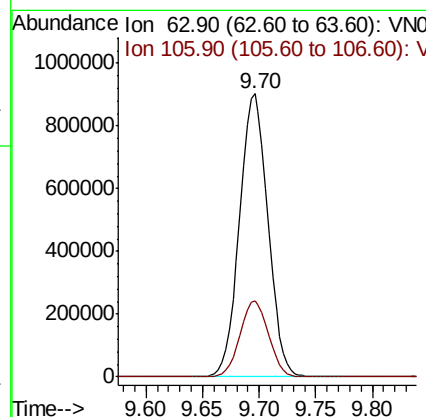
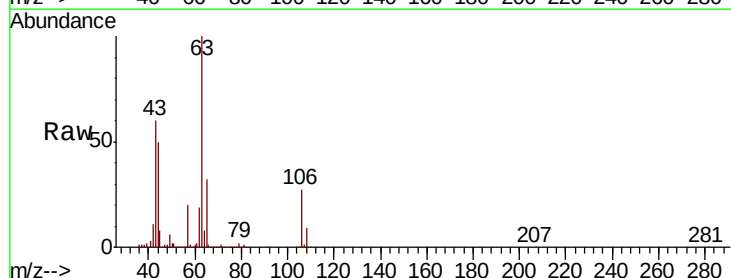
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

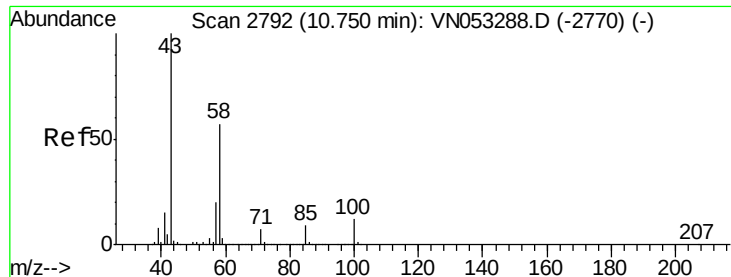
Tgt Ion: 76 Resp: 737907
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.368 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion: 63 Resp: 1583519
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.7 32.5

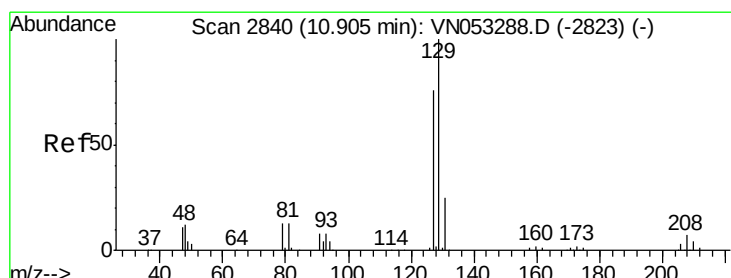
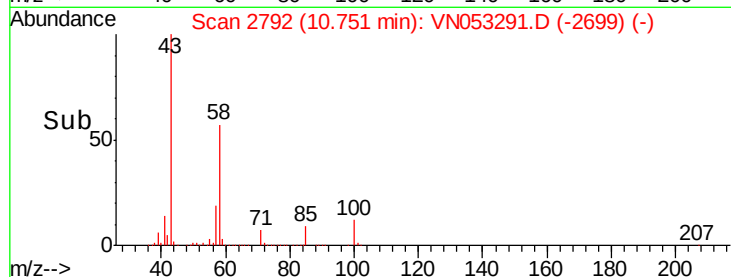
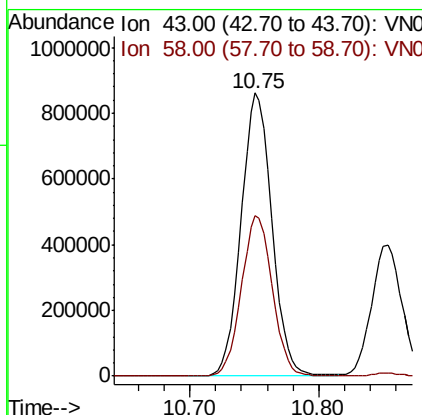
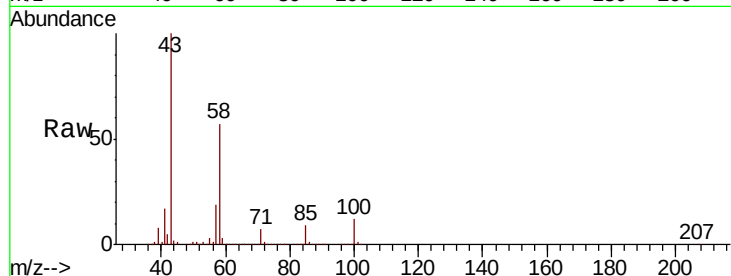




#59
2-Hexanone
Concen: 250.100 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

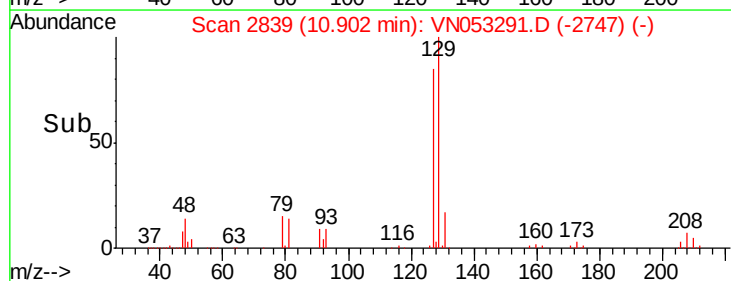
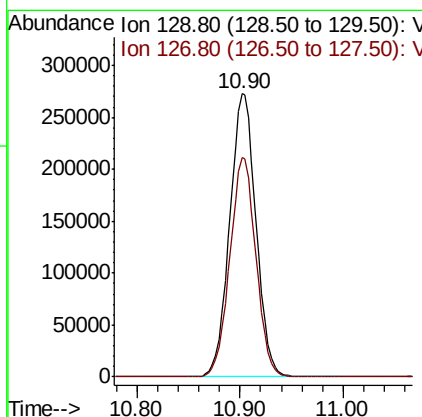
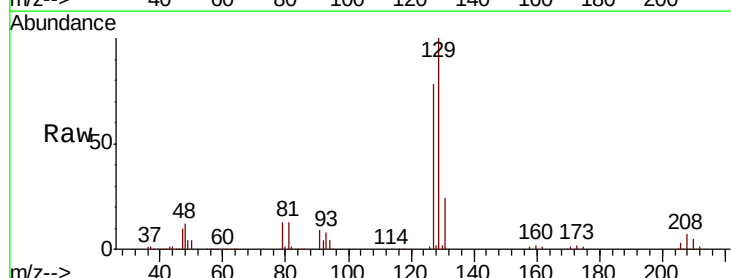
Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

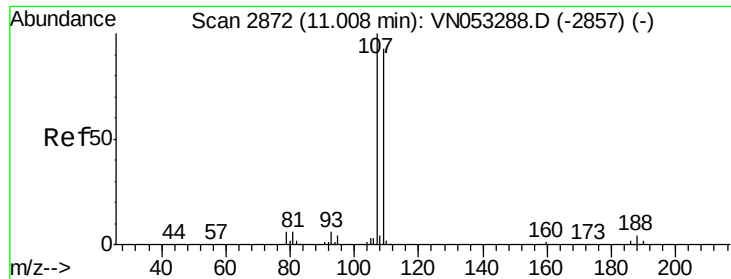
Tgt Ion: 43 Resp: 1429313
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0



#60
Dibromochloromethane
Concen: 50.428 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion: 129 Resp: 483521
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.732 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

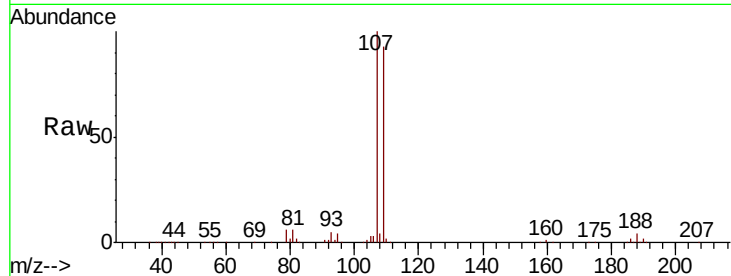
ICVVN010519

Tgt Ion: 107 Resp: 445292

Ion Ratio Lower Upper

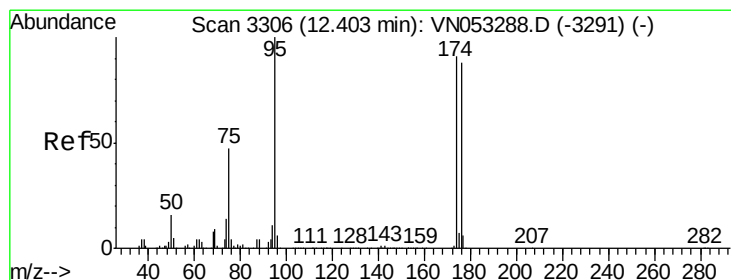
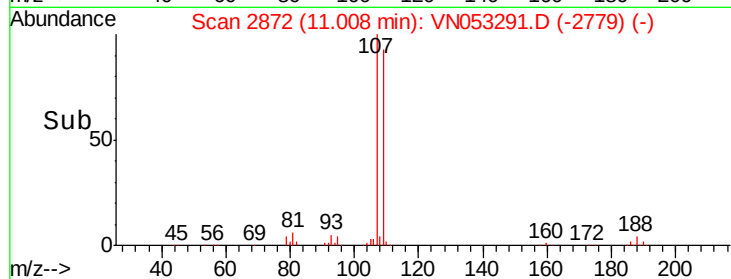
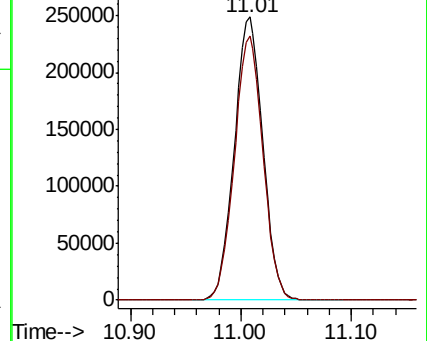
107 100

109 93.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.732 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

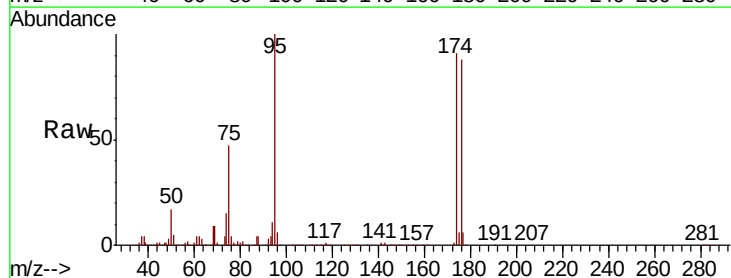
Tgt Ion: 95 Resp: 598783

Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.4

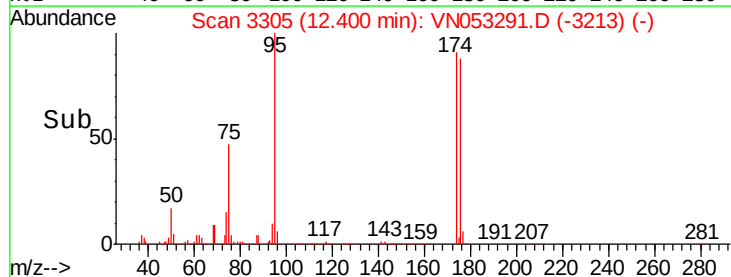
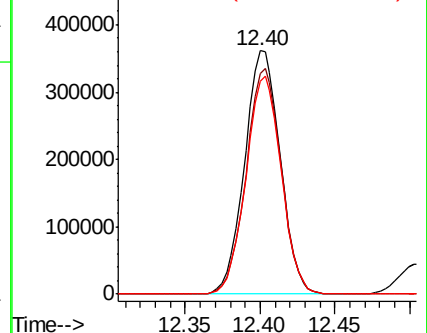
176 88.8 0.0 175.6

