

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018598.D
 Acq On : 25 Sep 2020 16:17
 Operator : JC/SP
 Sample : L4098-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

Quant Time: Sep 28 01:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	416430	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	539910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	138138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	142751	24.23	ug/l	0.00
Spiked Amount			Recovery	=	48.46%	
35) Dibromofluoromethane	5.48	113	149023	39.93	ug/l	0.01
Spiked Amount			Recovery	=	79.86%	
50) Toluene-d8	8.70	98	597382	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	11.12	95	143921	26.68	ug/l	0.00
Spiked Amount			Recovery	=	53.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	858	0.286	ug/l #	66
6) Chloroethane	1.71	64	1131	0.404	ug/l #	64
10) Methyl Iodide	2.61	142	289	4.967	ug/l	89
11) Tert butyl alcohol	3.01	59	8681	8.469	ug/l #	76
13) Acrolein	2.33	56	19233	29.634	ug/l #	1
16) Acetone	2.42	43	463163	205.580	ug/l	100
17) Carbon Disulfide	2.56	76	10768	0.894	ug/l #	91
20) Methylene Chloride	2.84	84	1129	0.227	ug/l #	68
22) Diisopropyl ether	3.93	45	64939	4.421	ug/l #	1
23) Vinyl Acetate	3.93	43	159910	12.285	ug/l #	73
25) 2-Butanone	4.65	43	40089	11.426	ug/l	100
36) 1,1-Dichloropropene	5.64	75	33045	6.306	ug/l #	53
37) Ethyl Acetate	4.65	43	40089	7.164	ug/l #	70
38) Carbon Tetrachloride	5.64	117	41954	7.229	ug/l #	19
39) Methylcyclohexane	7.44	83	2312	0.393	ug/l	88
40) Benzene	6.12	78	25787	1.717	ug/l	98
43) Isopropyl Acetate	6.18	43	103928	11.192	ug/l #	61
44) Trichloroethene	7.20	130	1303	0.300	ug/l	67
49) 1,4-Dioxane	7.74	88	761	10.190	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	7426	1.343	ug/l	98
52) Toluene	8.77	92	24983	2.644	ug/l	98
59) 2-Hexanone	9.48	43	5999	1.426	ug/l	97
64) Tetrachloroethene	9.31	164	648	0.222	ug/l #	56
67) Ethyl Benzene	10.24	91	14017	1.059	ug/l	92
68) m/p-Xylenes	10.34	106	27426	5.476	ug/l	99
69) o-Xylene	10.68	106	14981	3.159	ug/l	95
70) Styrene	10.70	104	4321	0.528	ug/l #	42
73) Isopropylbenzene	11.01	105	4674	0.506	ug/l	91
74) N-amyl acetate	10.89	43	2086	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	76138	26.228	ug/l #	37
78) n-propylbenzene	11.35	91	8953	0.829	ug/l	97
79) 2-Chlorotoluene	11.49	91	4420	0.676	ug/l	74
80) 1,3,5-Trimethylbenzene	11.49	105	20994	2.660	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	76138	67.210	ug/l #	13

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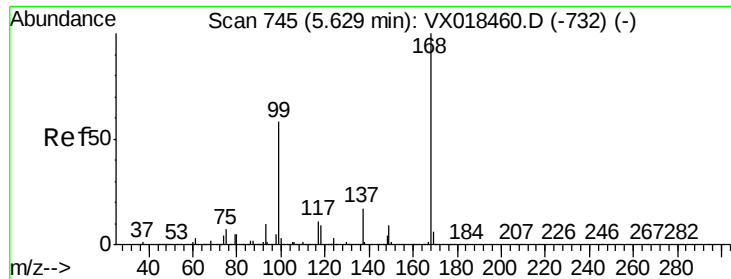
Instrument :
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 ClientSampleId :
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Quant Time: Sep 28 01:53:58 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

82) 4-Chlorotoluene	11.49	91	4420	0.569	ug/l	78
83) tert-Butylbenzene	12.01	119	5270	0.688	ug/l	67
84) 1,2,4-Trimethylbenzene	11.79	105	46342	5.831	ug/l	98
85) sec-Butylbenzene	11.93	105	5380	0.595	ug/l	88
86) p-Isopropyltoluene	12.01	119	5270	0.634	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	1118	0.244	ug/l #	36
88) 1,4-Dichlorobenzene	12.08	146	1346	0.290	ug/l #	1
89) n-Butylbenzene	12.37	91	11812	1.536	ug/l #	47
90) Hexachloroethane	12.57	117	1740	1.049	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.01	75	580	0.782	ug/l #	20
93) 1,2,4-Trichlorobenzene	13.63	180	1553	0.521	ug/l #	1
94) Hexachlorobutadiene	13.77	225	2033	1.625	ug/l	92
95) Naphthalene	13.82	128	221372	24.579	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1372	0.481	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 747

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

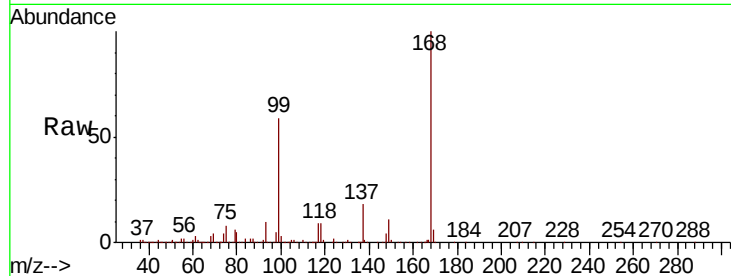
SEAL-POT

Tot Ion:168 Resp: 416430

Ion Ratio Lower Upper

168 100

99 59.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

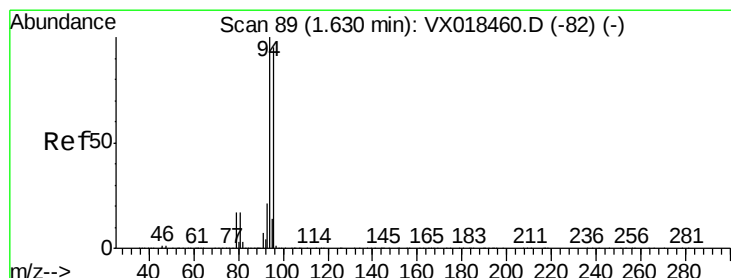
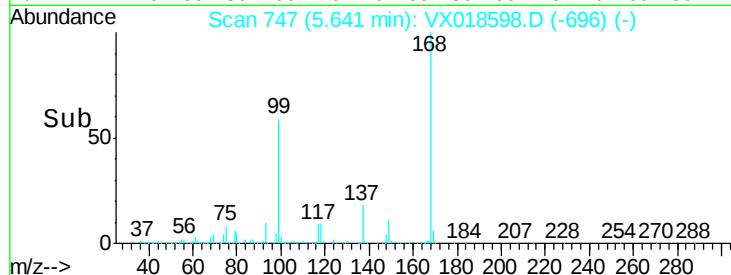
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.286 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX018598.D

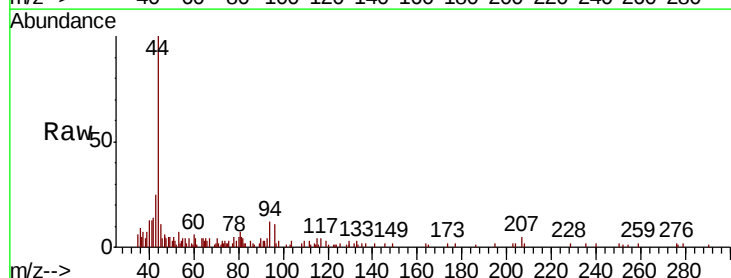
Acq: 25 Sep 2020 16:17

Tgt Ion: 94 Resp: 858

Ion Ratio Lower Upper

94 100

96 61.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

400

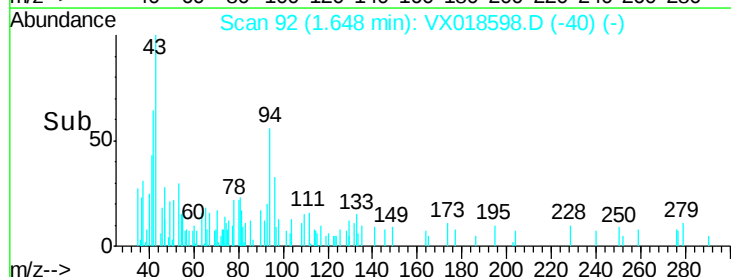
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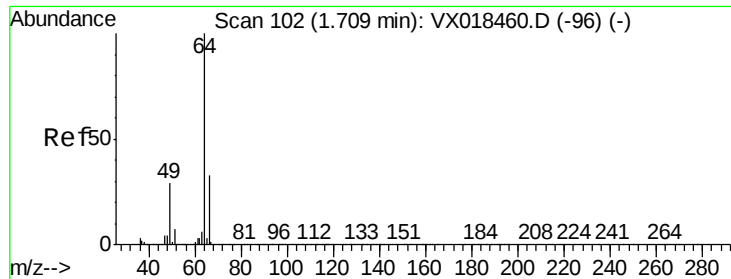
0

1.65

1.70

Time-->





#6

Chloroethane

Concen: 0.404 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

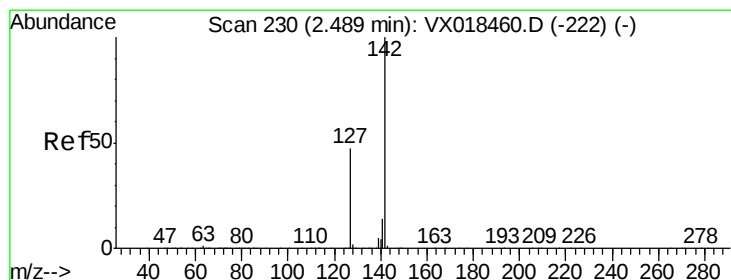
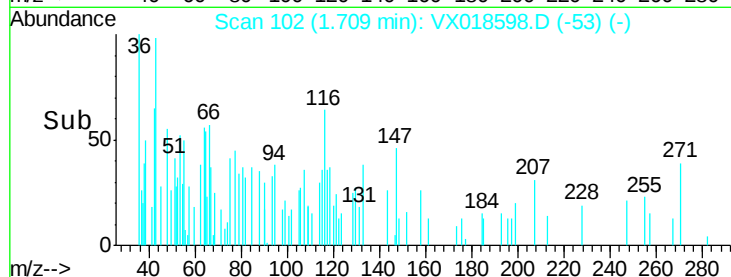
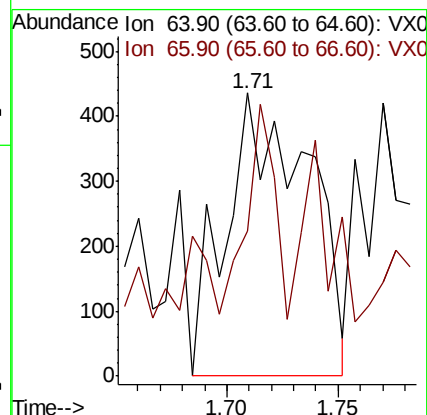
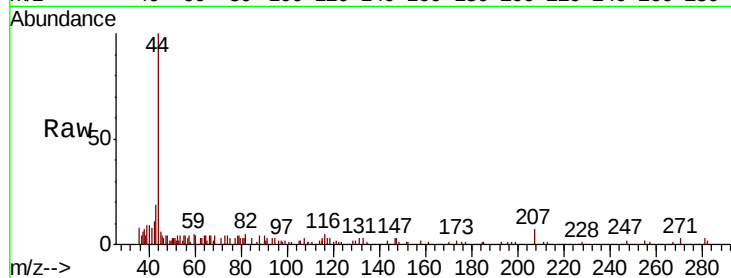
SEAL-POT

Tot Ion: 64 Resp: 1131

Ion Ratio Lower Upper

64 100

66 53.0 26.2 39.4#



#10

Methyl Iodide

Concen: 4.967 ug/l

RT: 2.61 min Scan# 249

Delta R.T. 0.12 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

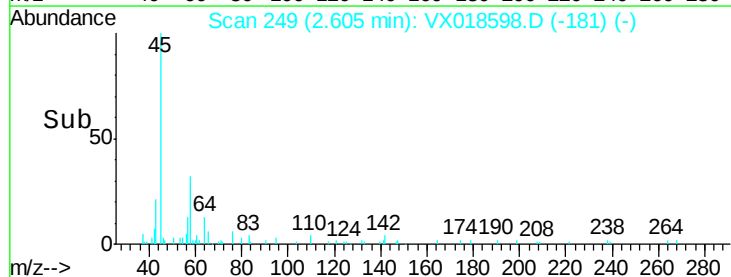
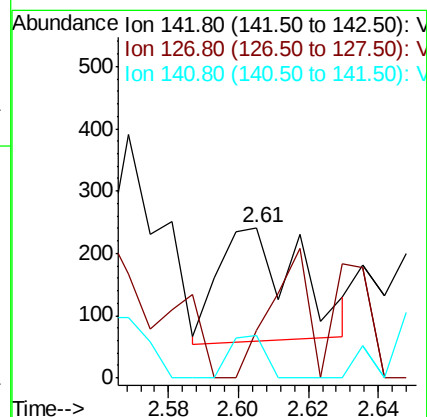
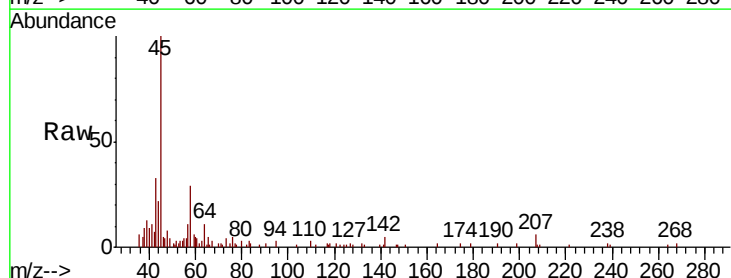
Tgt Ion: 142 Resp: 289