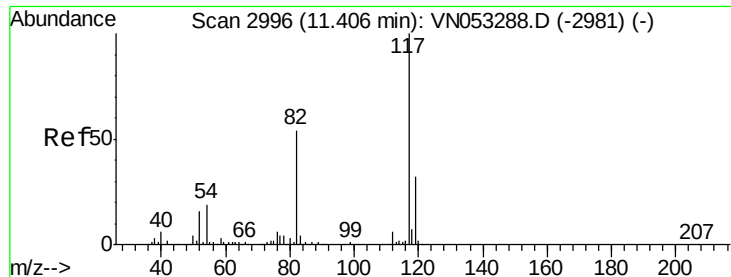


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

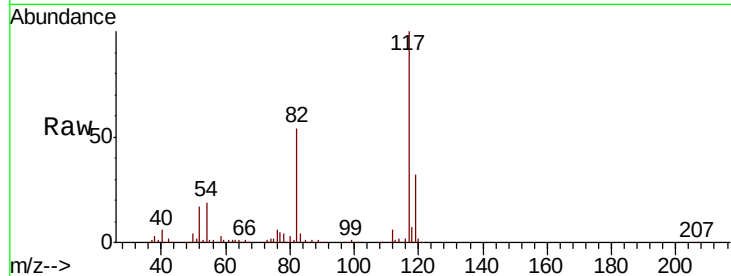




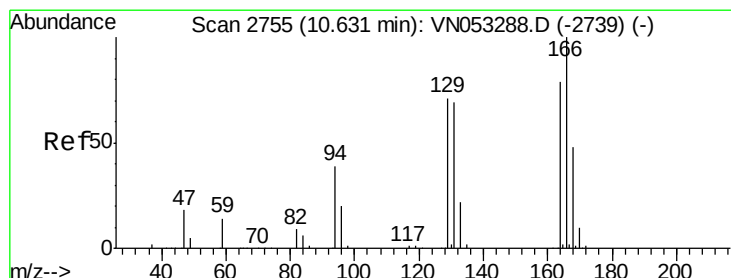
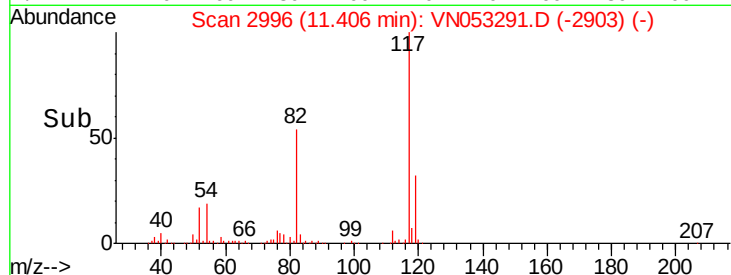
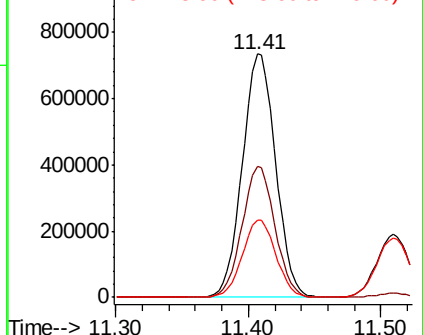
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

Tgt Ion:117 Resp: 1277091
Ion Ratio Lower Upper
117 100
82 54.0 42.9 64.3
119 32.0 25.6 38.4

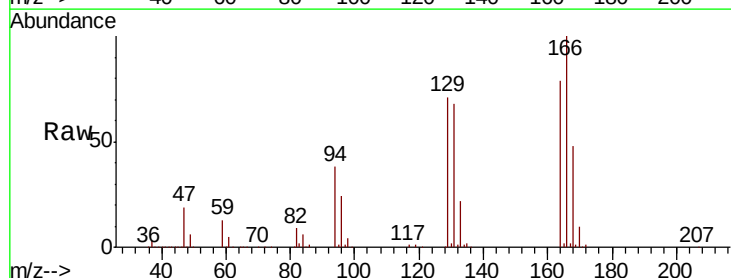


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

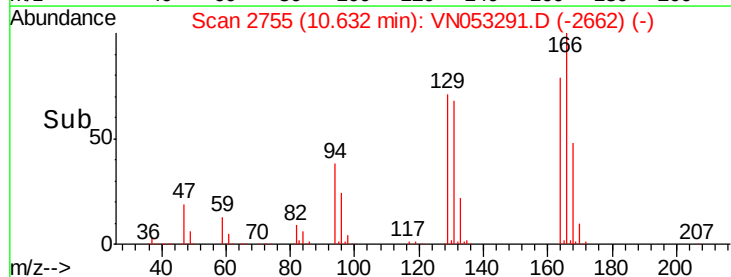
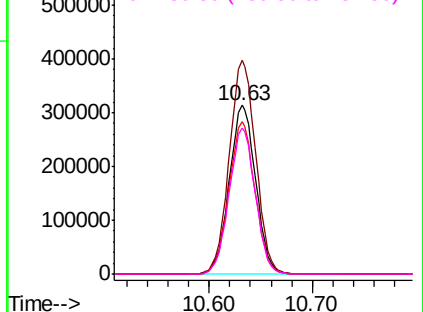


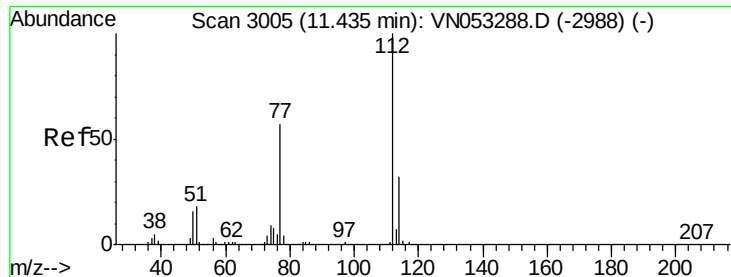
#64
Tetrachloroethene
Concen: 47.030 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion:164 Resp: 557666
Ion Ratio Lower Upper
164 100
166 126.8 101.7 152.5
129 90.6 72.1 108.1
131 86.8 69.9 104.9



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: 49.339 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

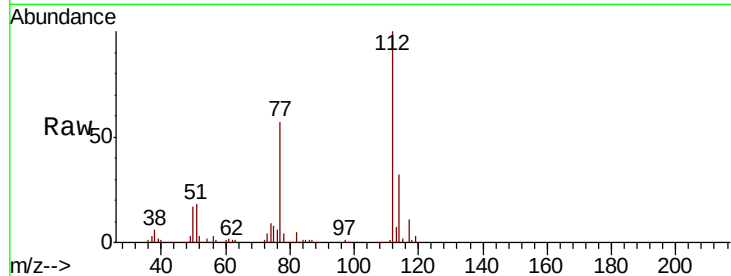
ICVVN010519

Tgt Ion:112 Resp: 1349664

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

800000

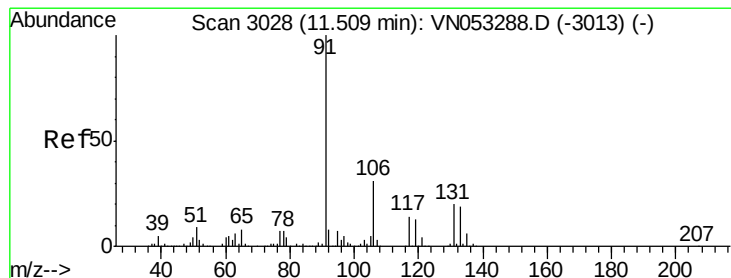
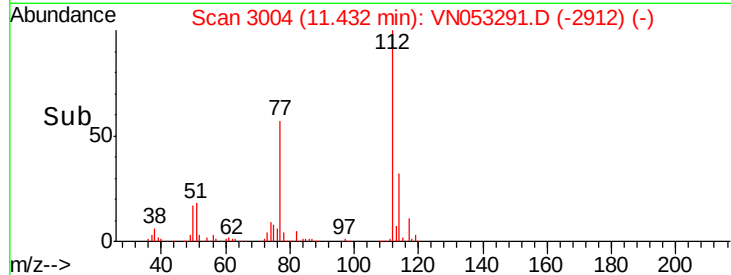
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.836 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

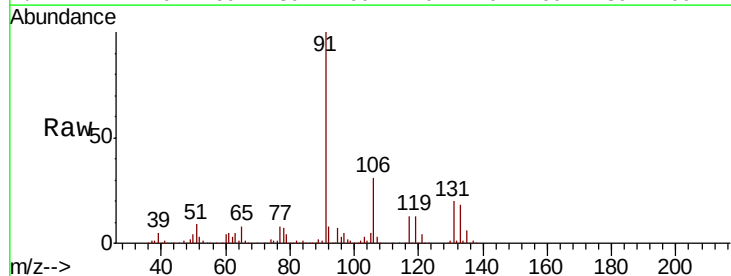
Tgt Ion:131 Resp: 473412

Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 66.3 33.3 99.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

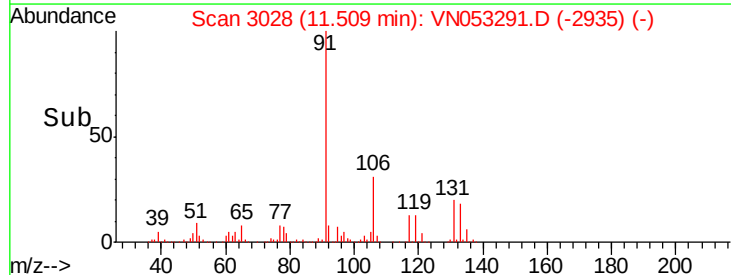
300000

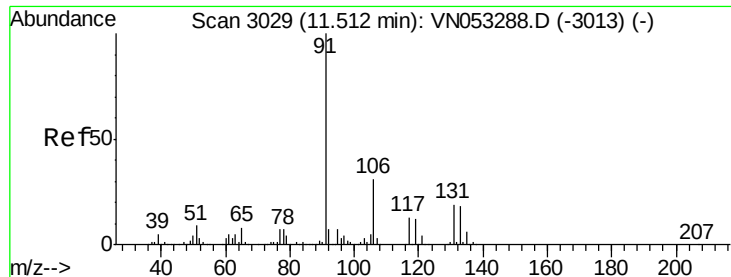
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 50.411 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

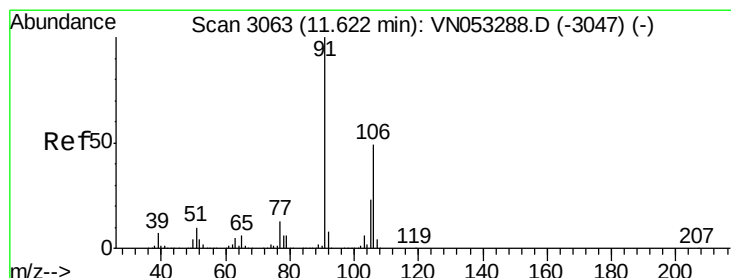
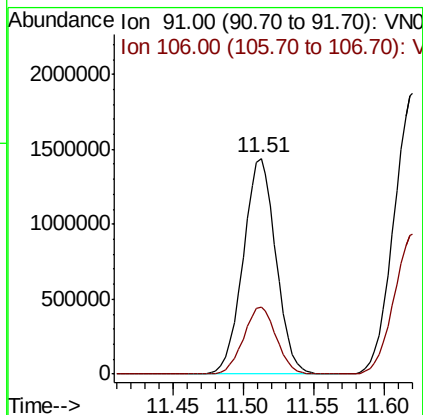
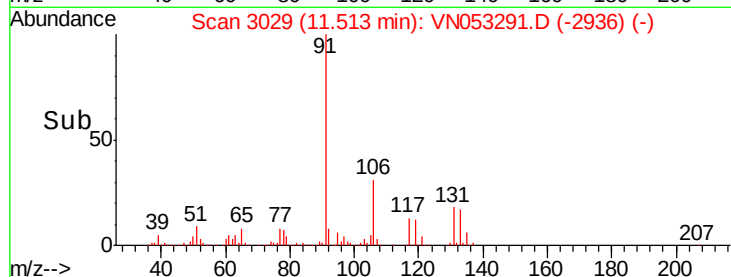
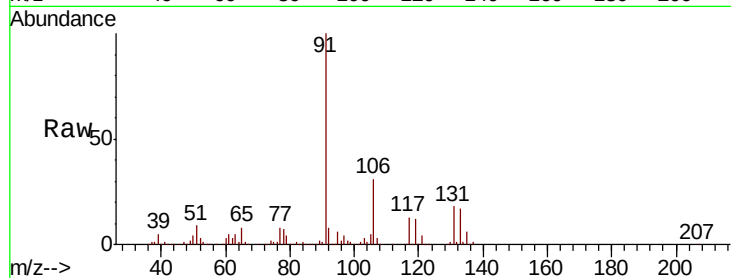
ICVVN010519

Tgt Ion: 91 Resp: 2336806

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 102.143 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053291.D

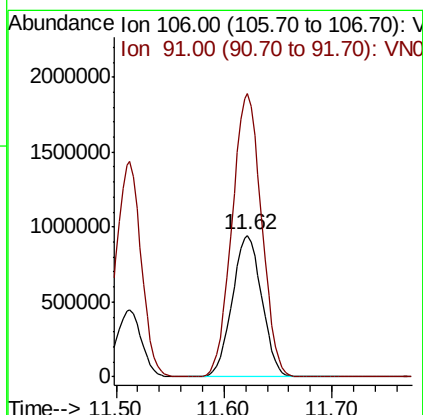
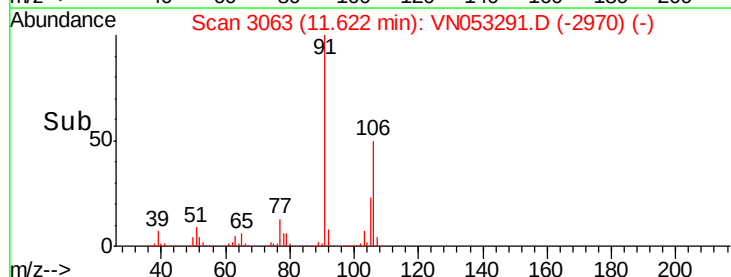
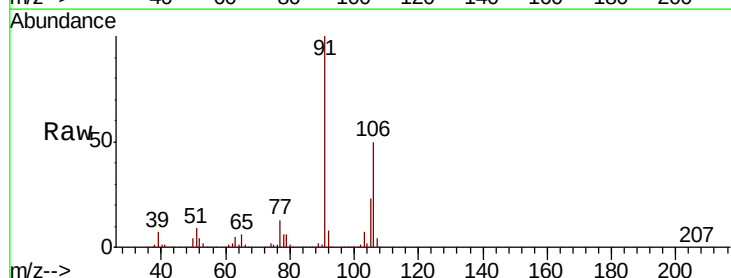
Acq: 4 Jan 2019 19:56

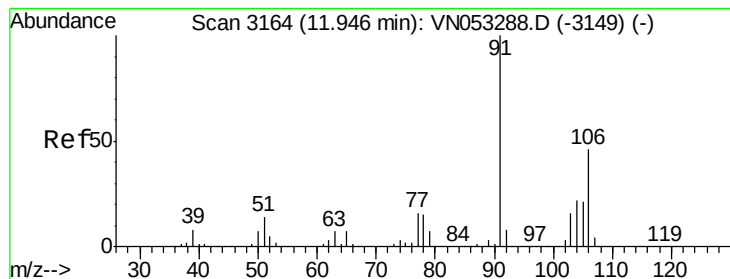
Tgt Ion: 106 Resp: 1797218

Ion Ratio Lower Upper

106 100

91 200.8 161.4 242.2





#69

o-Xylene

Concen: 51.269 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

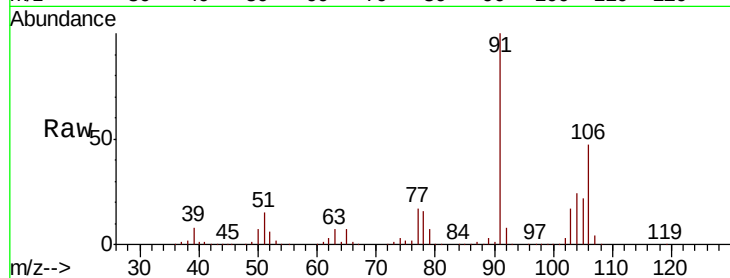
ICVVN010519

Tgt Ion:106 Resp: 875164

Ion Ratio Lower Upper

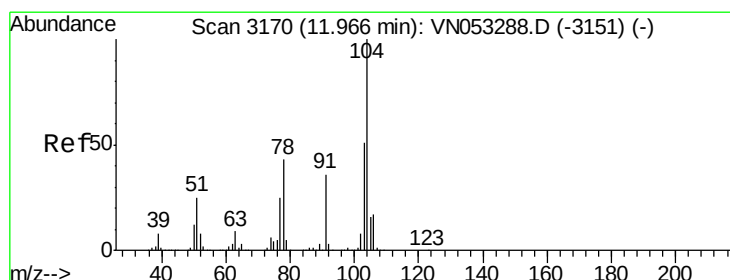
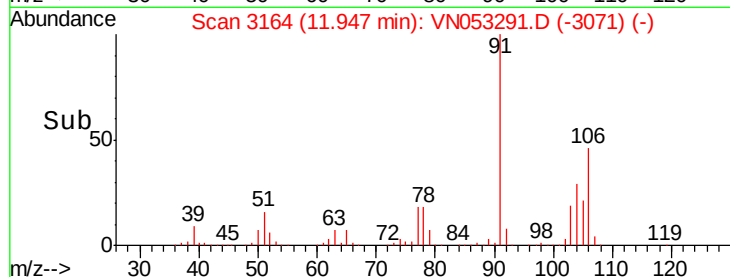
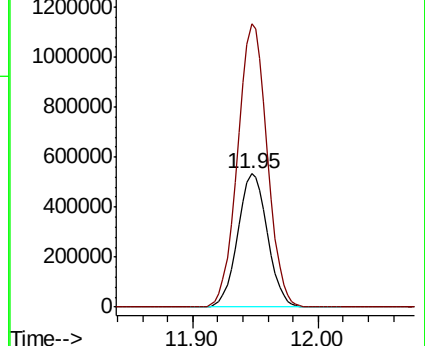
106 100

91 211.8 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 51.622 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

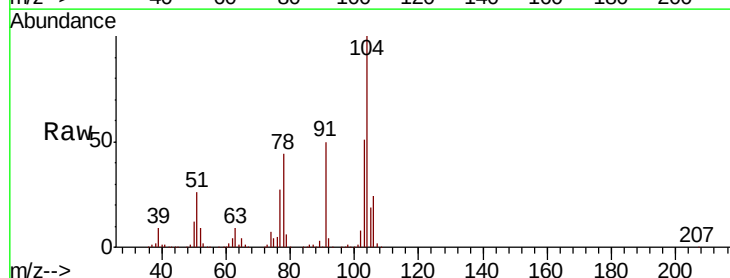
Tgt Ion:104 Resp: 1438661

Ion Ratio Lower Upper

104 100

78 48.1 38.5 57.7

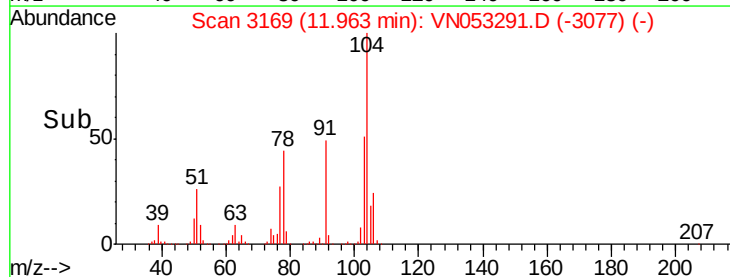
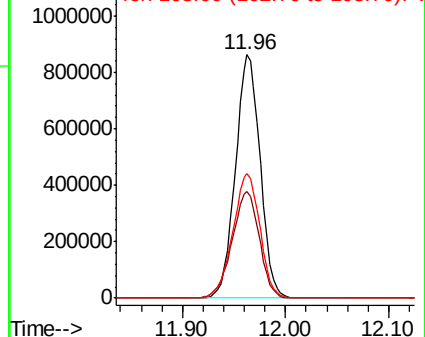
103 55.9 44.5 66.7

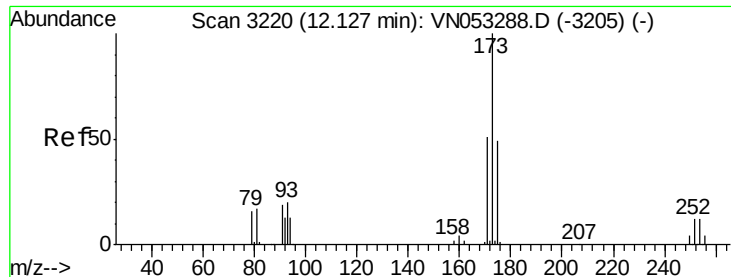


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

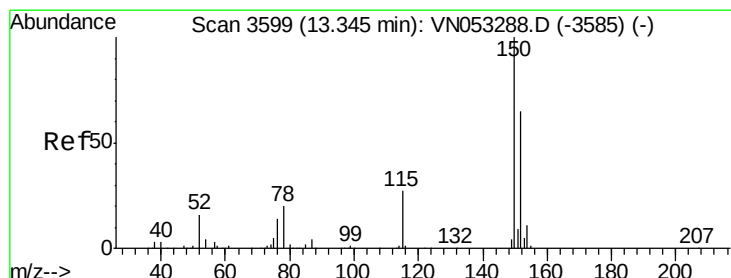
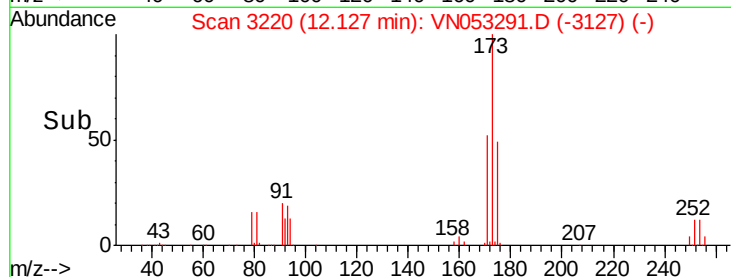
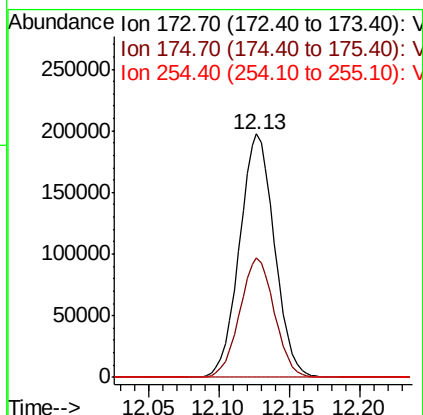
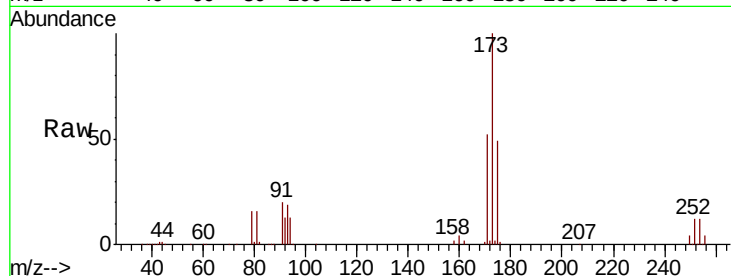




#71
Bromoform
Concen: 50.733 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

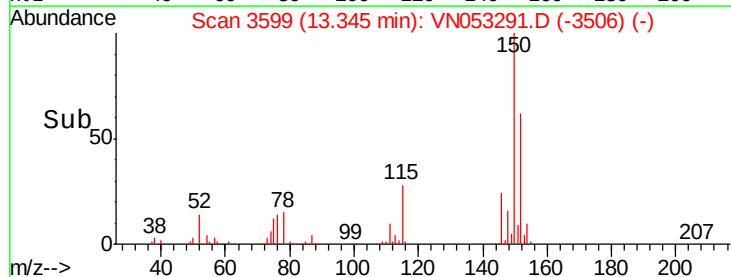
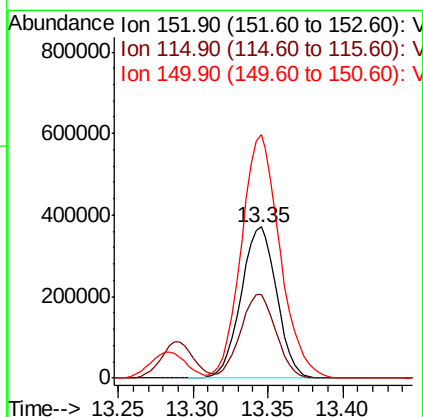
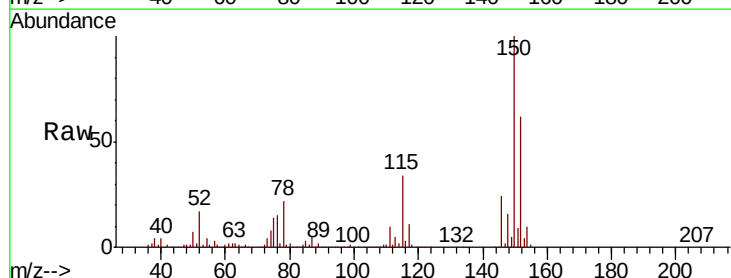
Instrument :
MSVOA_N
ClientSampled :
ICVVN010519