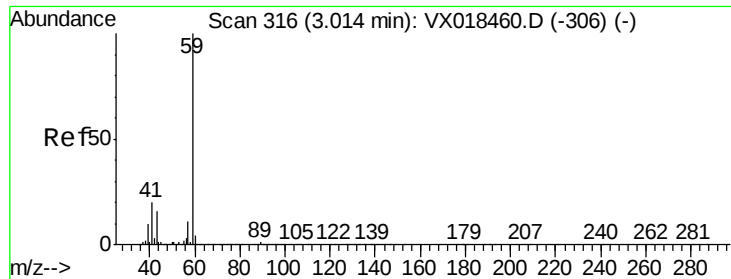
Ion Ratio Lower Upper

142 100

127 53.3 36.0 54.0

141 17.0 11.9 17.9

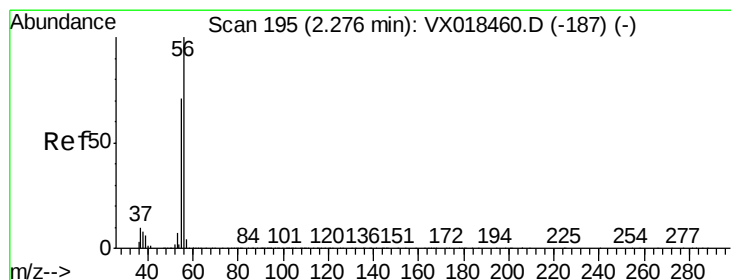
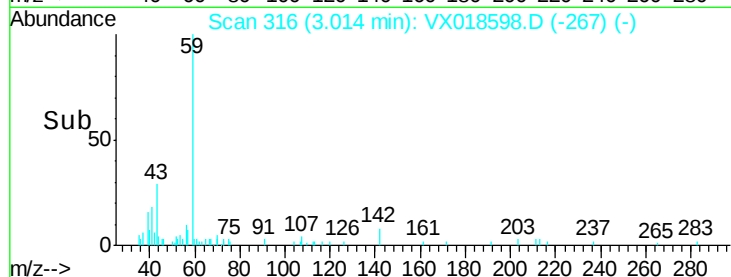
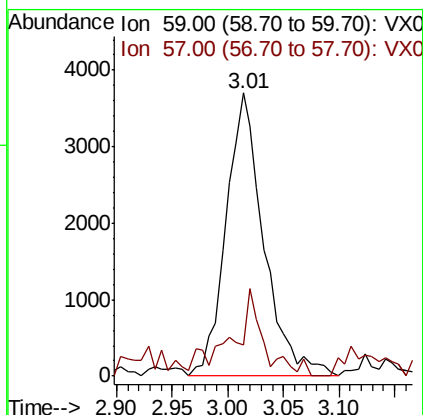
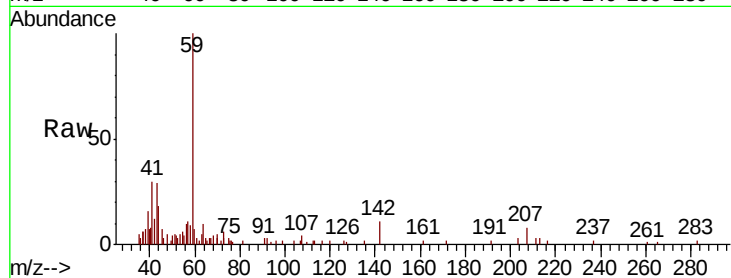




#11
Tert butyl alcohol
Concen: 8.469 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

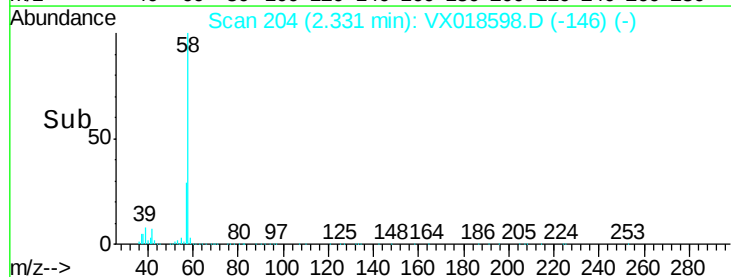
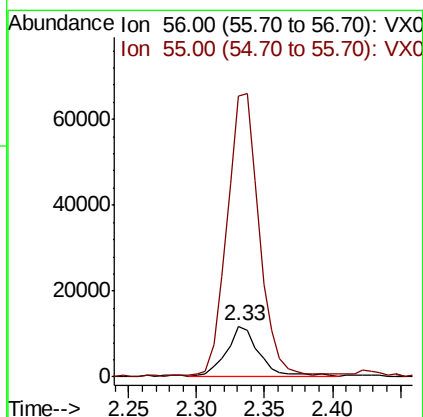
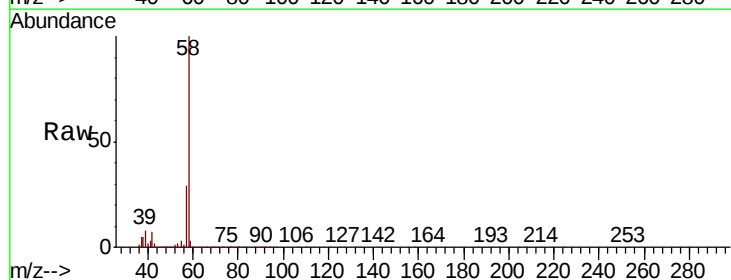
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

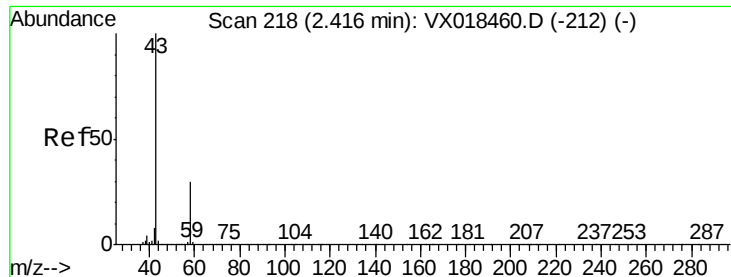
Tot Ion: 59 Resp: 8681
Ion Ratio Lower Upper
59 100
57 19.4 8.2 12.4#



#13
Acrolein
Concen: 29.634 ug/l
RT: 2.33 min Scan# 204
Delta R.T. 0.05 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion: 56 Resp: 19233
Ion Ratio Lower Upper
56 100
55 560.2 58.2 87.4#

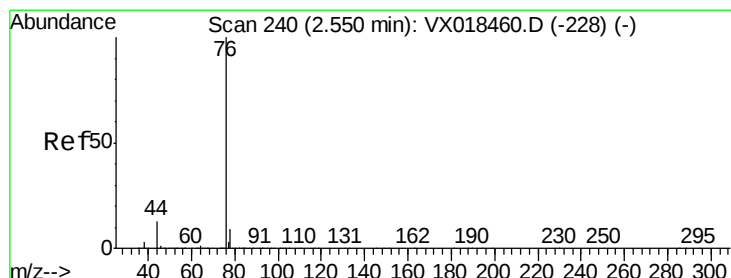
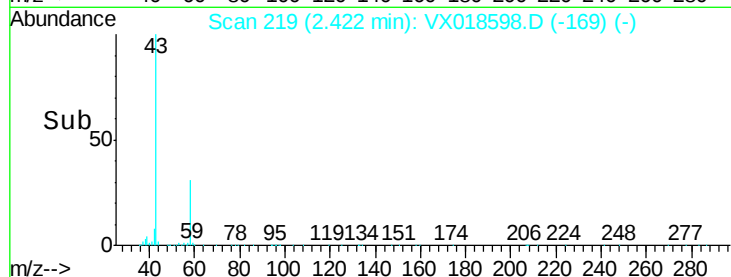
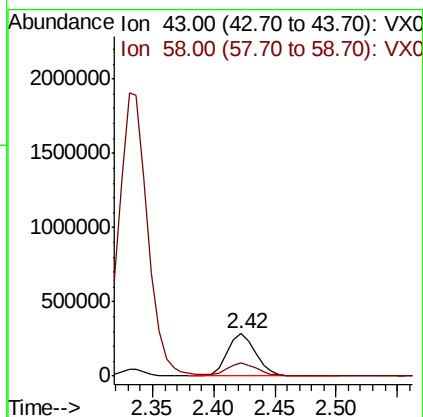
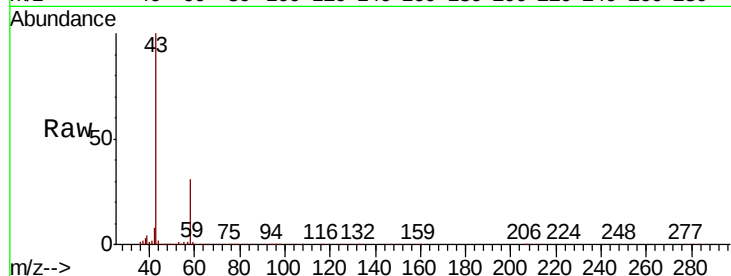




#16
Acetone
Concen: 205.580 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

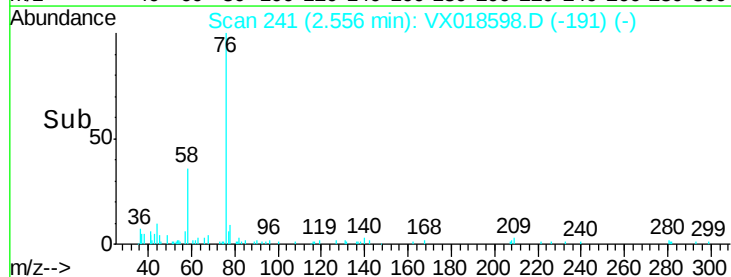
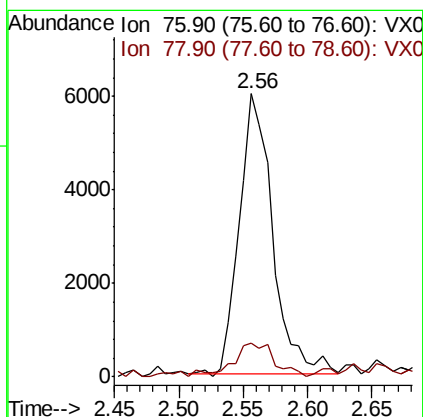
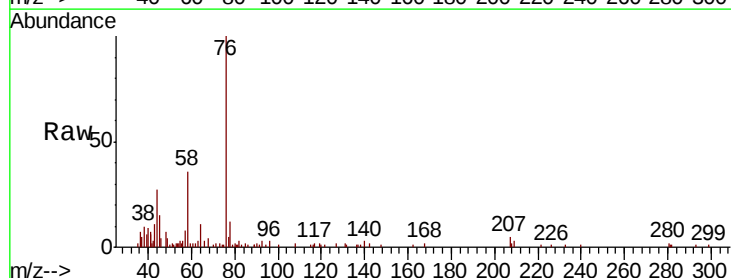
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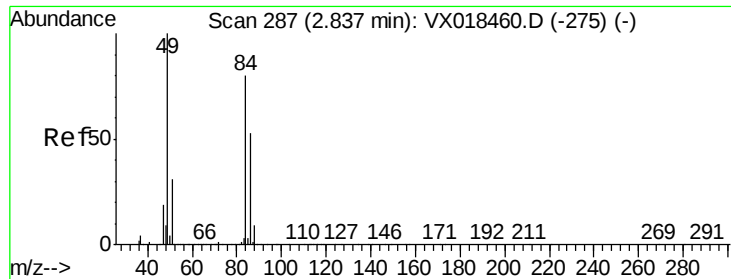
Tot Ion: 43 Resp: 463163
Ion Ratio Lower Upper
43 100
58 29.8 24.0 36.0



#17
Carbon Disulfide
Concen: 0.894 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion: 76 Resp: 10768
Ion Ratio Lower Upper
76 100
78 12.1 7.0 10.4#

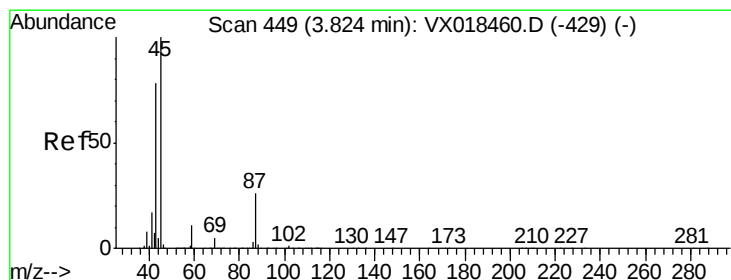
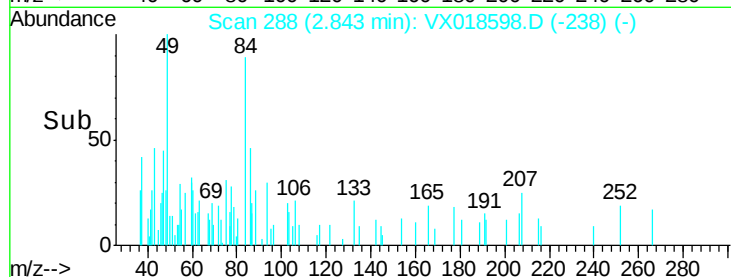
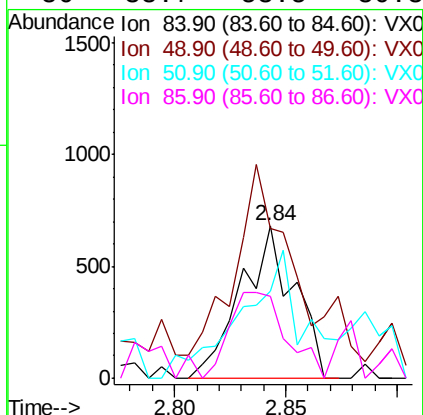
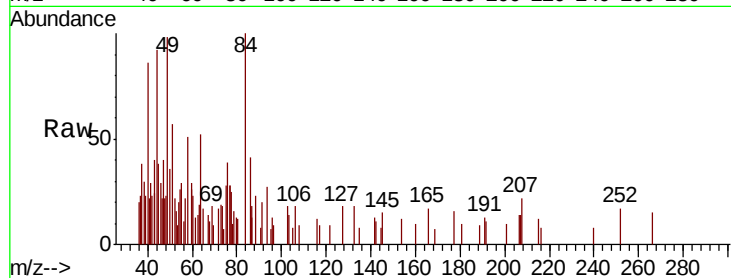




#20
Methvlene Chloride
Concen: 0.227 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

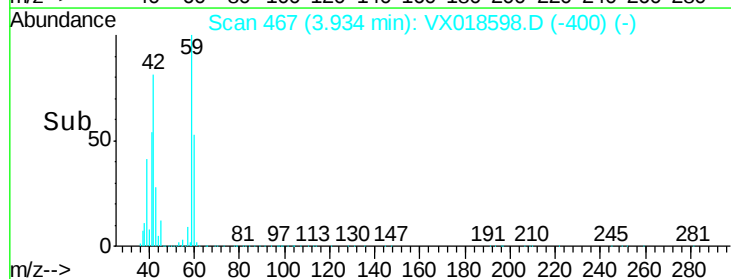
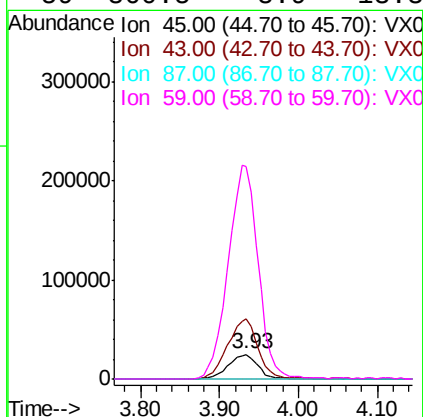
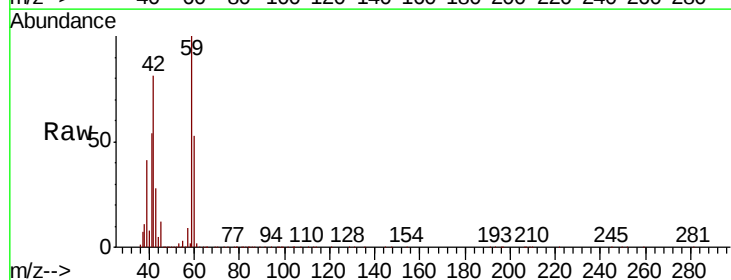
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ClientSampled :
SEAL-POT

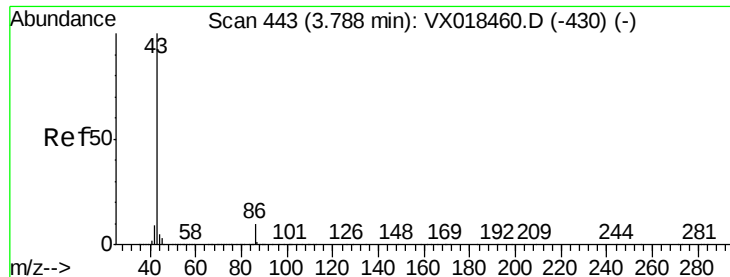
Tot Ion:	84	Resp:	1129
Ion	Ratio	Lower	Upper
84	100		
49	83.6	100.6	151.0#
51	45.4	30.9	46.3
86	38.7	53.5	80.3#



#22
Diisopropyl ether
Concen: 4.421 ug/l
RT: 3.93 min Scan# 467
Delta R.T. 0.11 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion:	45	Resp:	64939
Ion	Ratio	Lower	Upper
45	100		
43	241.6	62.4	93.6#
87	0.0	21.2	31.8#
59	860.5	8.9	13.3#





#23

Vinyl Acetate

Concen: 12.285 ug/l

RT: 3.93 min Scan# 467

Delta R.T. 0.15 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

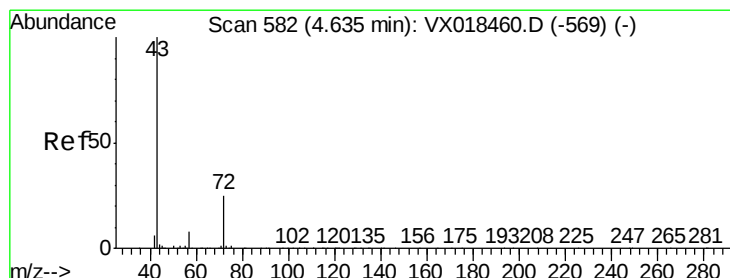
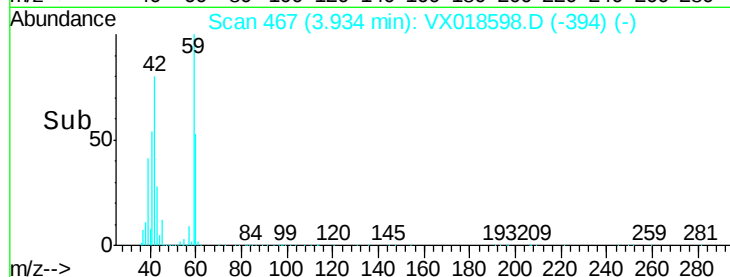
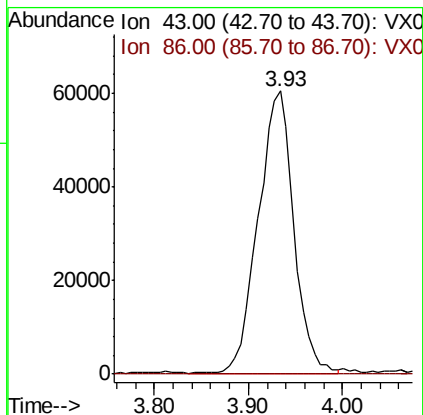
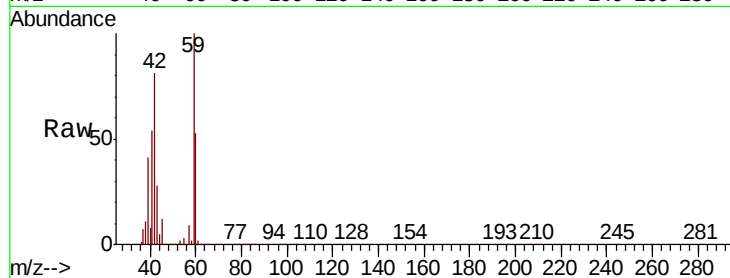
SEAL-POT

Tot Ion: 43 Resp: 159910

Ion Ratio Lower Upper

43 100

86 0.1 8.1 12.1#



#25

2-Butanone

Concen: 11.426 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX018598.D

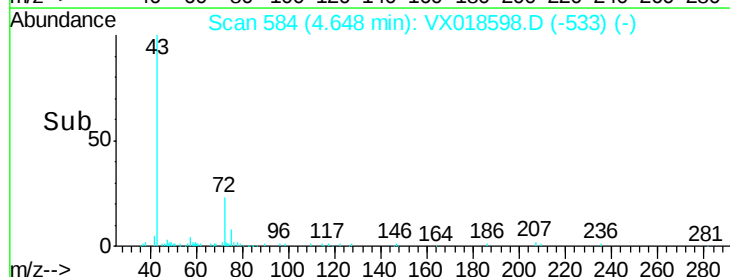
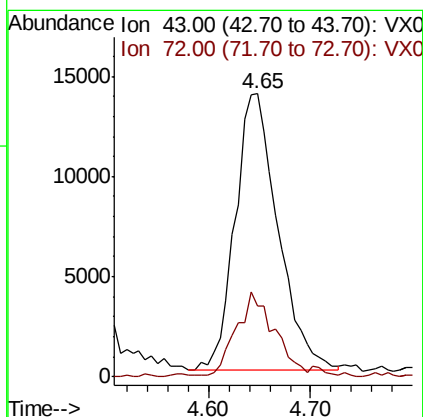
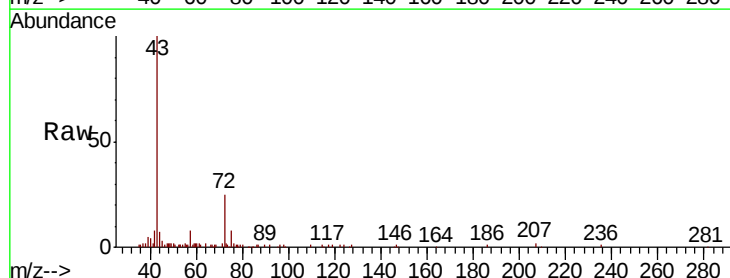
Acq: 25 Sep 2020 16:17

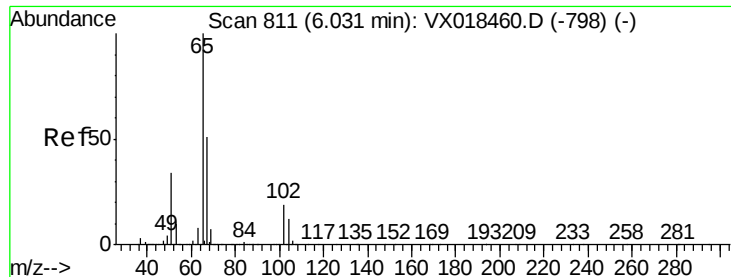
Tgt Ion: 43 Resp: 40089

Ion Ratio Lower Upper

43 100

72 25.1 20.2 30.4

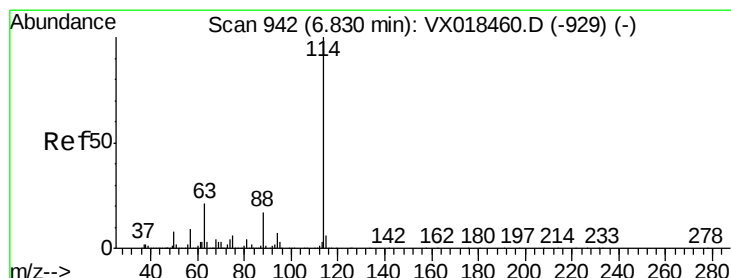
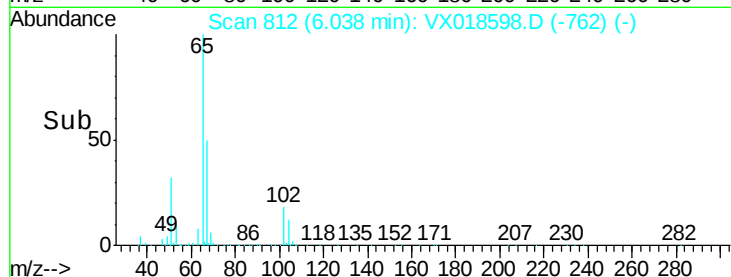
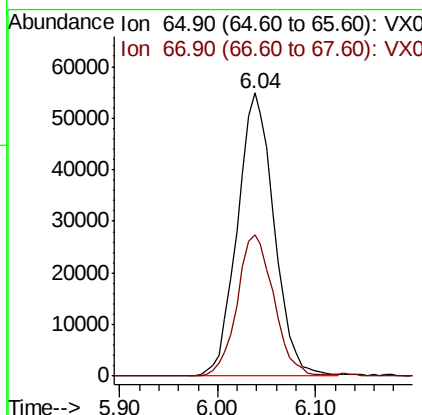
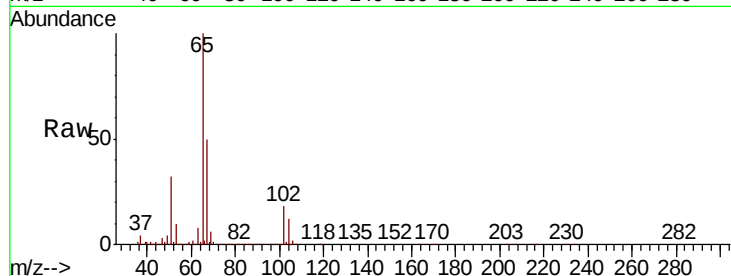




#33
 1,2-Dichloroethane-d4
 Concen: 24.232 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

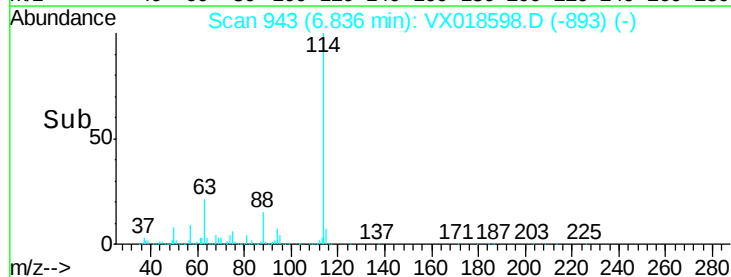
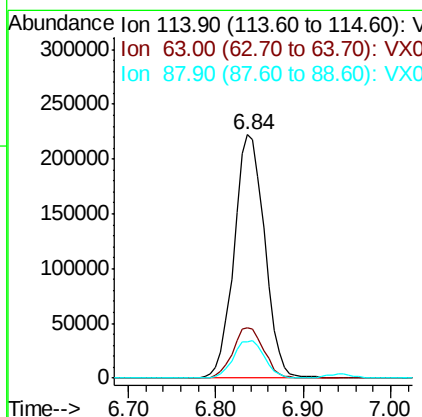
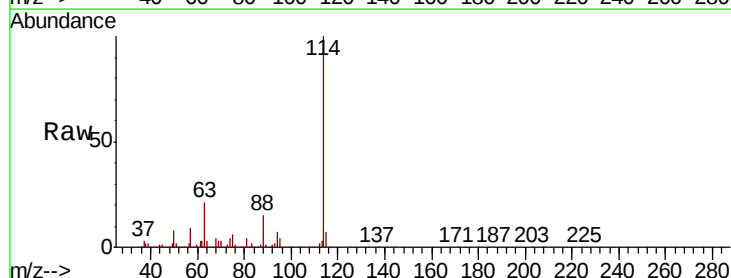
Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

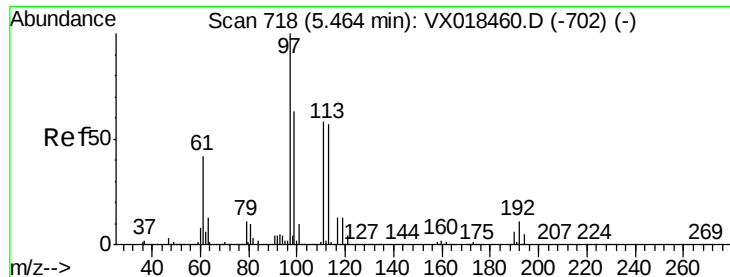
Tot Ion: 65 Resp: 142751
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

Tgt Ion: 114 Resp: 539910
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 15.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 39.926 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

SEAL-POT

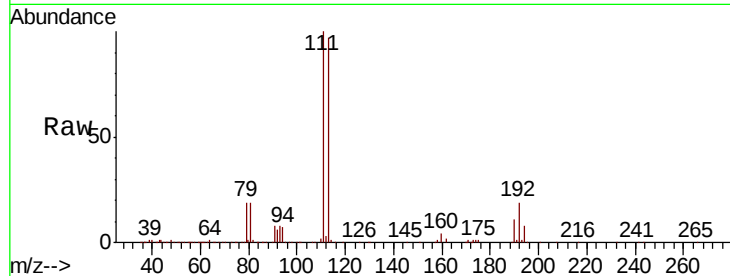
Tot Ion:113 Resp: 149023

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.2

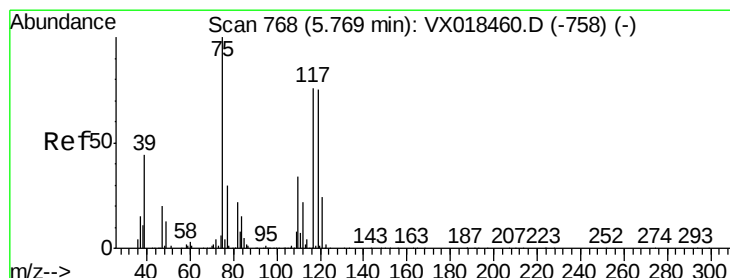
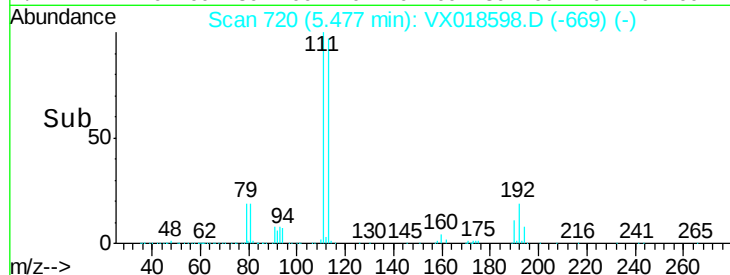
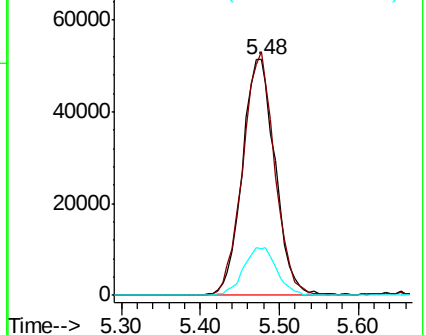
192 20.6 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 6.306 ug/l

RT: 5.64 min Scan# 747

Delta R.T. -0.13 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

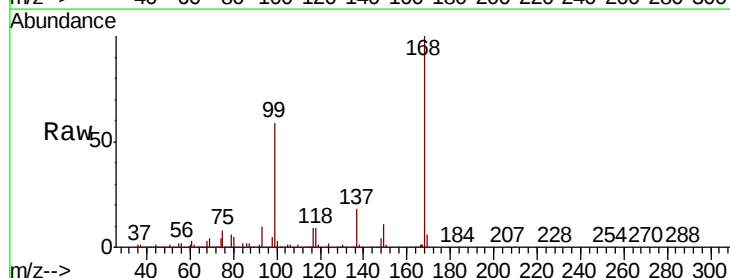
Tgt Ion: 75 Resp: 33045

Ion Ratio Lower Upper

75 100

110 12.1 17.6 52.8#

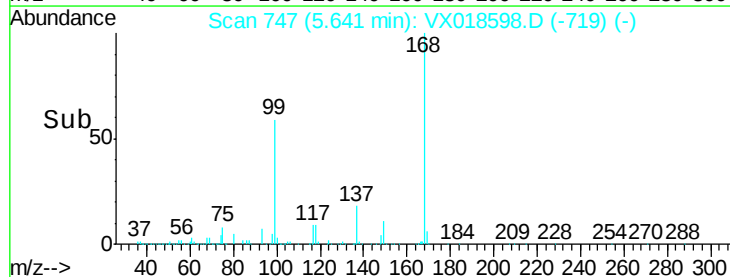
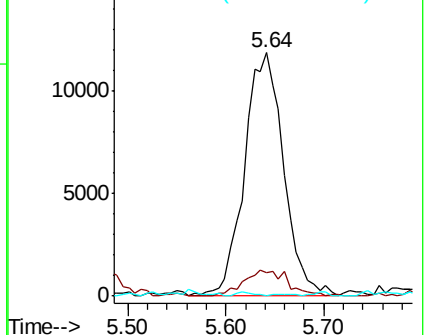
77 0.4 25.0 37.6#