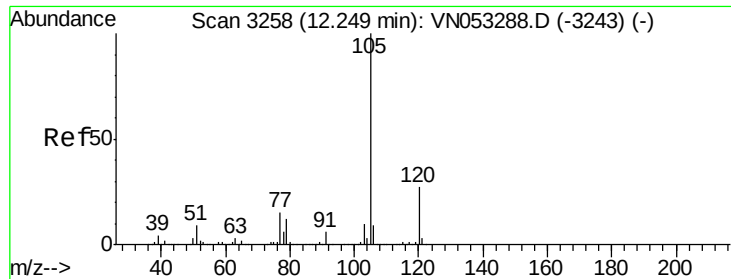
Tgt Ion:173 Resp: 342501
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion:152 Resp: 613517
Ion Ratio Lower Upper
152 100
115 55.4 28.0 84.0
150 174.2 0.0 346.6





#73

Isopropylbenzene

Concen: 50.780 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

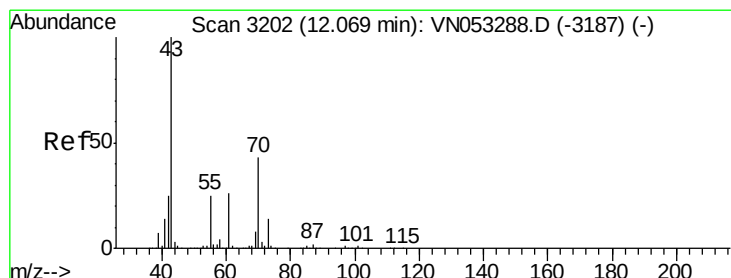
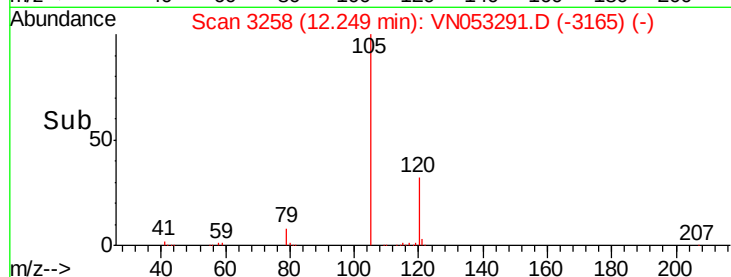
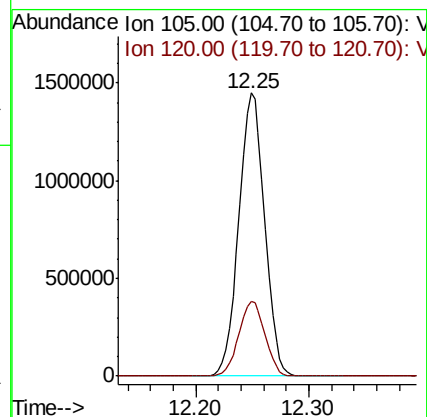
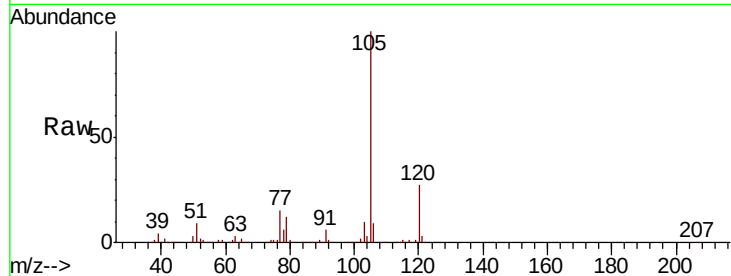
ICVVN010519

Tgt Ion: 105 Resp: 2299546

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 51.734 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Tgt Ion: 43 Resp: 698472

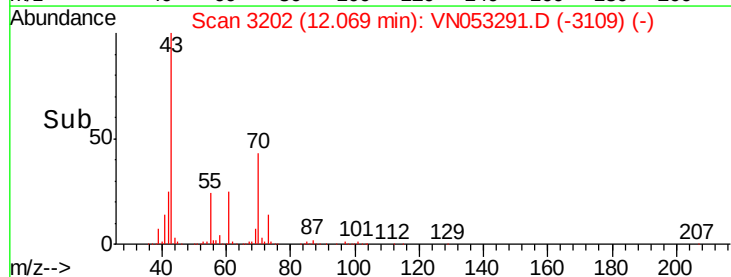
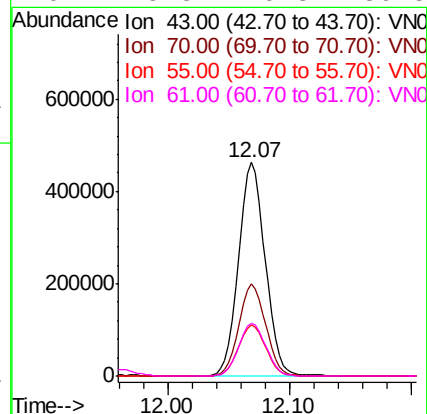
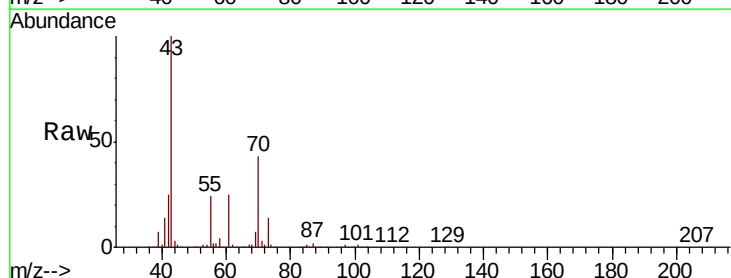
Ion Ratio Lower Upper

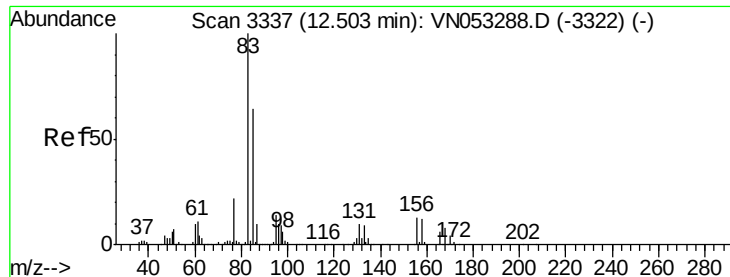
43 100

70 43.7 35.0 52.6

55 24.8 20.0 30.0

61 25.3 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.839 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

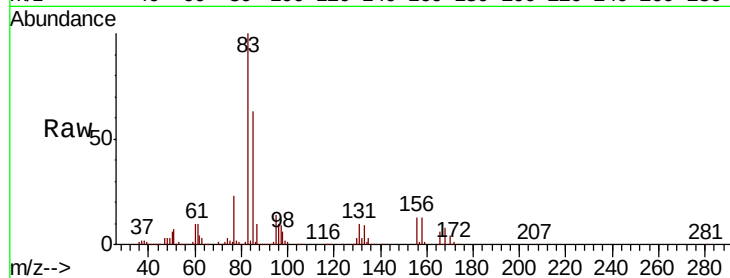
Tgt Ion: 83 Resp: 512950

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.9

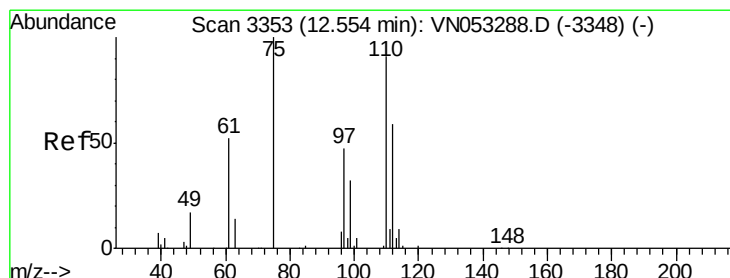
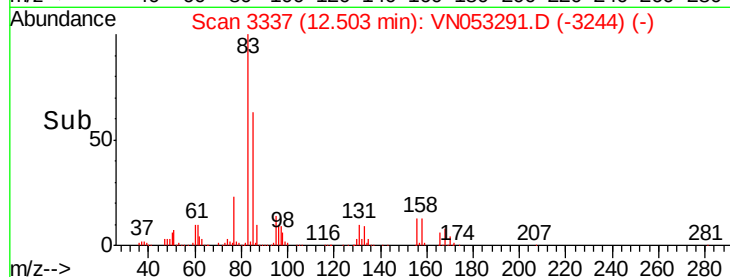
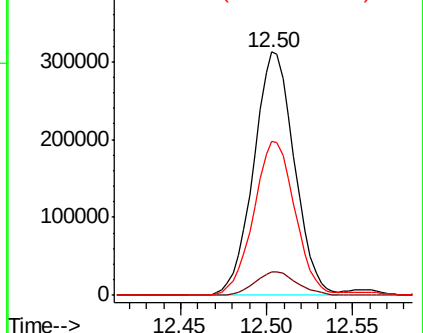
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 72.409 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053291.D

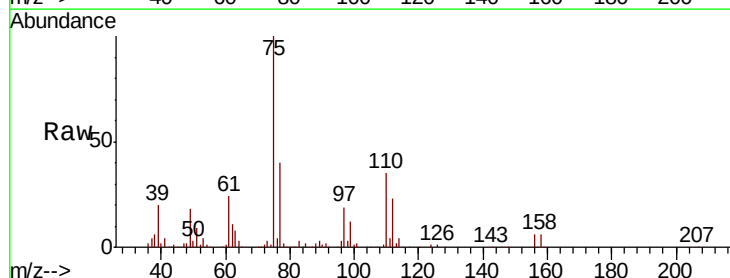
Acq: 4 Jan 2019 19:56

Tgt Ion: 75 Resp: 687037

Ion Ratio Lower Upper

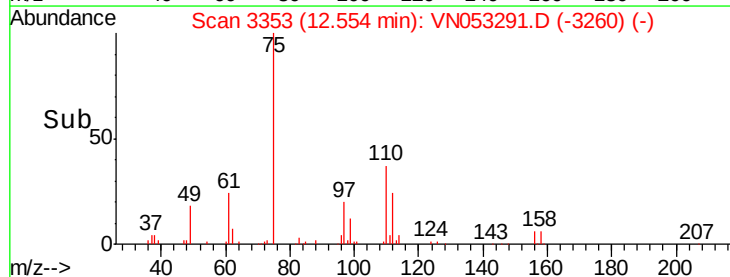
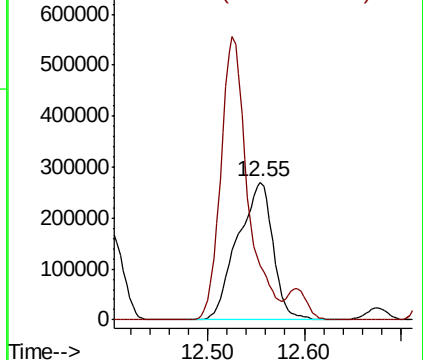
75 100

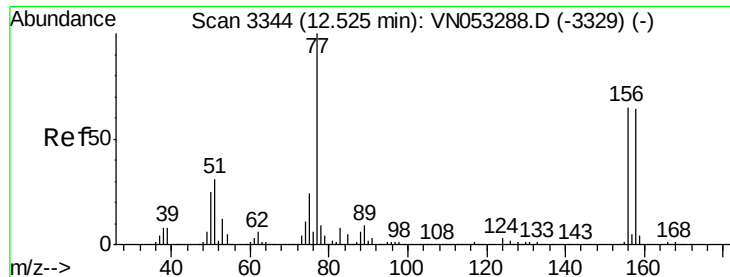
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.744 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN010519