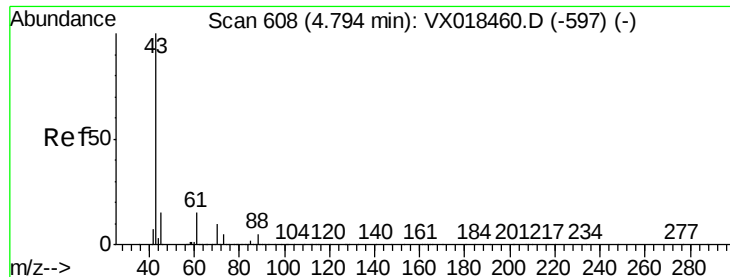


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

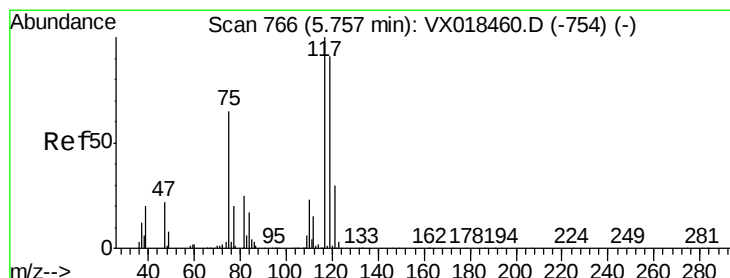
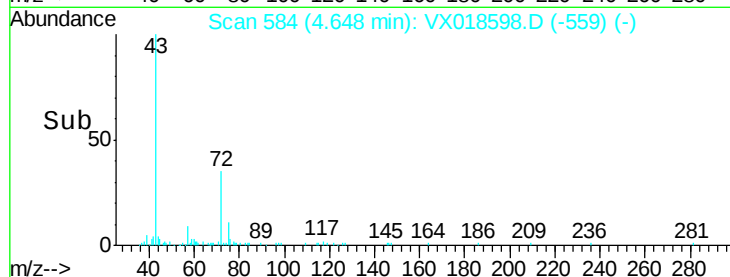
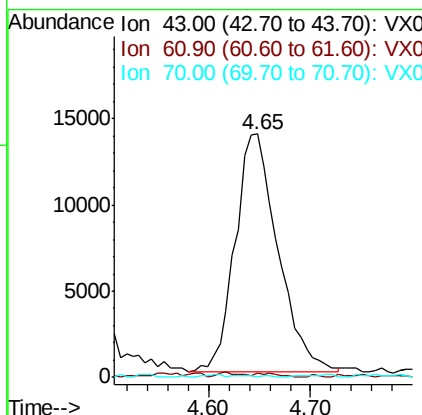
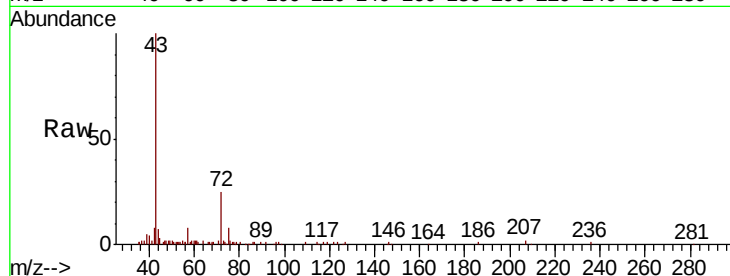




#37
Ethyl Acetate
Concen: 7.164 ug/l
RT: 4.65 min Scan# 584
Delta R.T. -0.15 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

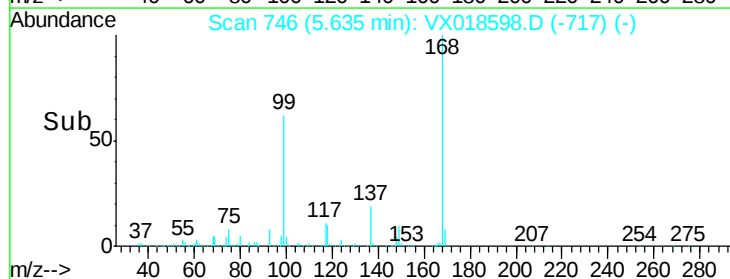
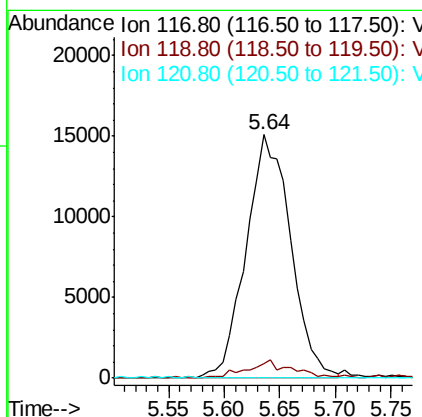
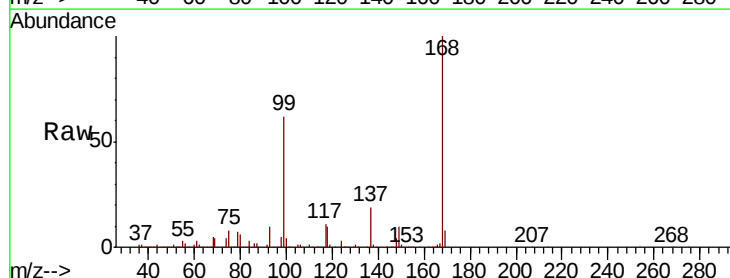
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

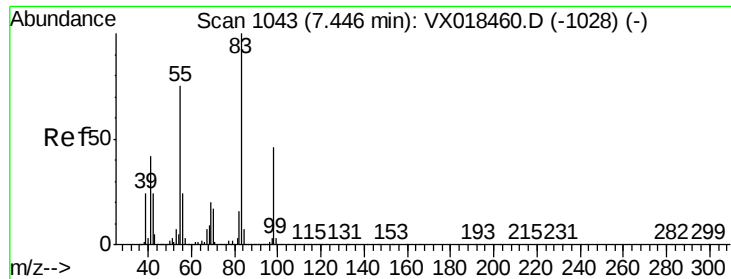
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.9	10.9	16.3#
70	0.2	8.3	12.5#



#38
Carbon Tetrachloride
Concen: 7.229 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	72.3	108.5#
121	0.3	23.8	35.8#

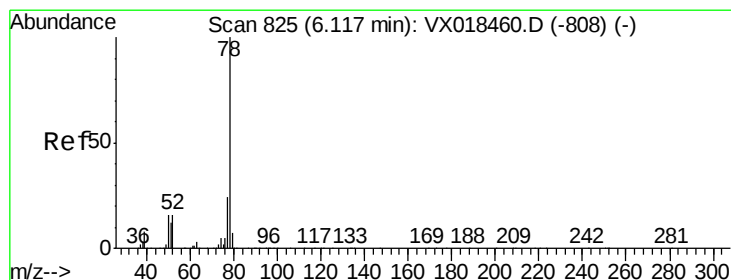
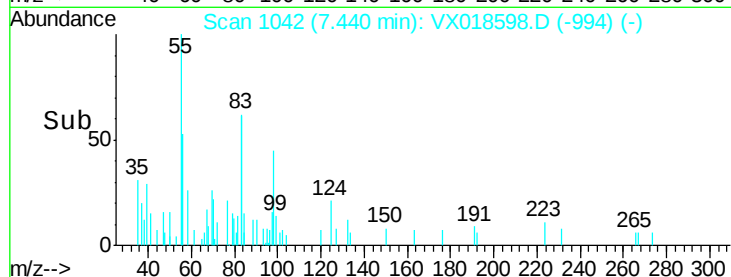
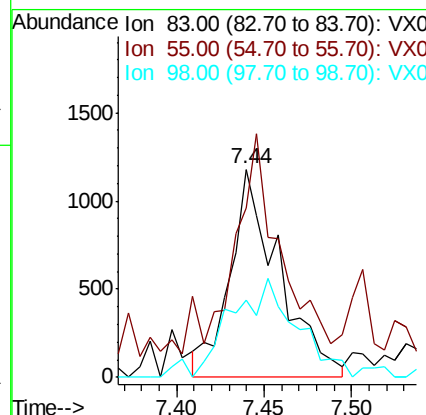
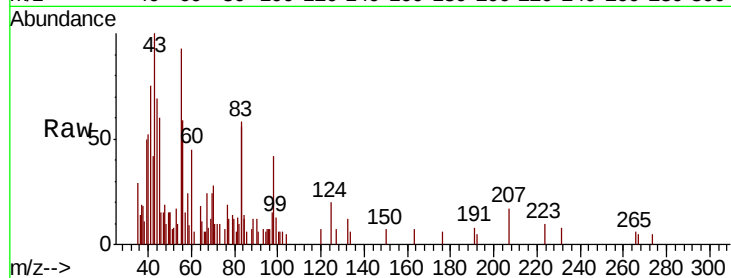




#39
Methvlcvclohexane
Concen: 0.393 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

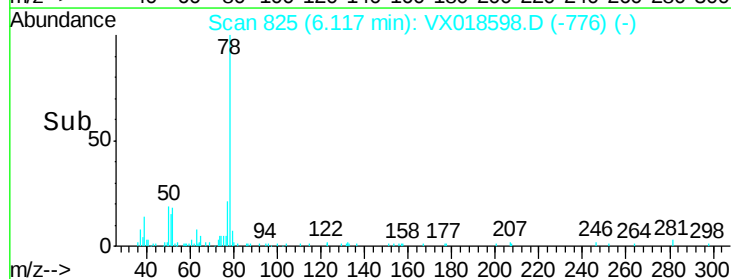
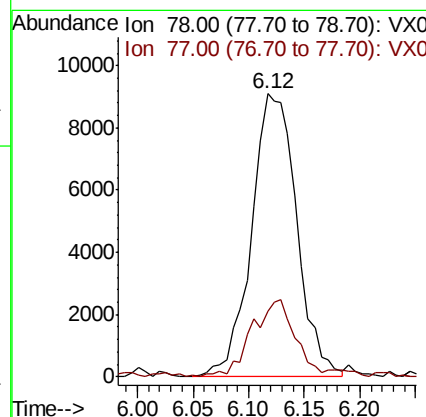
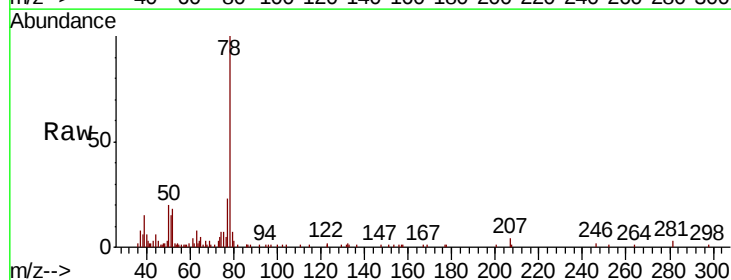
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

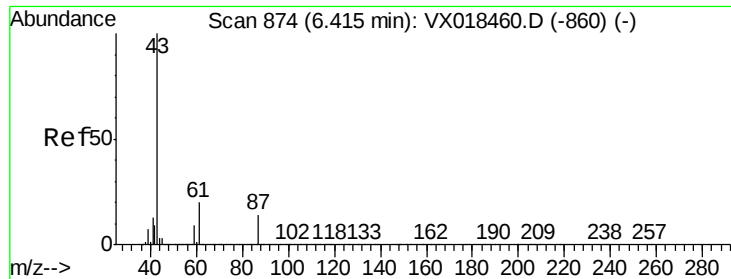
Tot Ion	Ratio	Lower	Upper
83	100		
55	64.3	60.2	90.4
98	39.0	36.4	54.6



#40
Benzene
Concen: 1.717 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4



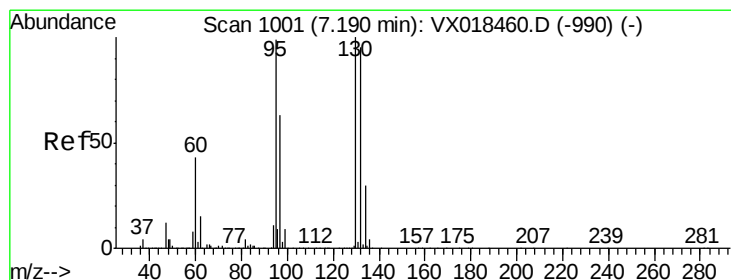
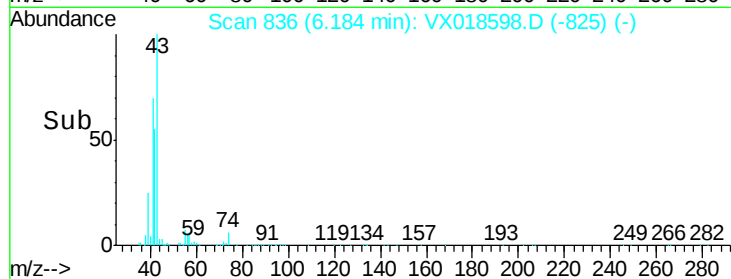
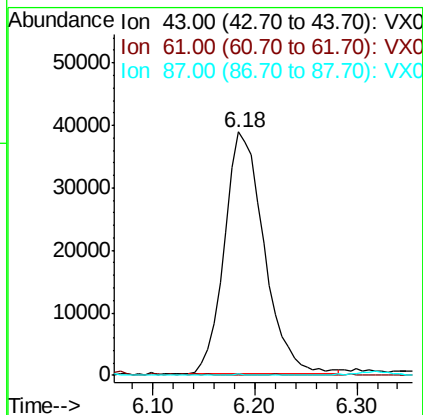
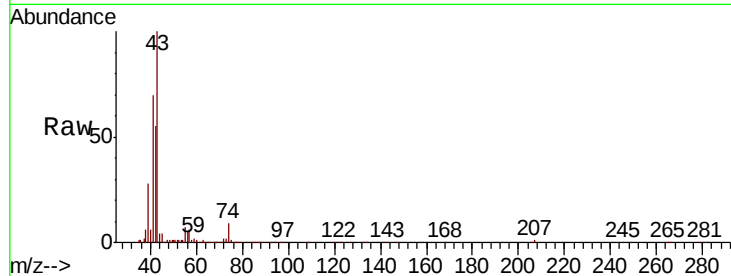


#43

Isopropyl Acetate
 Concen: 11.192 ug/l
 RT: 6.18 min Scan# 836
 Delta R.T. -0.23 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

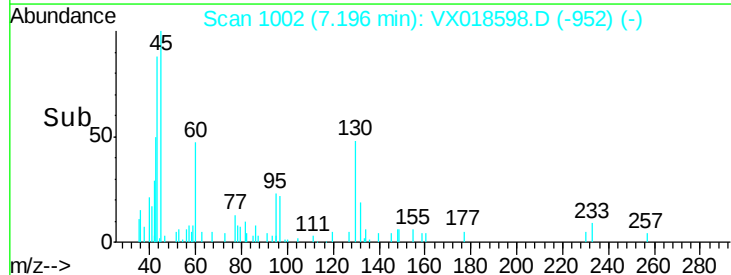
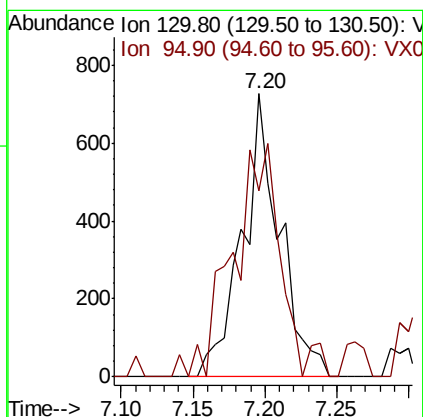
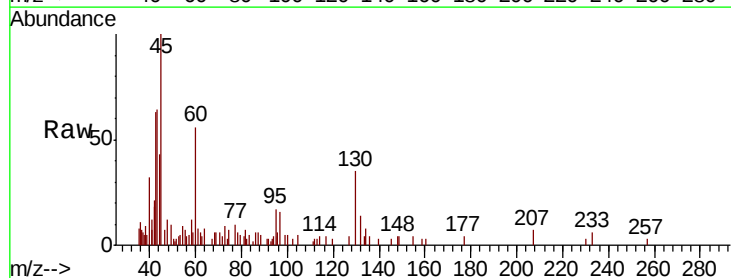
Tot Ion	43	Resp	103928
Ion Ratio	Lower	Upper	
43	100		
61	0.0	15.7	23.5#
87	0.1	10.4	15.6#

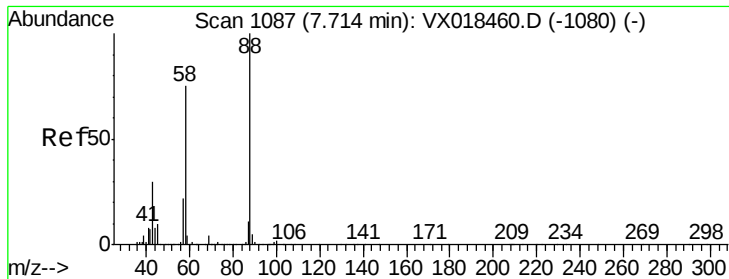


#44

Trichloroethene
 Concen: 0.300 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

Tgt Ion	130	Resp	1303
Ion Ratio	Lower	Upper	
130	100		
95	65.9	0.0	197.4

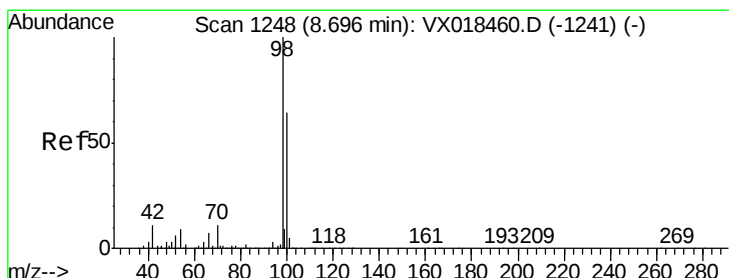
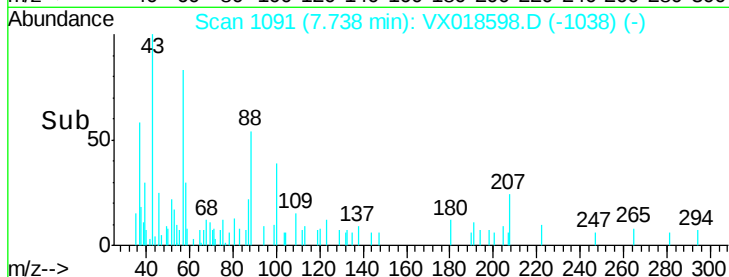
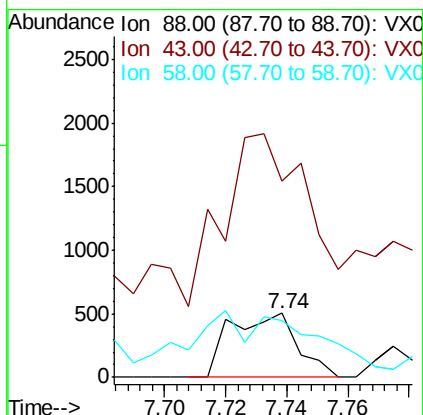
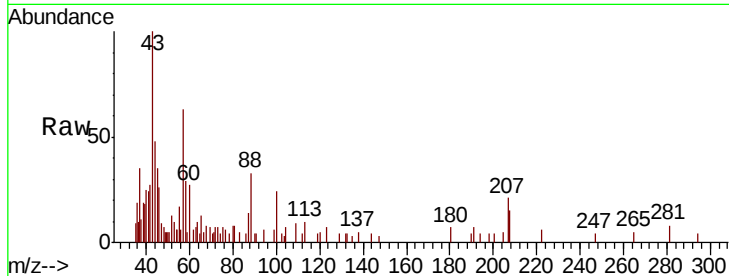




#49
1,4-Dioxane
Concen: 10.190 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.02 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

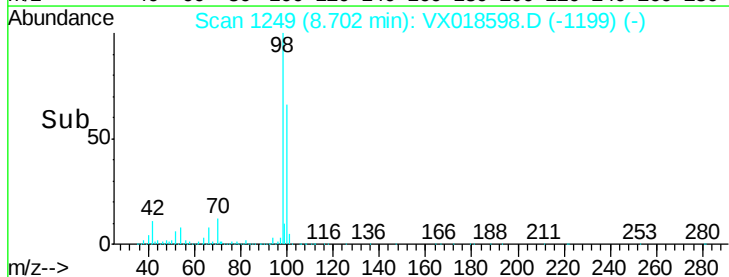
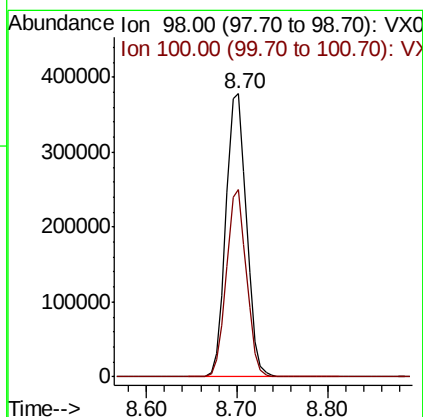
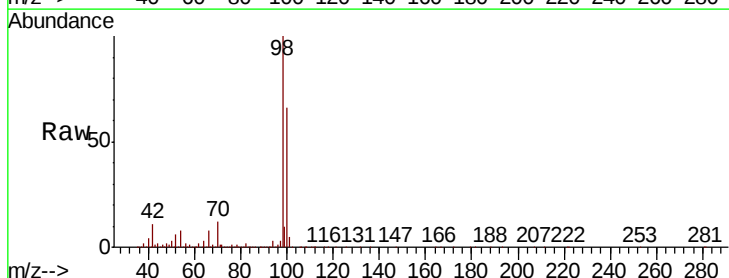
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

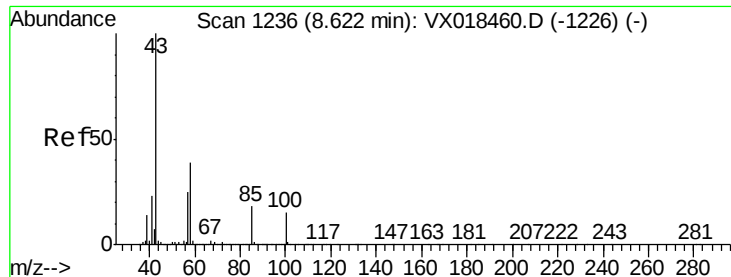
Tot Ion: 88 Resp: 761
Ion Ratio Lower Upper
88 100
43 312.9 29.9 44.9#
58 41.3 59.0 88.6#



#50
Toluene-d8
Concen: 44.050 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion: 98 Resp: 597382
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.343 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

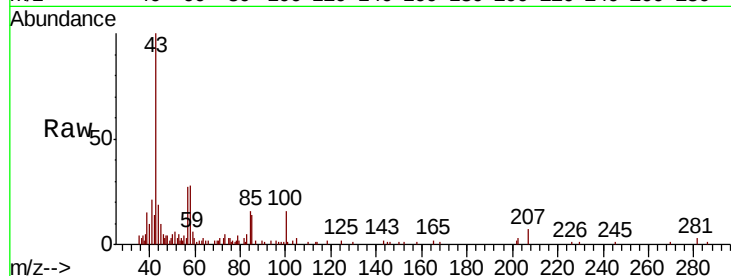
SEAL-POT

Tot Ion: 43 Resp: 7426

Ion Ratio Lower Upper

43 100

58 37.4 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

5000

4000

3000

2000

1000

0

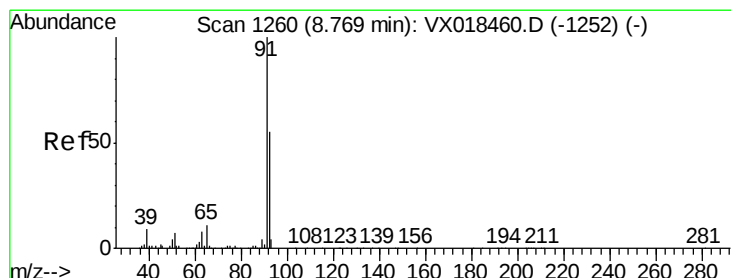
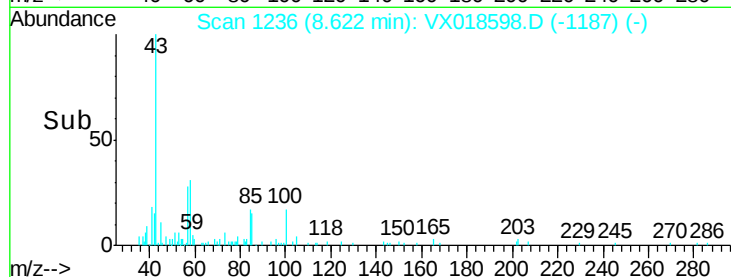
8.55

8.60

8.62

8.65

Time-->



#52

Toluene

Concen: 2.644 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018598.D

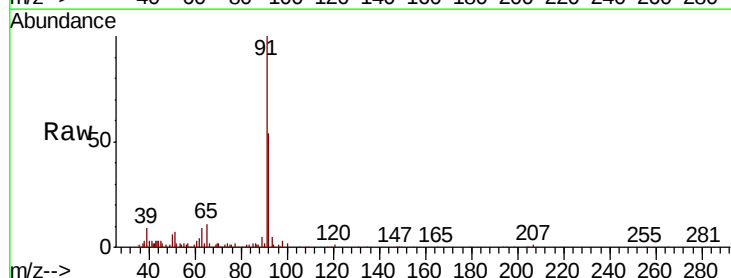
Acq: 25 Sep 2020 16:17

Tgt Ion: 92 Resp: 24983

Ion Ratio Lower Upper

92 100

91 172.6 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

30000

20000

10000

0

8.70

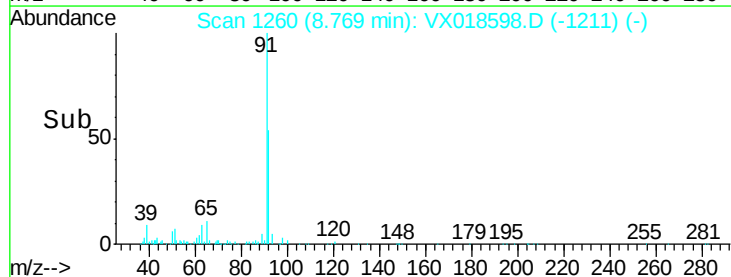
8.75

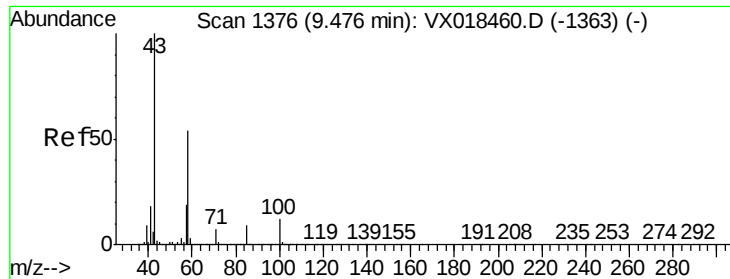
8.77

8.80

8.85

Time-->

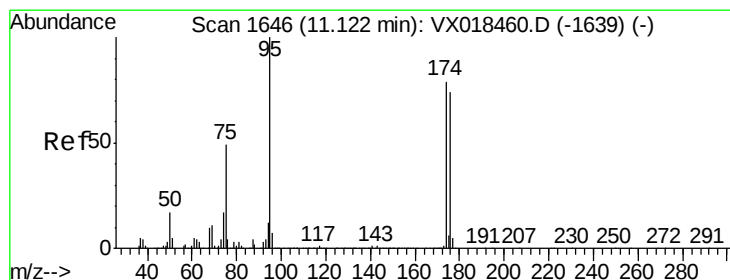
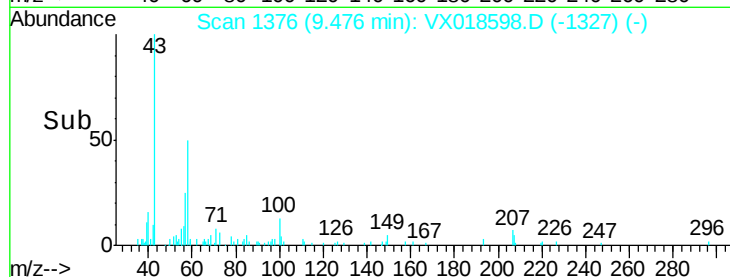
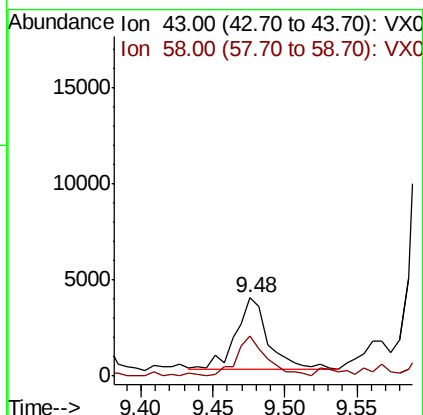
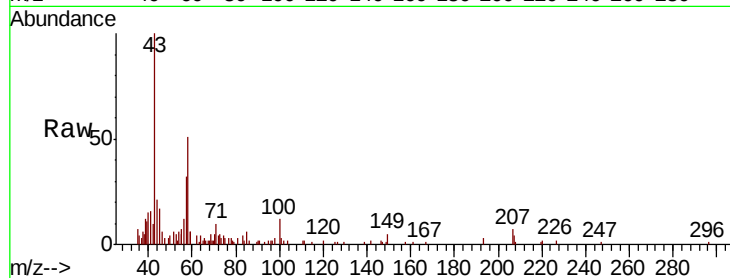




#59
2-Hexanone
Concen: 1.426 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