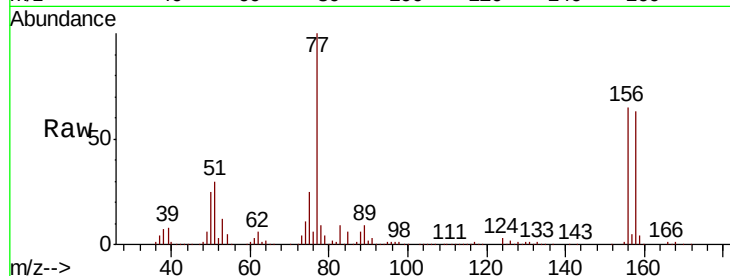
Tgt Ion:156 Resp: 600658

Ion Ratio Lower Upper

156 100

77 179.7 89.3 268.1

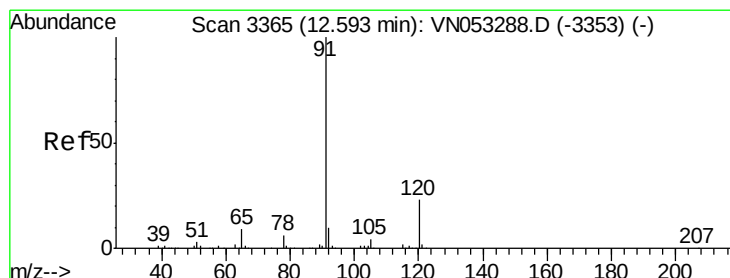
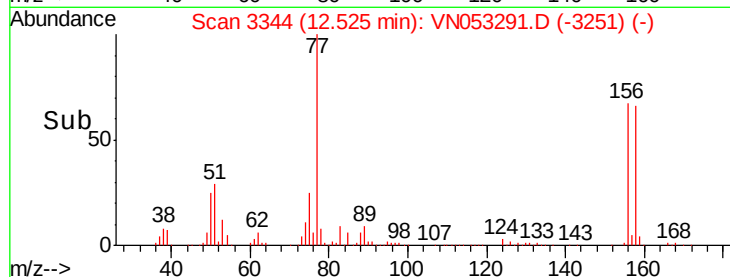
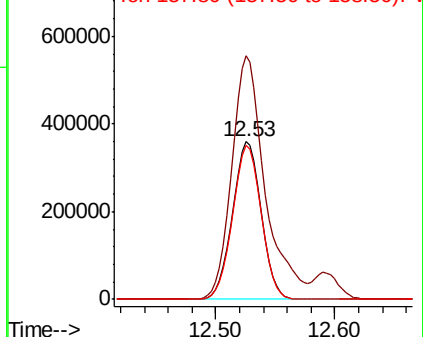
158 97.2 48.9 146.8



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: 51.115 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053291.D

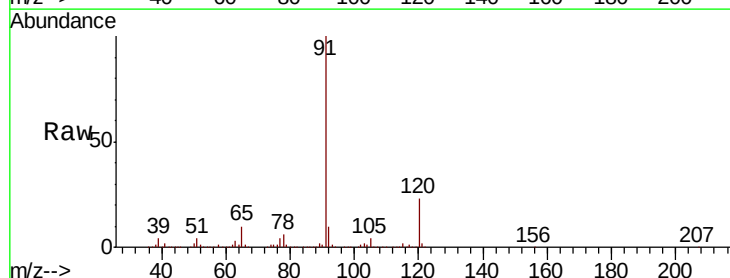
Acq: 4 Jan 2019 19:56

Tgt Ion: 91 Resp: 2616212

Ion Ratio Lower Upper

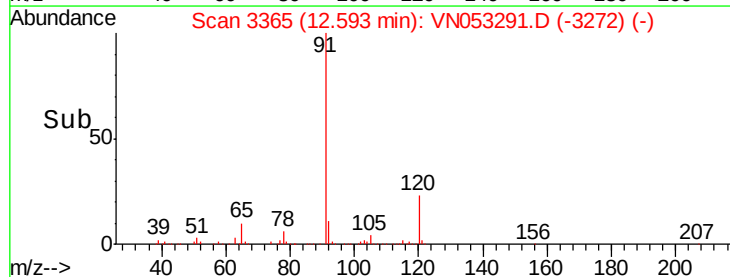
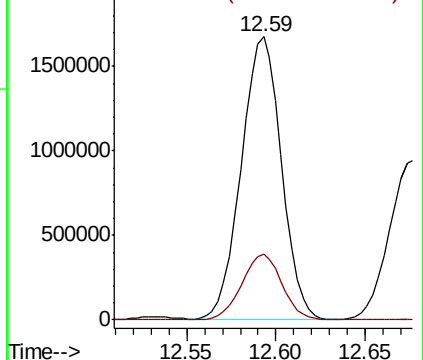
91 100

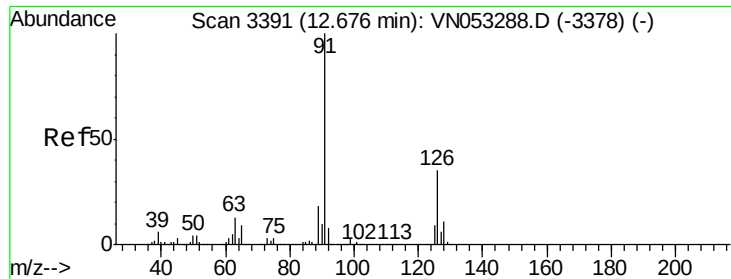
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.674 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

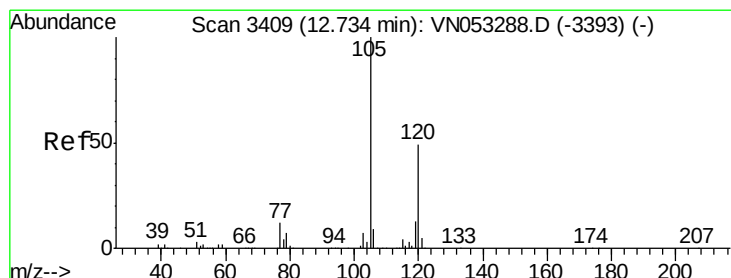
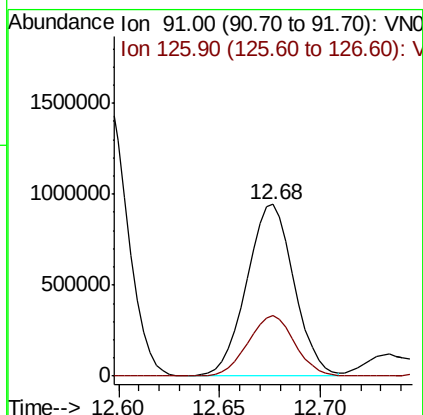
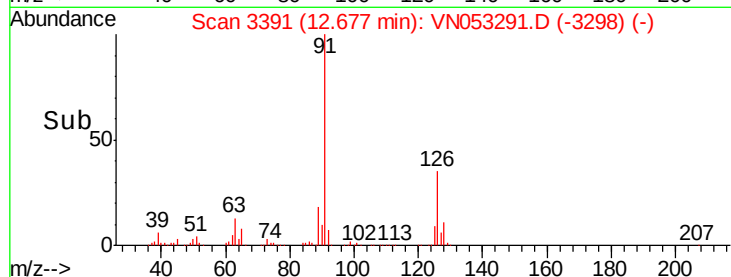
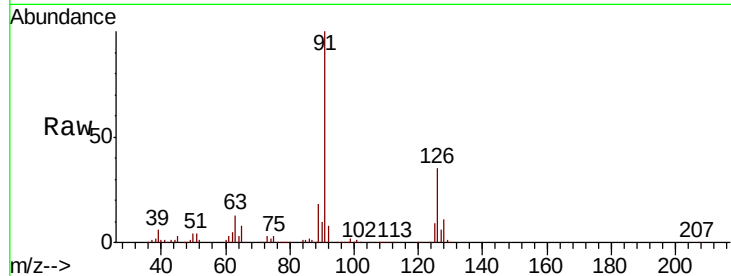
ICVVN010519

Tgt Ion: 91 Resp: 1542057

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.979 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053291.D

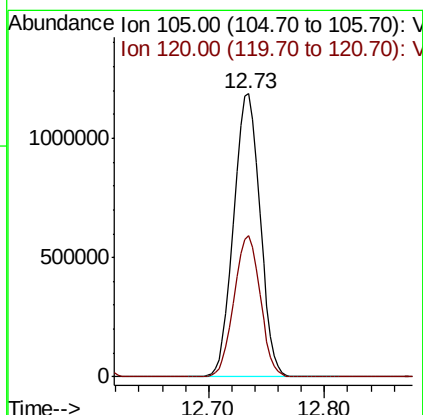
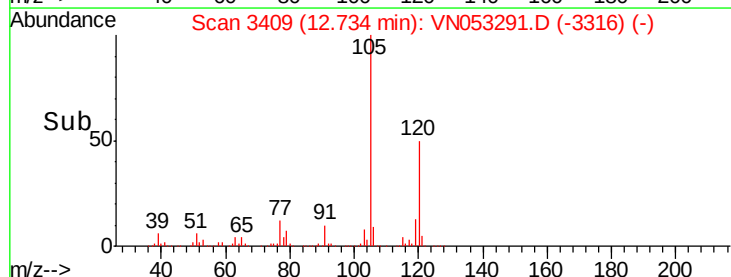
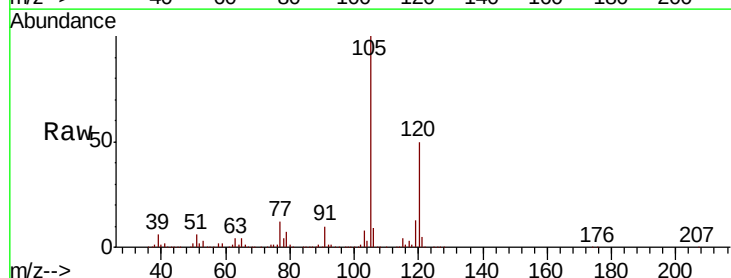
Acq: 4 Jan 2019 19:56

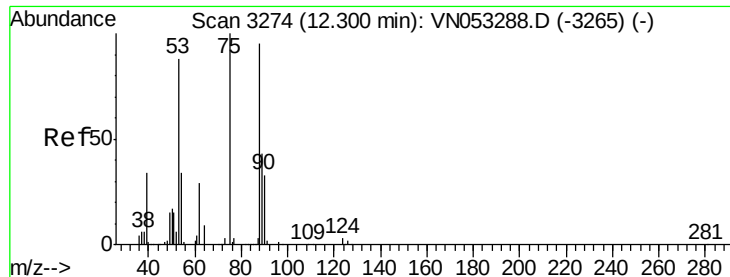
Tgt Ion: 105 Resp: 1860596

Ion Ratio Lower Upper

105 100

120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 52.742 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

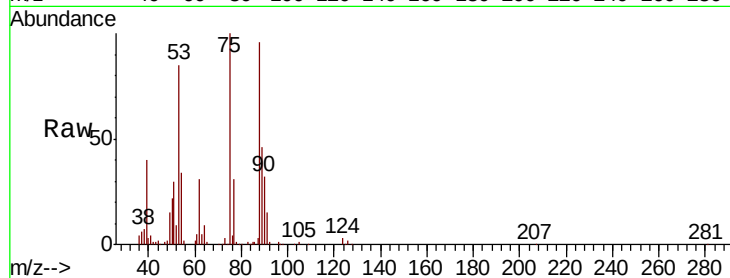
MSVOA_N

ClientSampleId :

ICVNN010519

Tgt Ion: 75 Resp: 159850

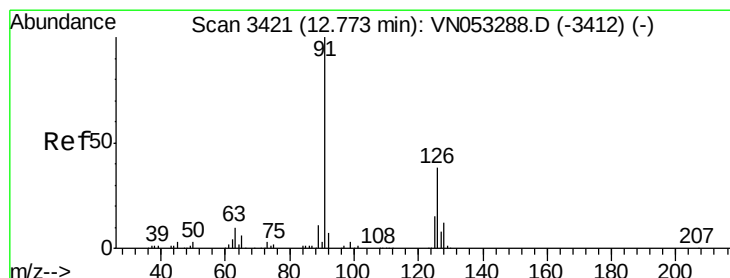
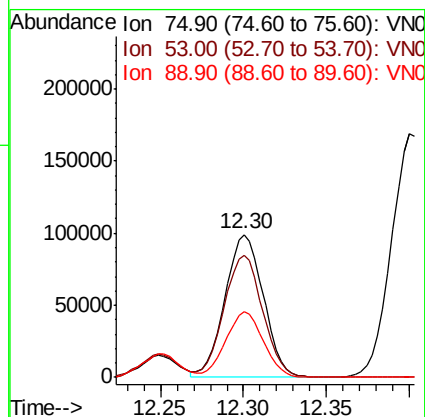
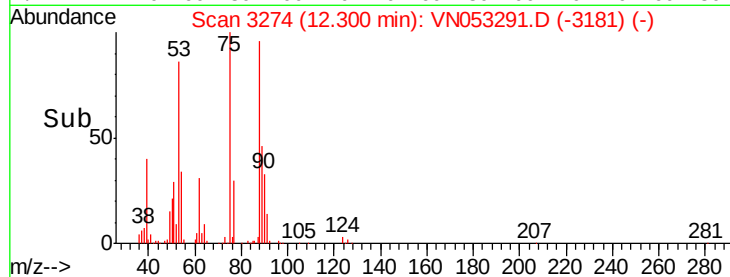
Ion	Ratio	Lower	Upper
75	100		
53	86.8	70.5	105.7
89	45.2	35.4	53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.812 ug/l