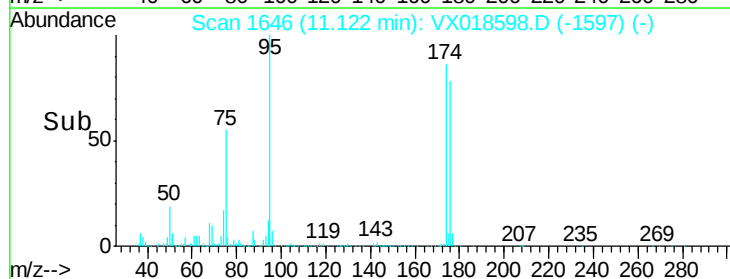
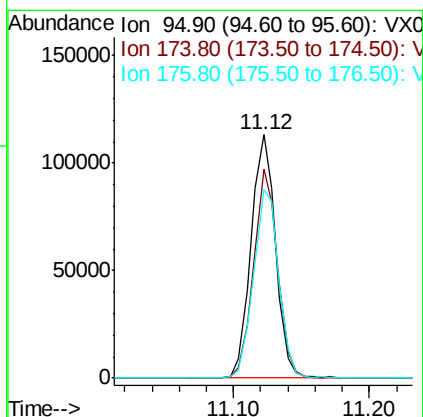
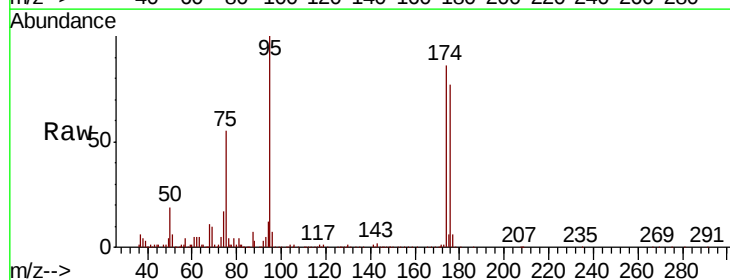
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

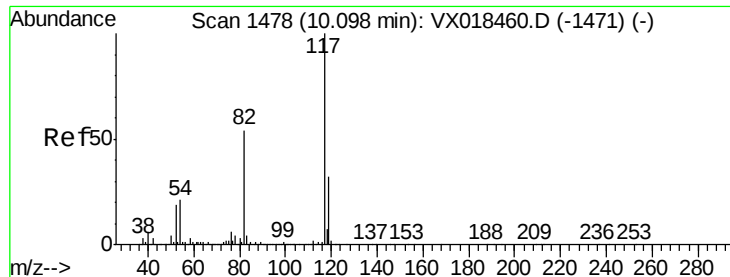
Tot Ion: 43 Resp: 5999
Ion Ratio Lower Upper
43 100
58 50.5 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 26.680 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion: 95 Resp: 143921
Ion Ratio Lower Upper
95 100
174 83.9 0.0 161.4
176 79.8 0.0 151.4

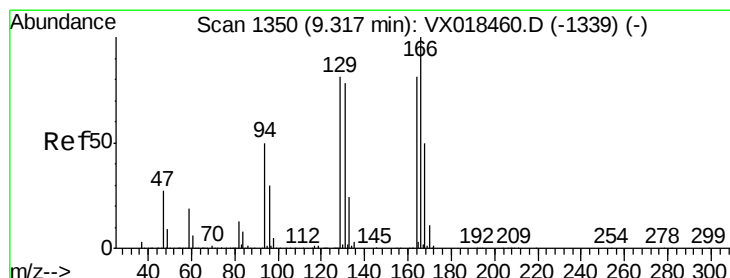
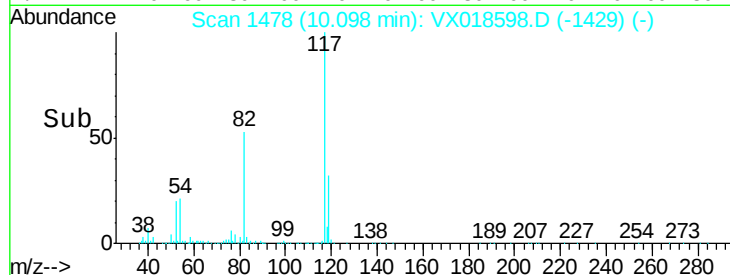
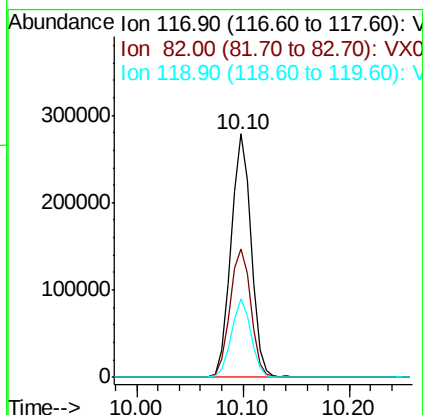
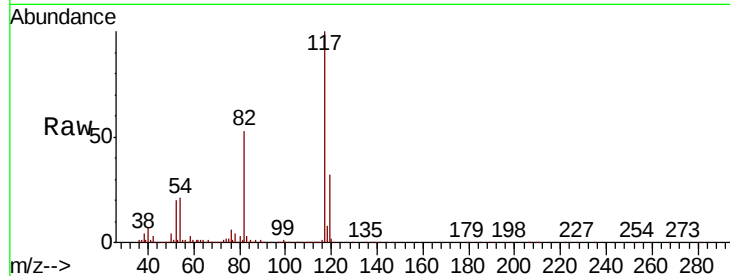




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

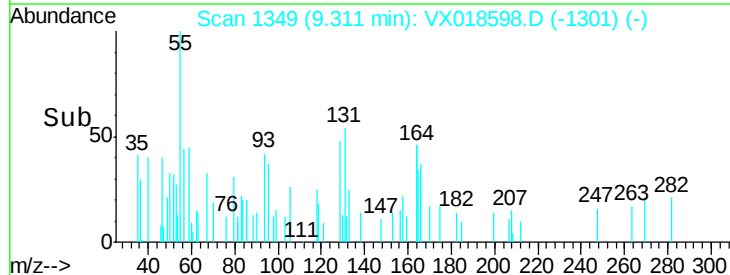
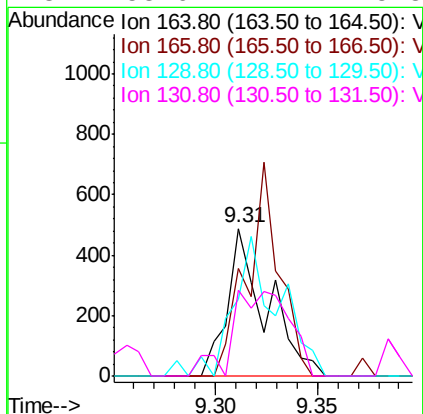
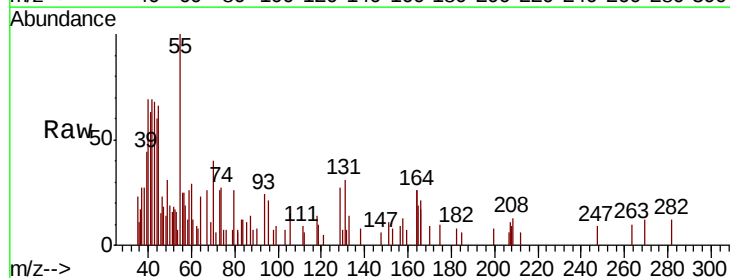
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

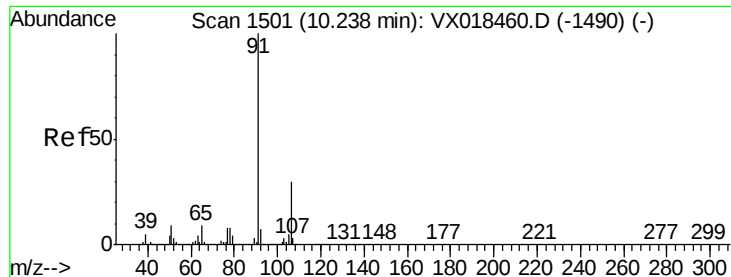
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.3	25.9	38.9



#64
Tetrachloroethene
Concen: 0.222 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	73.2	99.3	148.9#
129	52.0	80.7	121.1#
131	58.6	77.2	115.8#

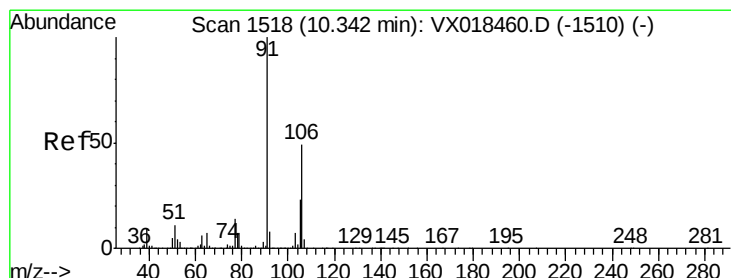
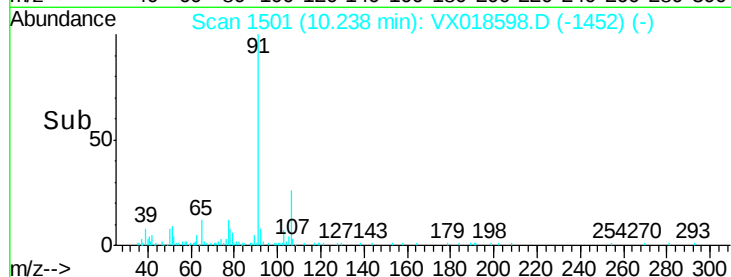
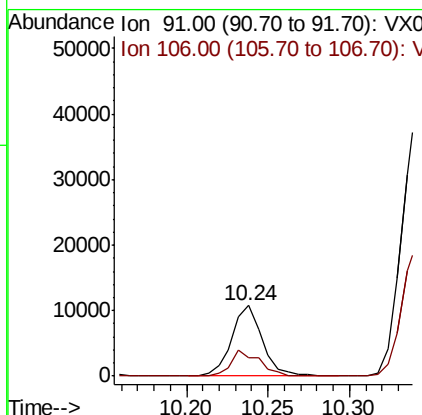
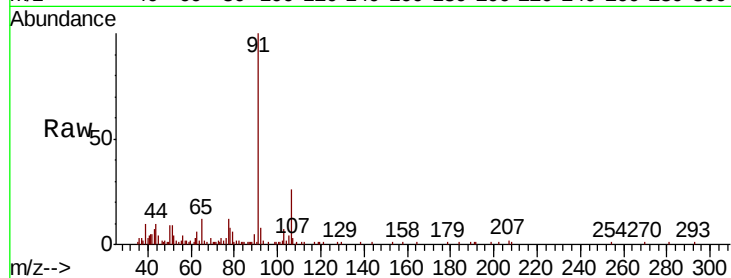




#67
Ethyl Benzene
Concen: 1.059 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

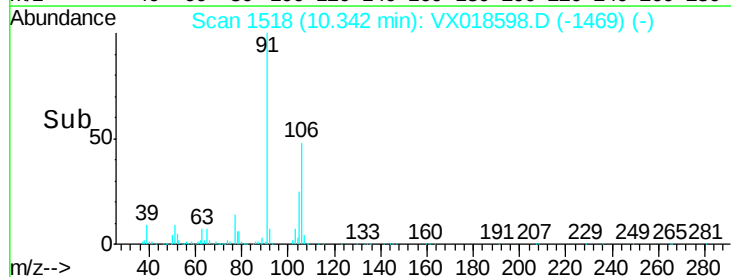
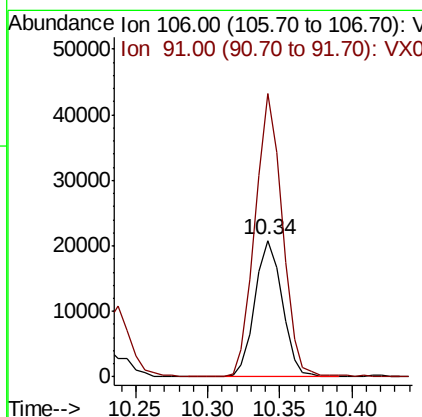
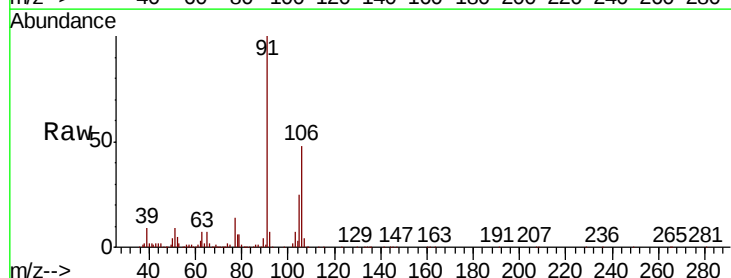
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

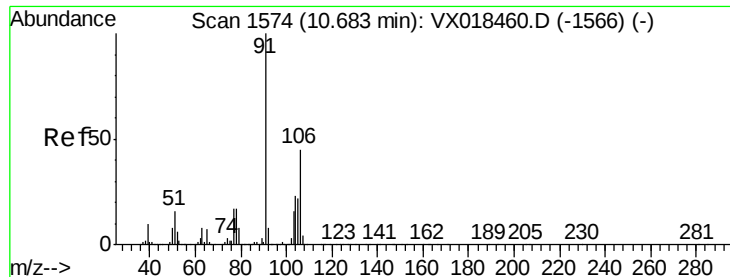
Tot Ion: 91 Resp: 14017
Ion Ratio Lower Upper
91 100
106 25.7 24.1 36.1



#68
m/p-Xylenes
Concen: 5.476 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion: 106 Resp: 27426
Ion Ratio Lower Upper
106 100
91 206.3 163.8 245.6

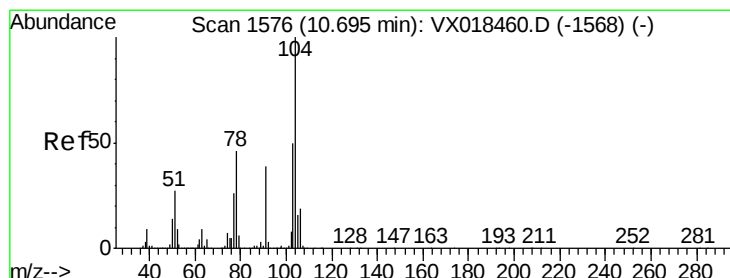
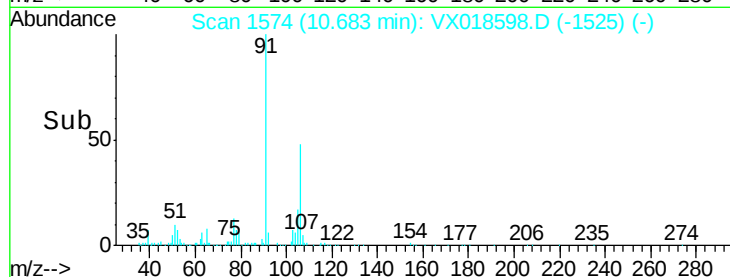
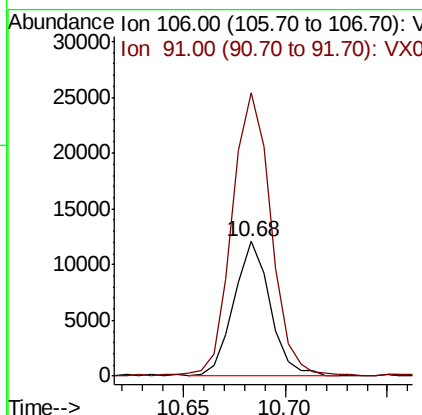
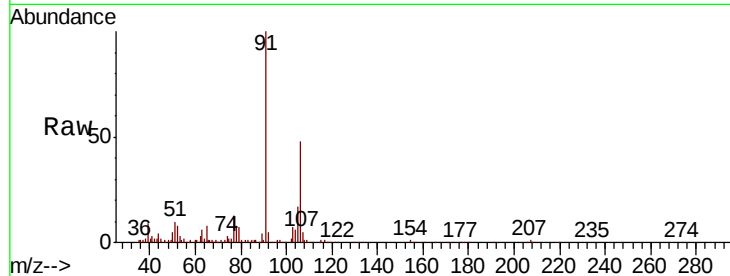




#69
o-Xylene
Concen: 3.159 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

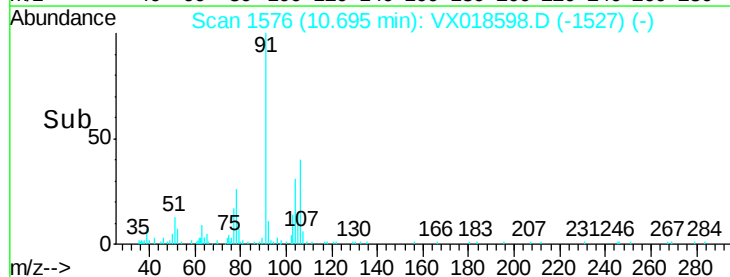
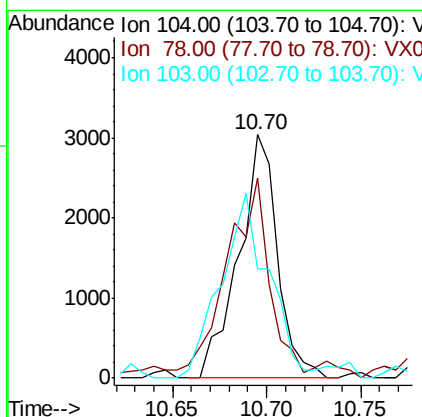
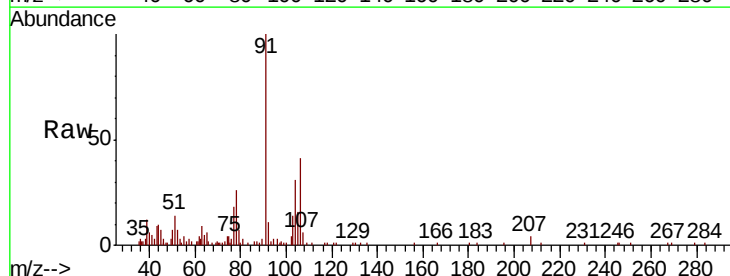
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

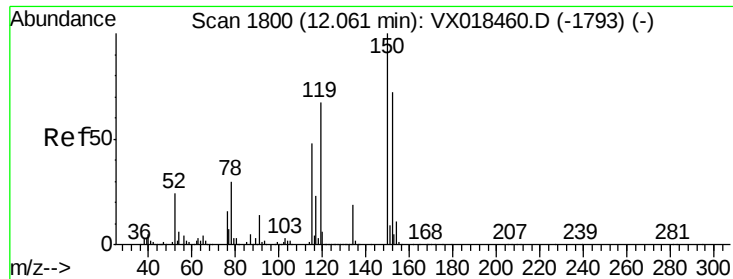
Tot Ion:106 Resp: 14981
Ion Ratio Lower Upper
106 100
91 227.2 109.7 329.0



#70
Styrene
Concen: 0.528 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion:104 Resp: 4321
Ion Ratio Lower Upper
104 100
78 92.7 40.5 60.7#
103 93.8 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

SEAL-POT

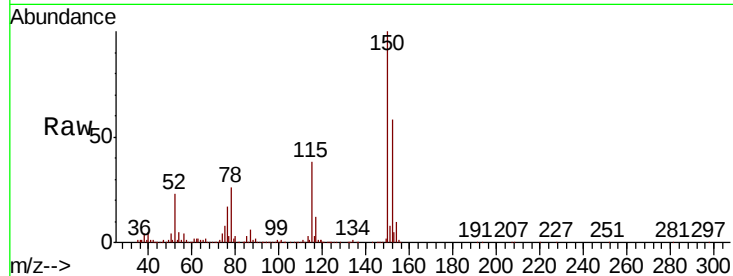
Tot Ion:152 Resp: 138138

Ion Ratio Lower Upper

152 100

115 61.3 41.8 125.4

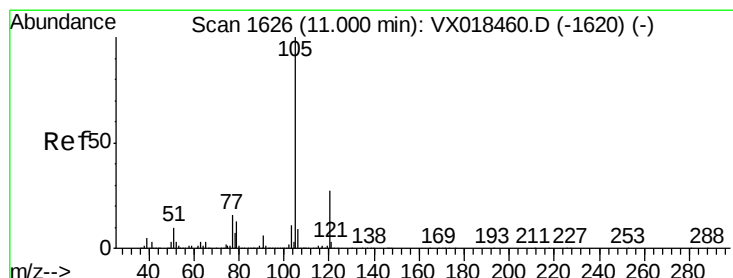
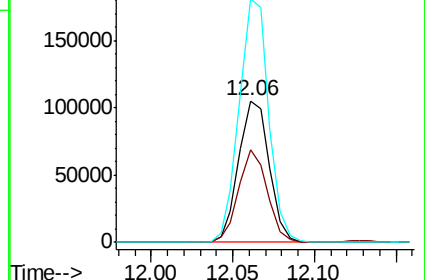
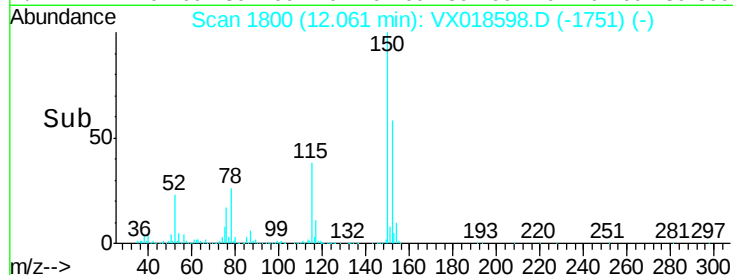
150 165.6 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.506 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018598.D

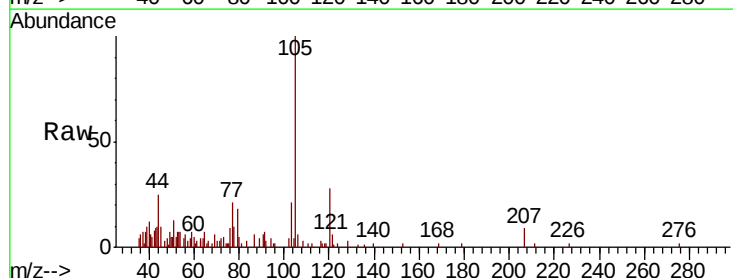
Acq: 25 Sep 2020 16:17

Tgt Ion:105 Resp: 4674

Ion Ratio Lower Upper

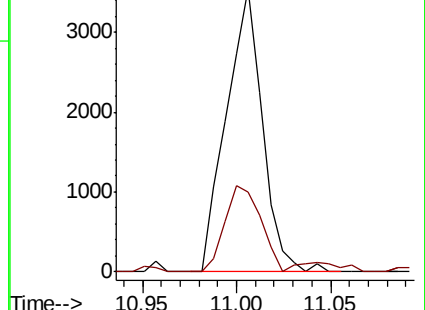
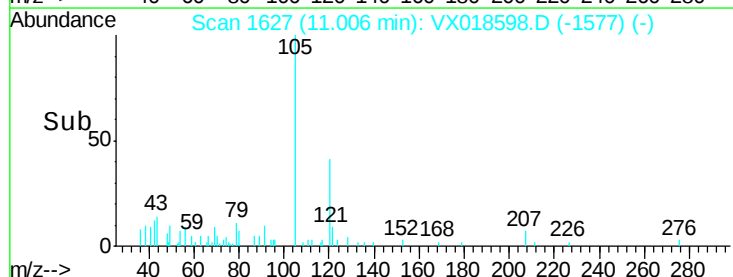
105 100

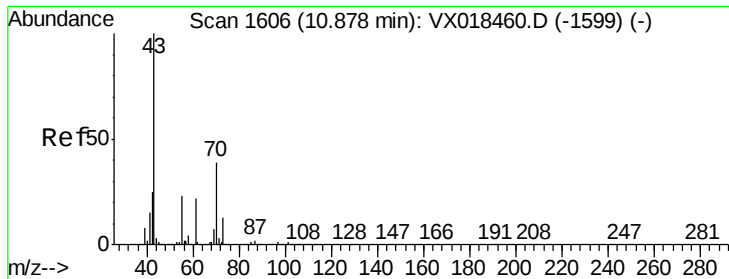
120 31.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.502 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

SEAL-POT

Tot Ion: 43 Resp: 2086

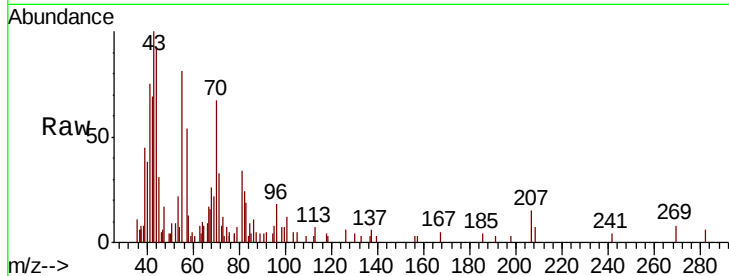
Ion Ratio Lower Upper

43 100

70 144.2 32.2 48.4#

55 128.5 18.8 28.2#

61 15.7 19.0 28.4#

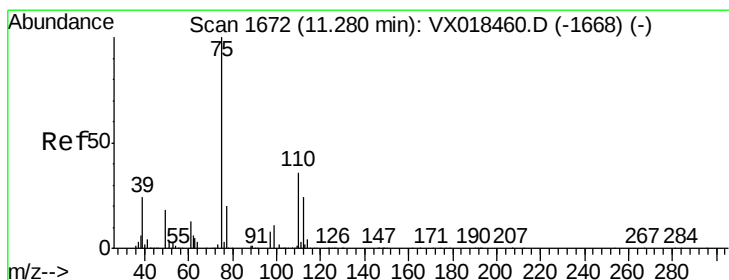
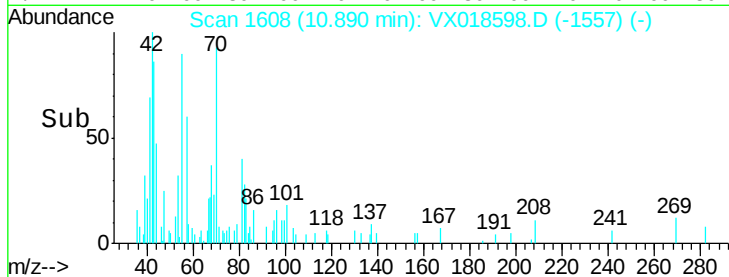
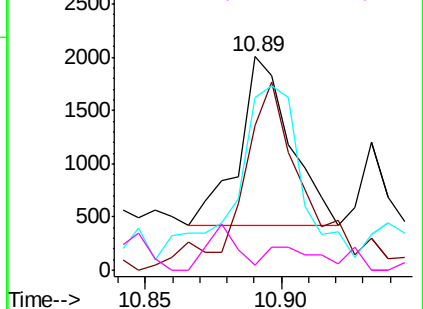


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 26.228 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018598.D

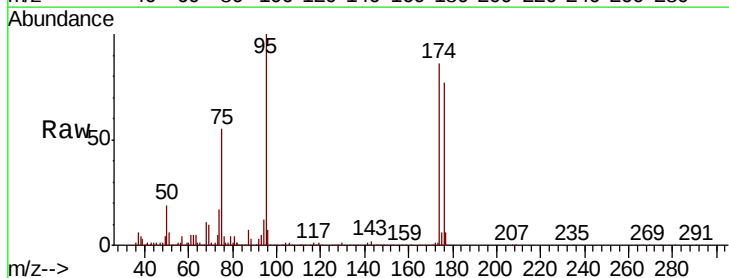
Acq: 25 Sep 2020 16:17

Tgt Ion: 75 Resp: 76138

Ion Ratio Lower Upper

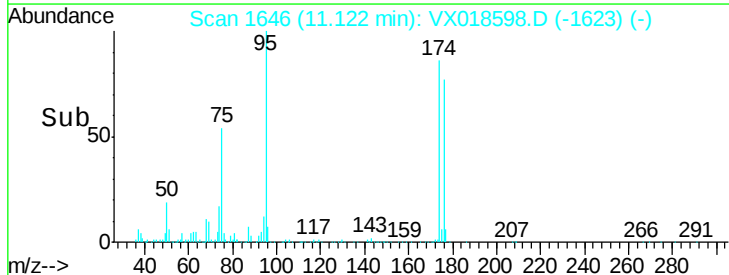
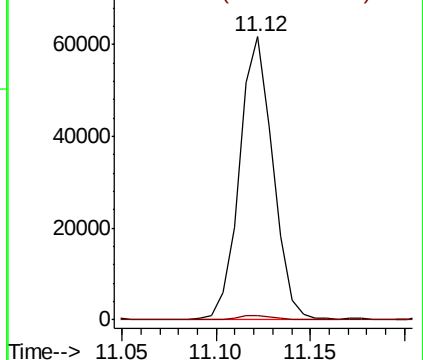
75 100

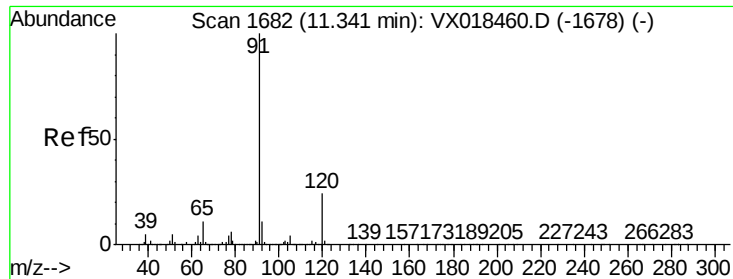
77 1.7 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.829 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