RT: 12.77 min Scan# 3421

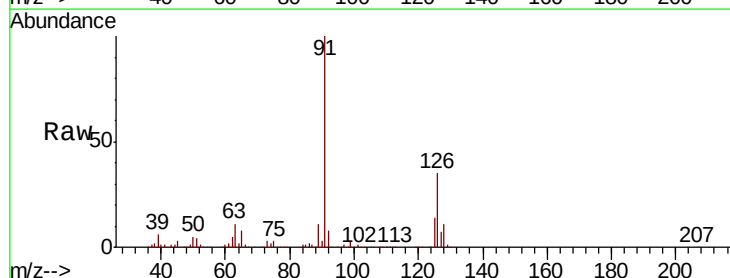
Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

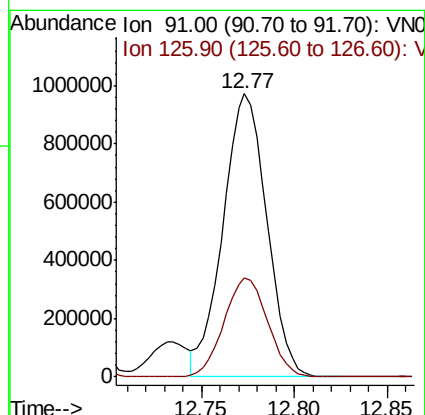
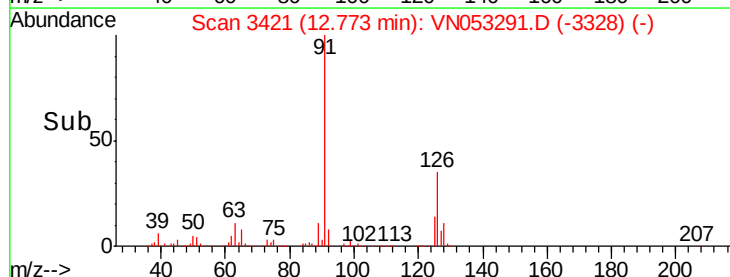
Tgt Ion: 91 Resp: 1586514

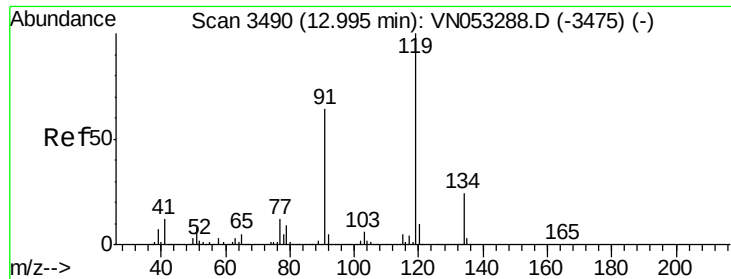
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

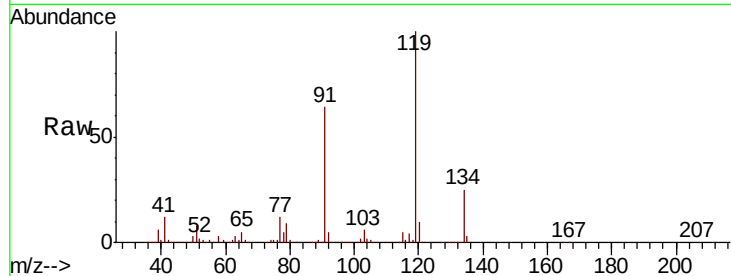




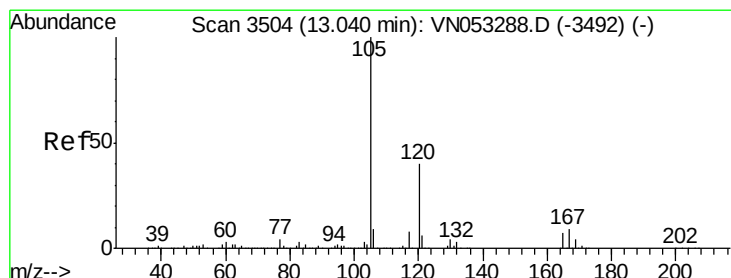
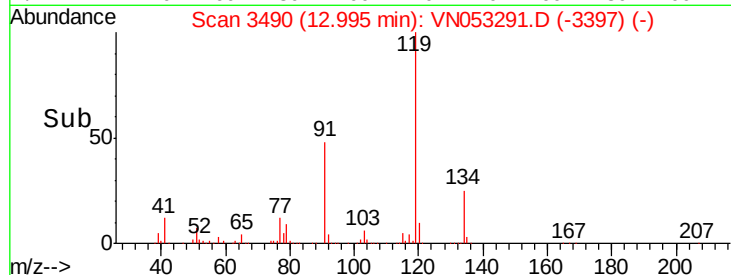
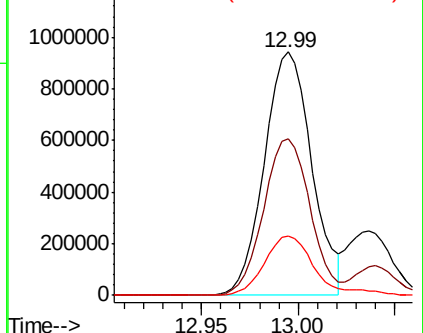
#83
 tert-Butylbenzene
 Concen: 50.450 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

Tgt Ion:119 Resp: 1610573
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.6 95.0
 134 25.8 12.9 38.6

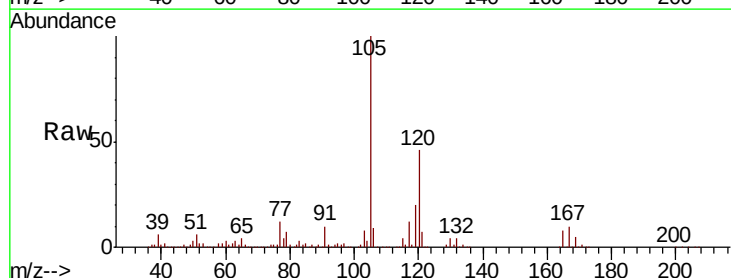


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

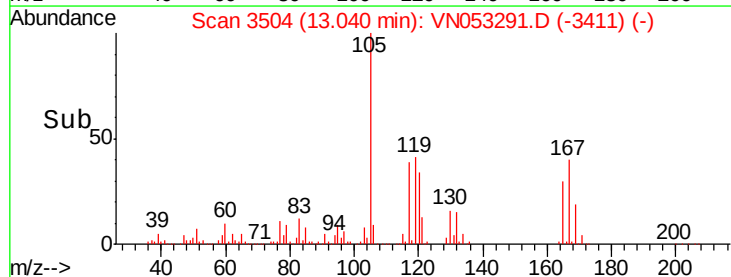
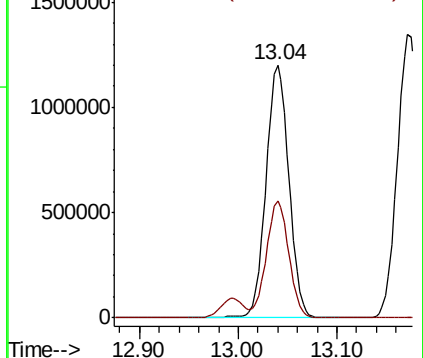


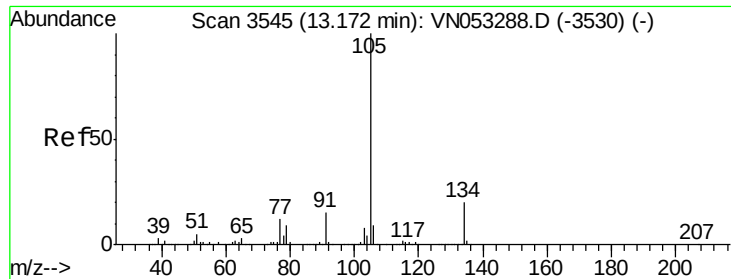
#84
 1,2,4-Trimethylbenzene
 Concen: 51.557 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion:105 Resp: 1907007
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.749 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampleId :

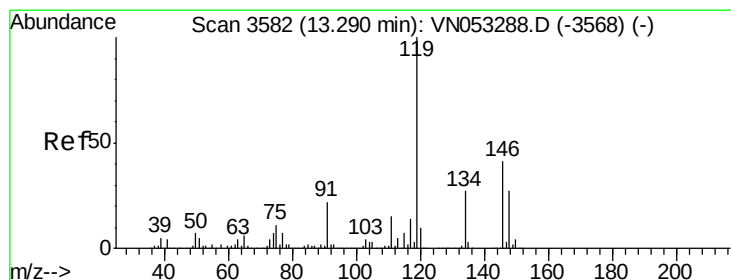
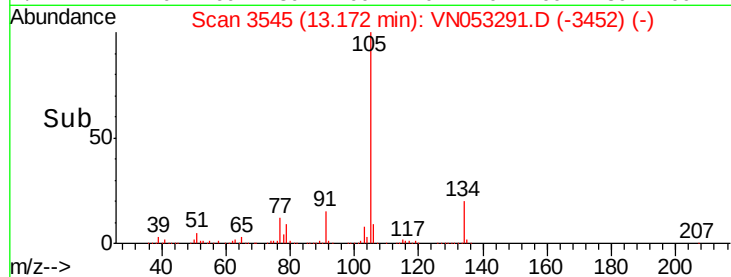
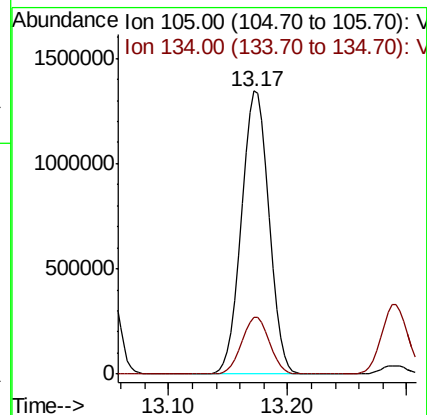
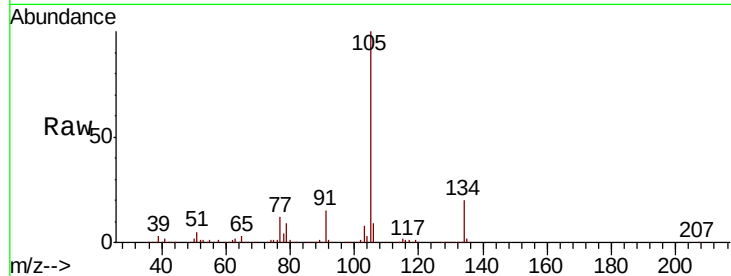
ICVVN010519

Tgt Ion:105 Resp: 2152459

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.263 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

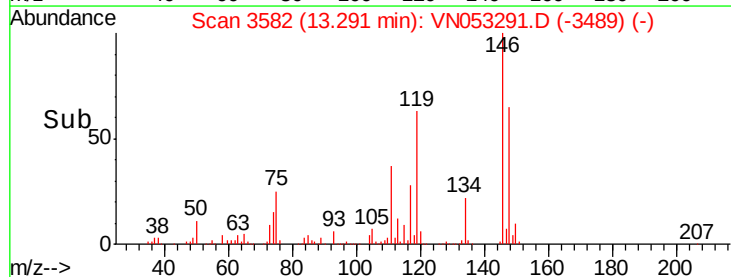
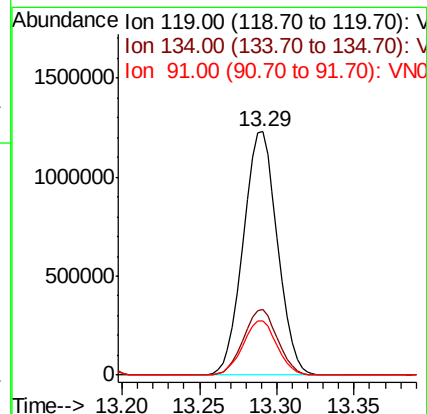
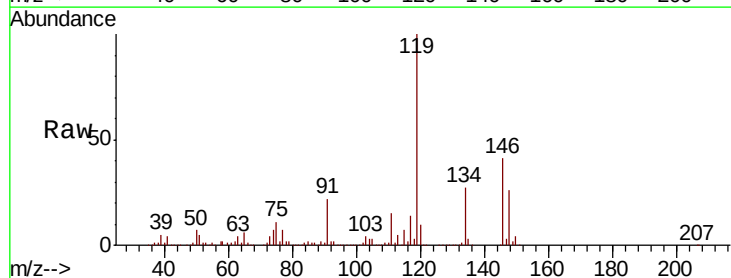
Tgt Ion:119 Resp: 1882958

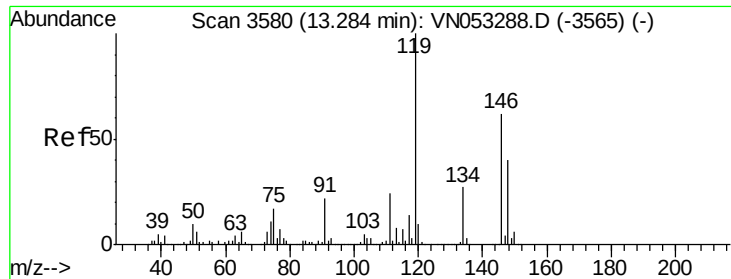
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.2 11.1 33.1

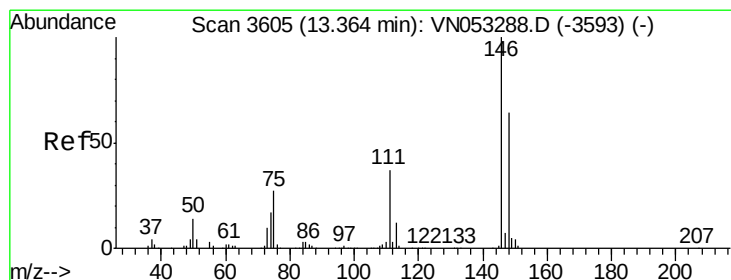
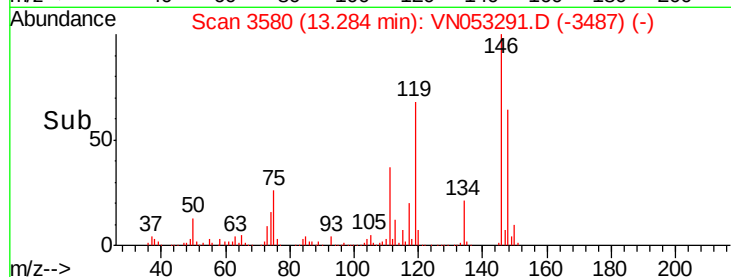
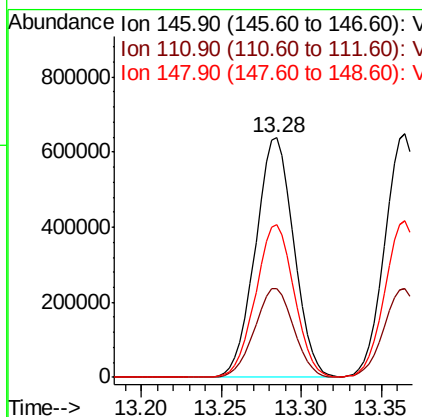
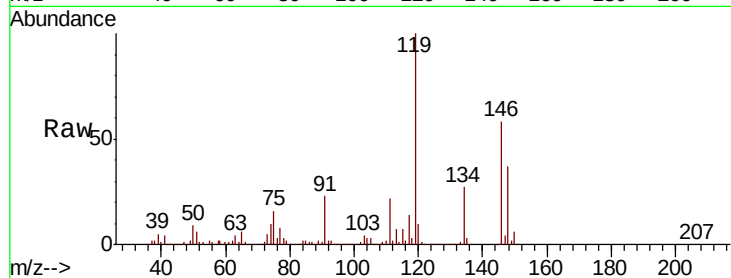




#87
 1,3-Dichlorobenzene
 Concen: 50.204 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

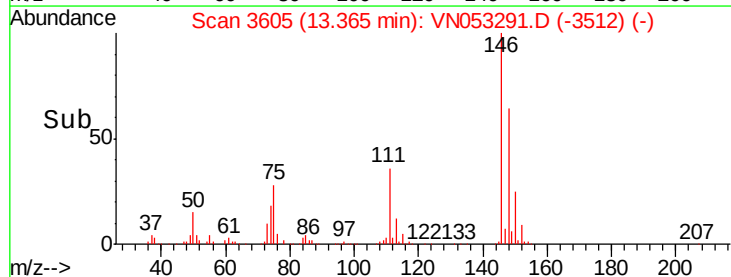
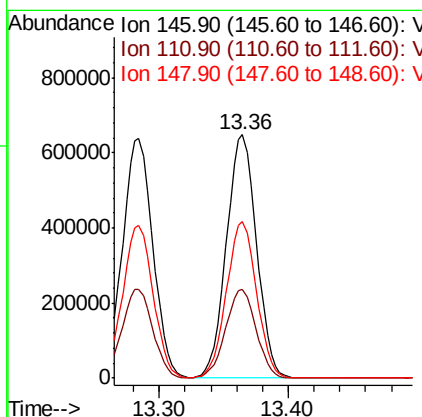
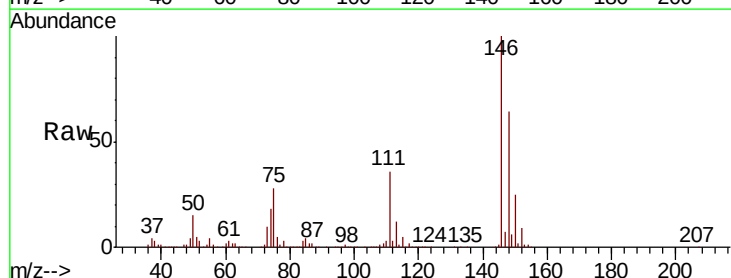
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

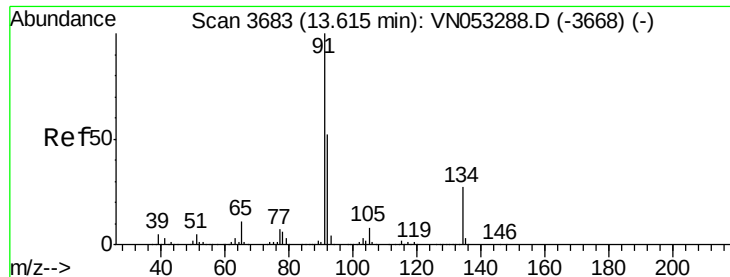
Tgt Ion:146 Resp: 1055809
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.508 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion:146 Resp: 1048447
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 51.659 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053291.D

Acq: 4 Jan 2019 19:56

Instrument :

MSVOA_N

ClientSampled :

ICVVN010519

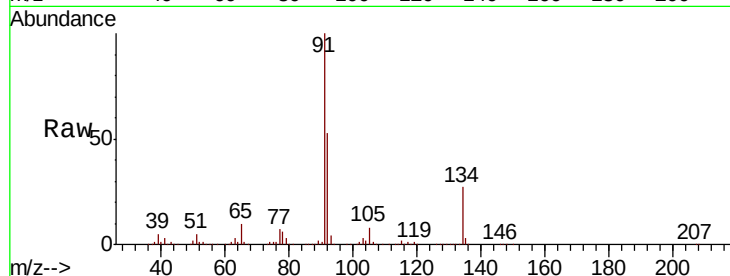
Tgt Ion: 91 Resp: 1571524

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.8

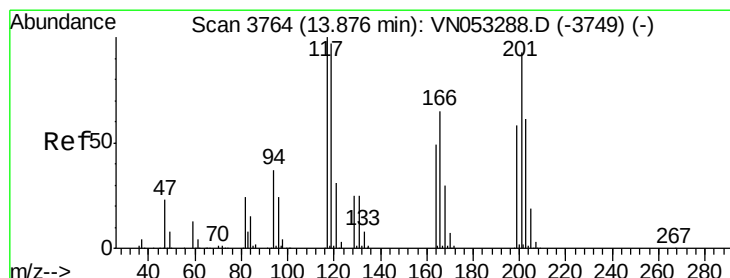
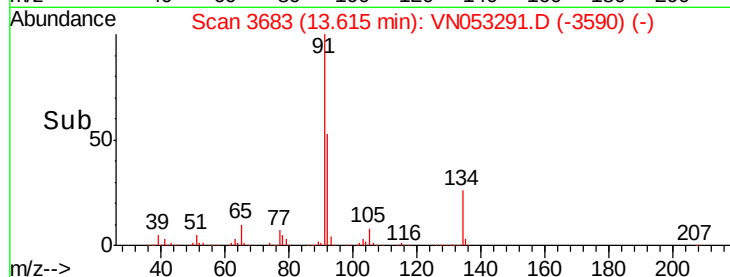
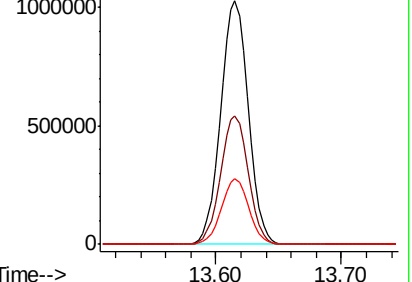
134 26.6 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN053288.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053288.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053288.D (-3668) (-)



#90

Hexachloroethane

Concen: 51.921 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053291.D

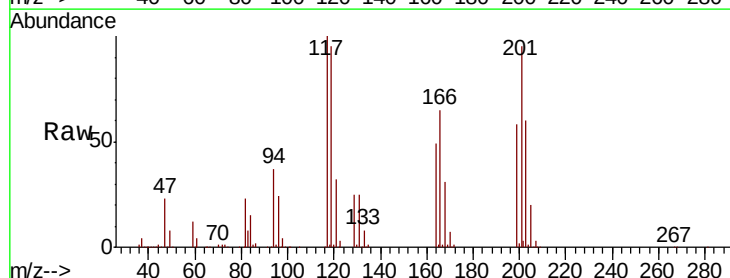
Acq: 4 Jan 2019 19:56

Tgt Ion: 117 Resp: 301283

Ion Ratio Lower Upper

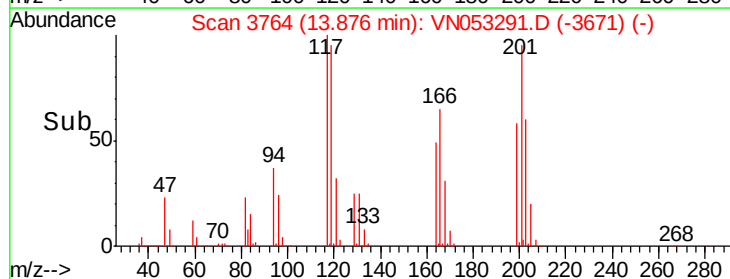
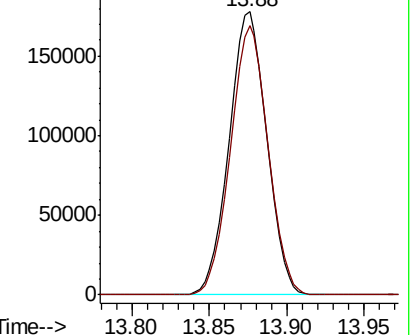
117 100

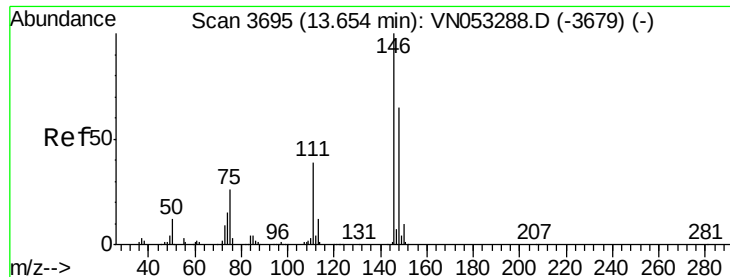
201 94.7 46.1 138.3



Abundance Ion 116.80 (116.50 to 117.50): VN053288.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053288.D (-3749) (-)

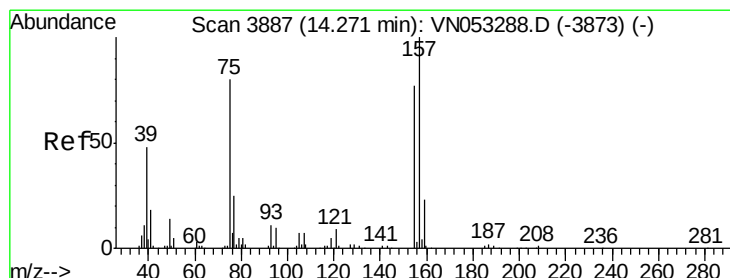
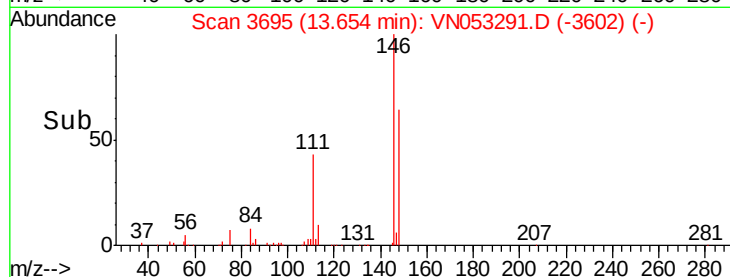
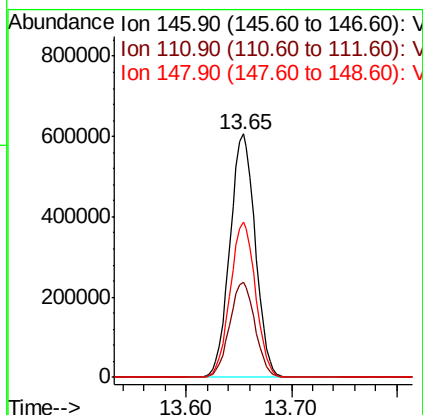
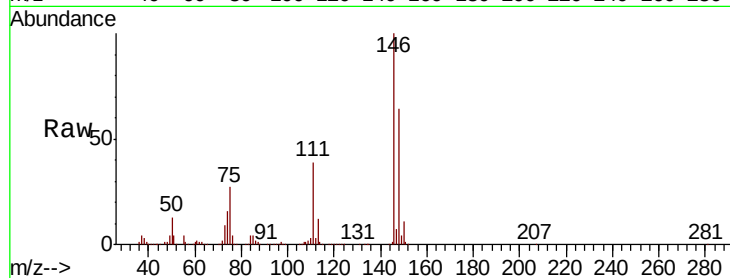




#91
 1,2-Dichlorobenzene
 Concen: 51.227 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

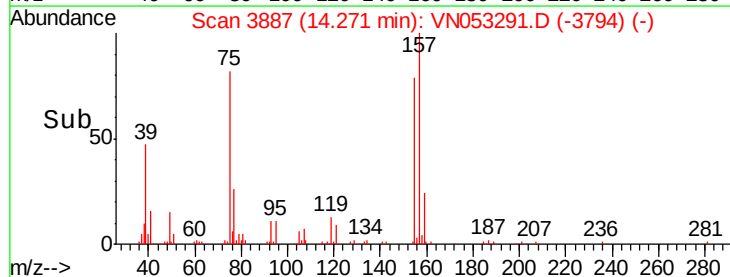
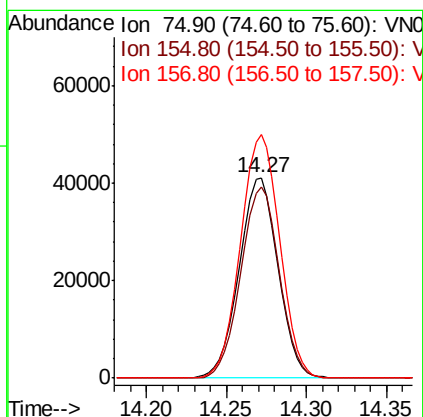
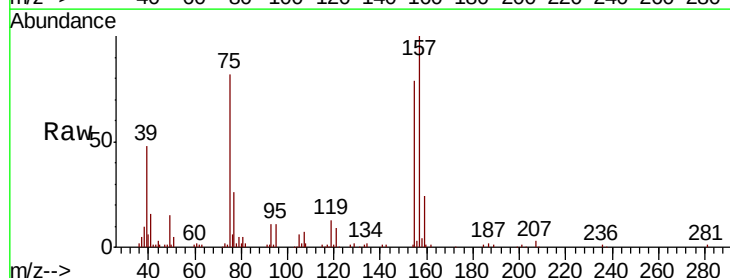
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

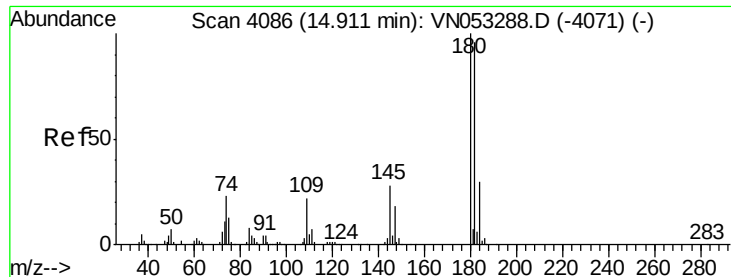
Tgt Ion:146 Resp: 1004206
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 63.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.413 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion: 75 Resp: 68080
 Ion Ratio Lower Upper
 75 100
 155 94.4 48.1 144.3
 157 122.4 61.5 184.4

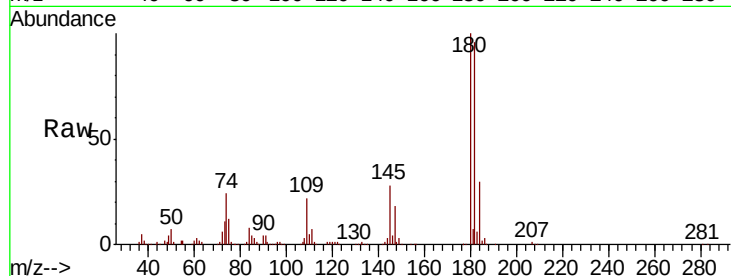




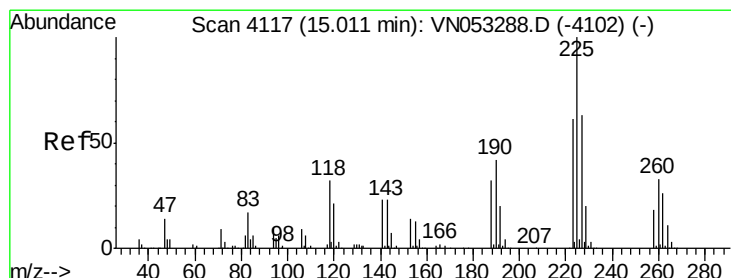
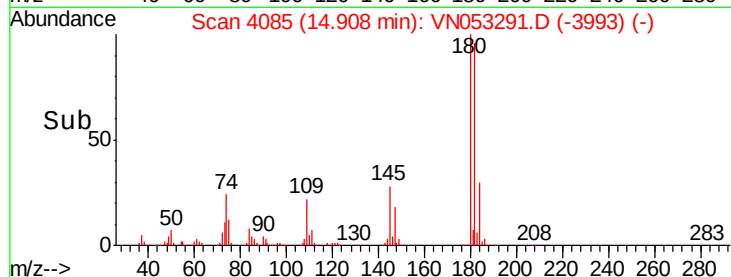
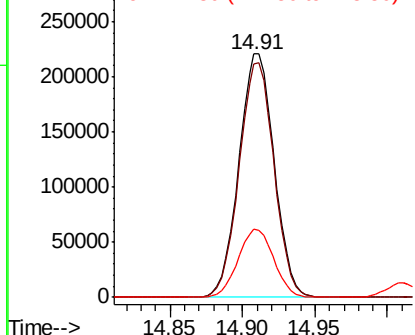
#93
 1,2,4-Trichlorobenzene
 Concen: 60.804 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN010519

Tgt Ion:180 Resp: 372464
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.4
 145 28.2 14.4 43.0

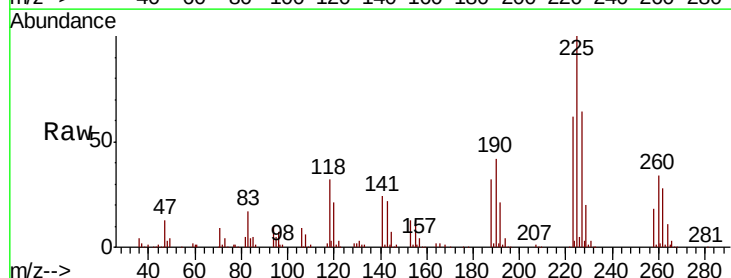


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

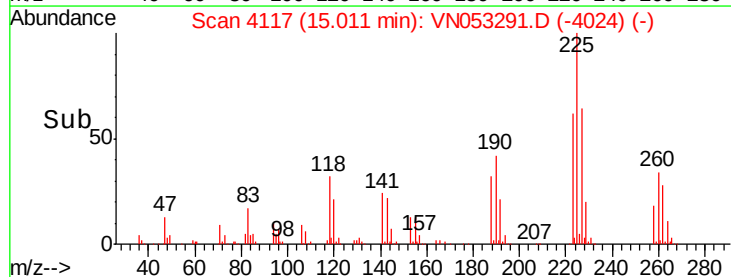
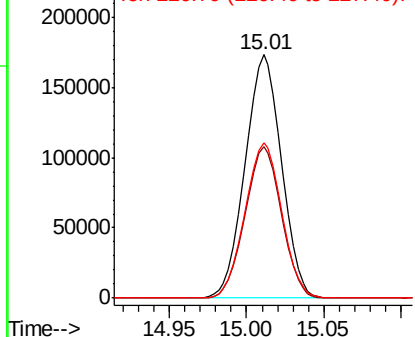


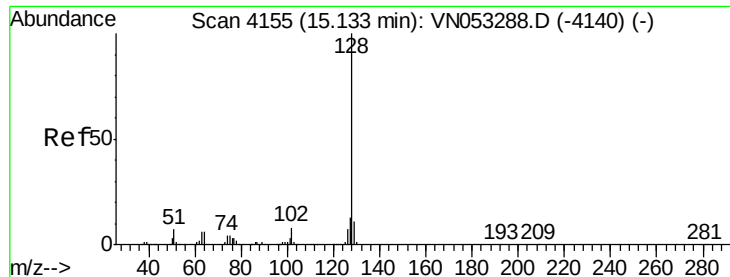
#94
 Hexachlorobutadiene
 Concen: 53.829 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053291.D
 Acq: 4 Jan 2019 19:56

Tgt Ion:225 Resp: 284452
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.9 92.8
 227 64.4 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

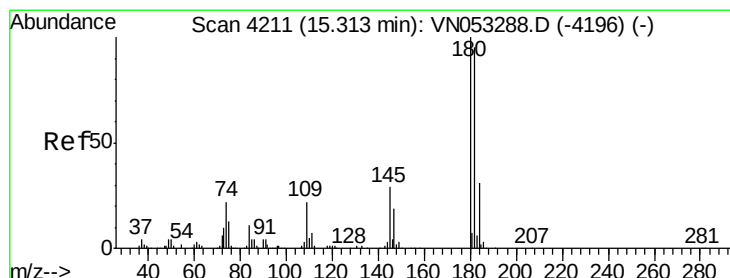
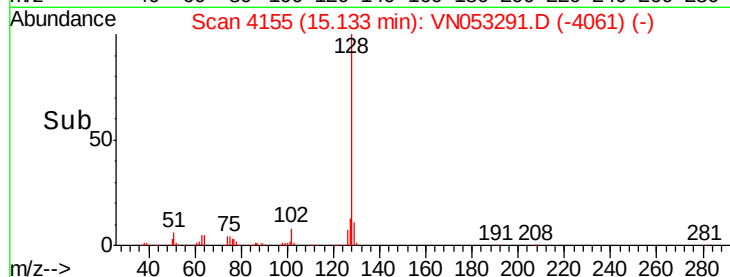
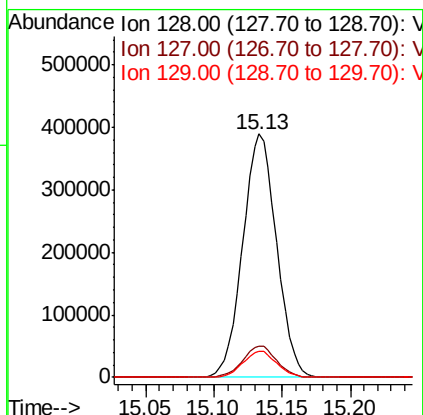
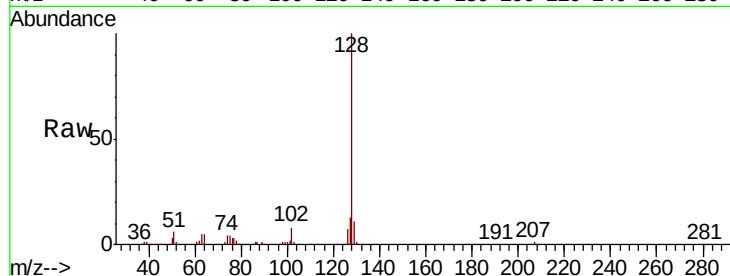




#95
Naphthalene
Concen: 56.642 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN010519

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 64.960 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053291.D
Acq: 4 Jan 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.0
145	29.7	14.9	44.5