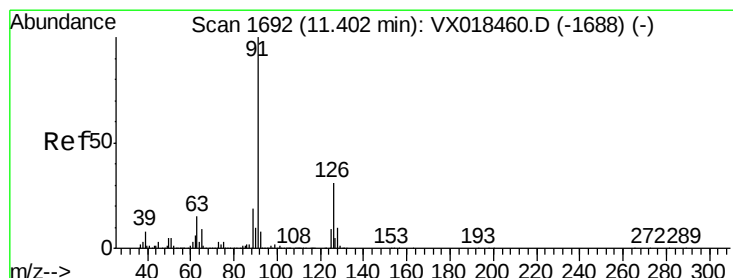
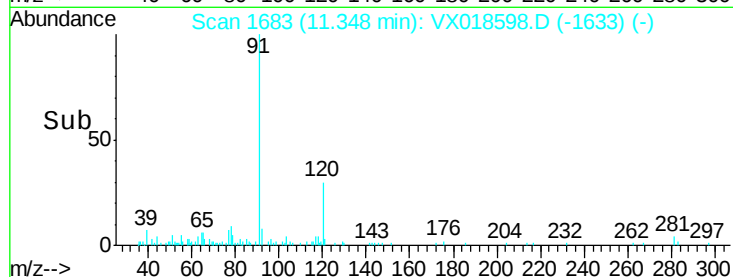
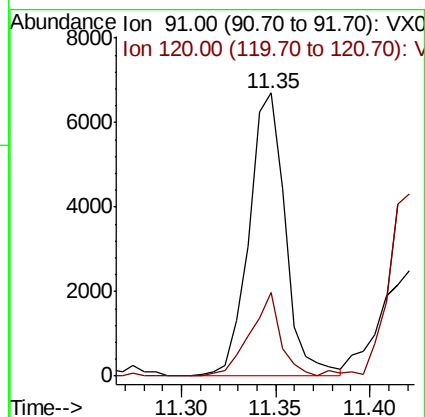
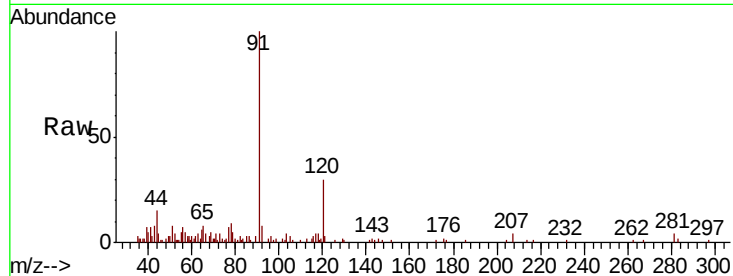
SEAL-POT

Tot Ion: 91 Resp: 8953

Ion Ratio Lower Upper

91 100

120 24.8 11.8 35.3



#79

2-Chlorotoluene

Concen: 0.676 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.09 min

Lab File: VX018598.D

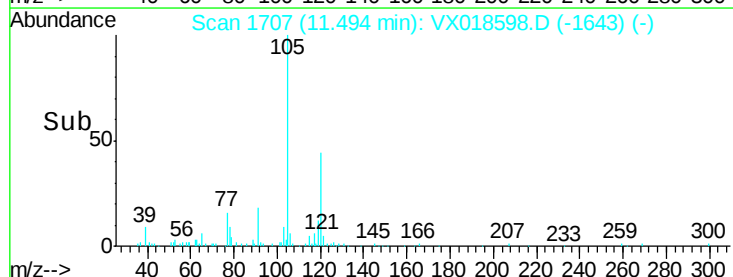
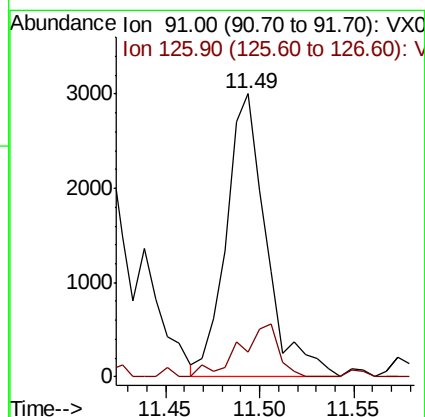
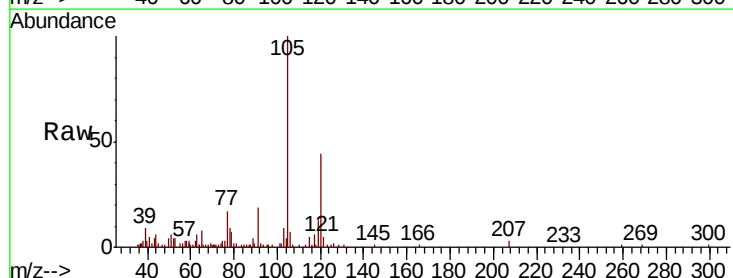
Acq: 25 Sep 2020 16:17

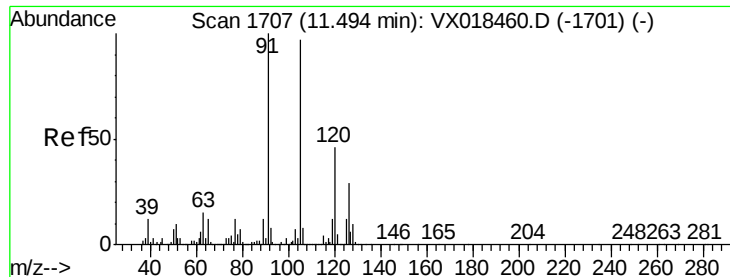
Tgt Ion: 91 Resp: 4420

Ion Ratio Lower Upper

91 100

126 18.3 16.6 49.7

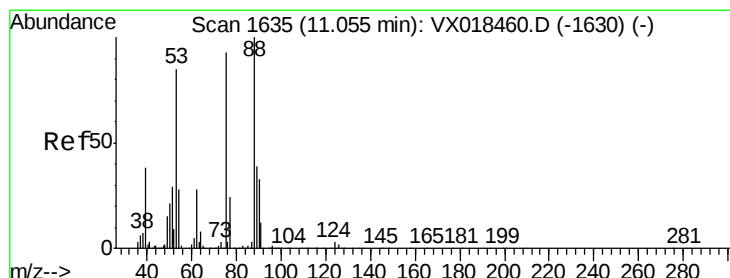
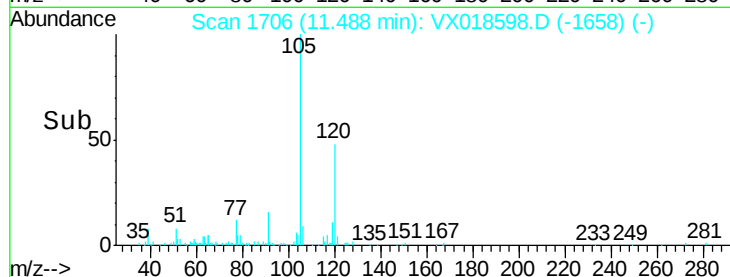
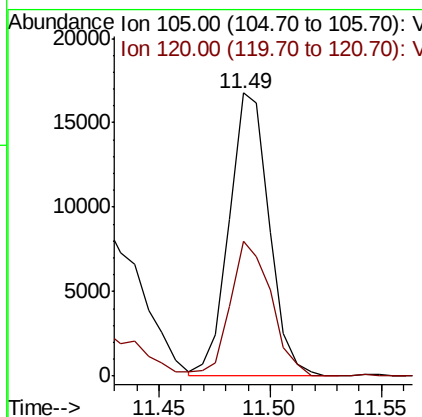
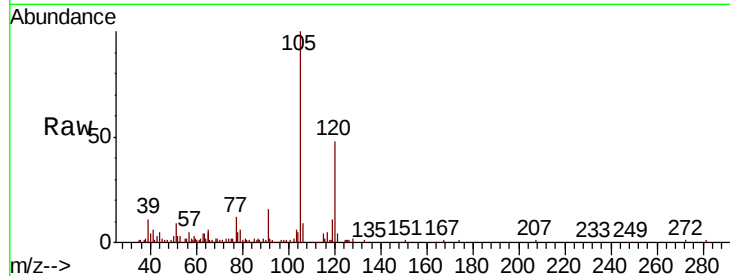




#80
 1,3,5-Trimethylbenzene
 Concen: 2.660 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

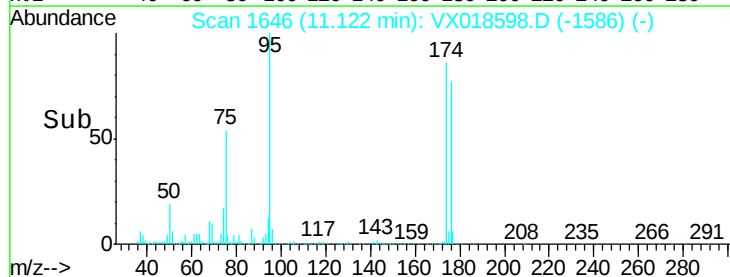
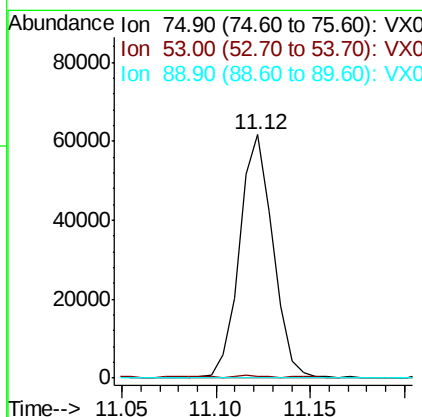
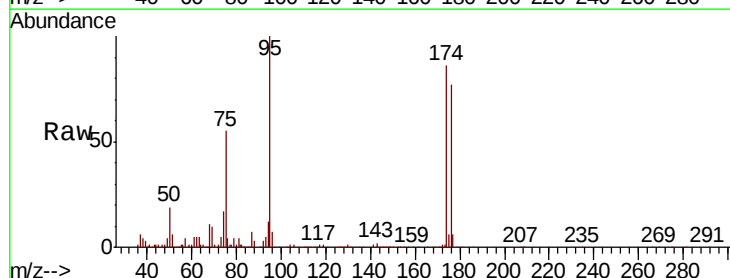
Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

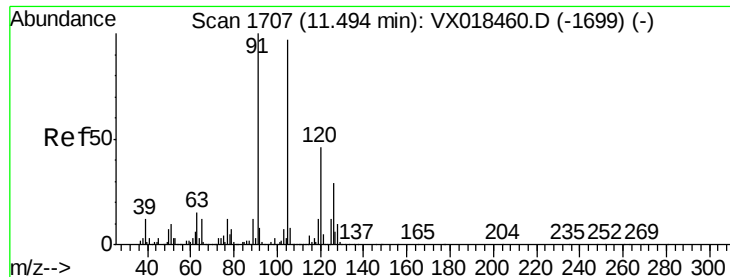
Tot Ion:105 Resp: 20994
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.6 71.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.210 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

Tgt Ion: 75 Resp: 76138
 Ion Ratio Lower Upper
 75 100
 53 0.5 74.6 111.8#
 89 0.3 36.2 54.4#

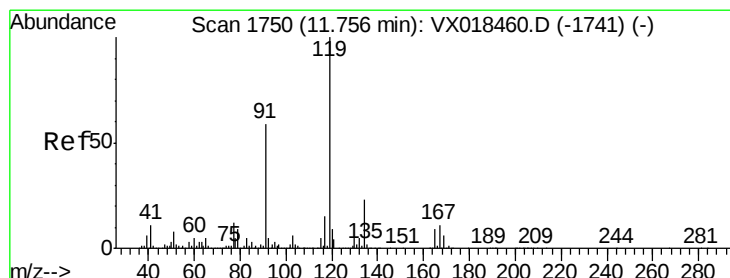
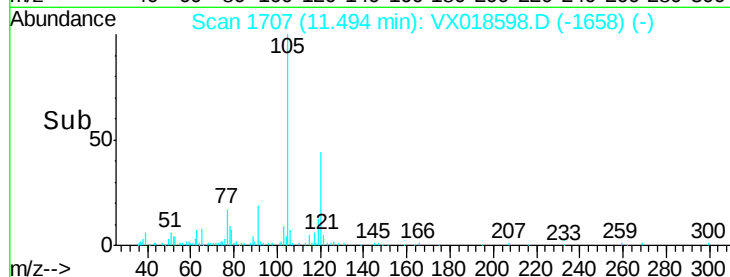
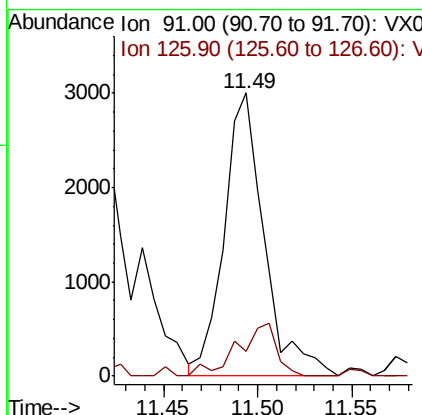
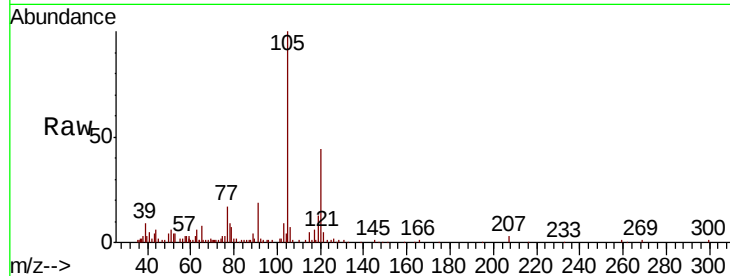




#82
4-Chlorotoluene
Concen: 0.569 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

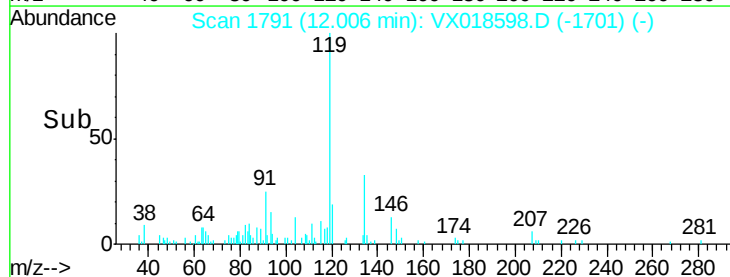
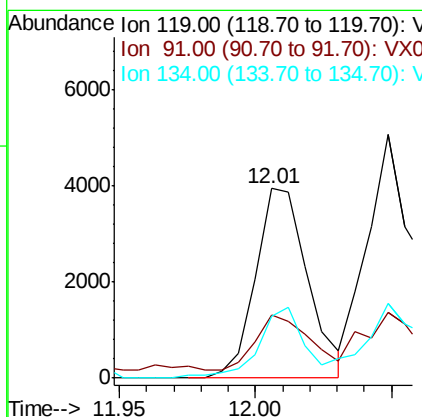
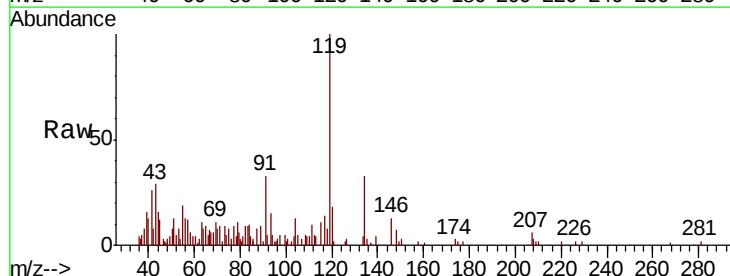
Instrument :
MSVOA_X
ClientSampleId :
SEAL-POT

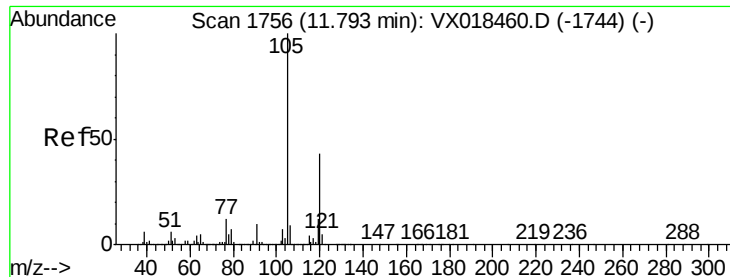
Tot Ion: 91 Resp: 4420
Ion Ratio Lower Upper
91 100
126 18.3 15.0 45.0



#83
tert-Butylbenzene
Concen: 0.688 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. 0.25 min
Lab File: VX018598.D
Acq: 25 Sep 2020 16:17

Tgt Ion: 119 Resp: 5270
Ion Ratio Lower Upper
119 100
91 29.3 28.9 86.7
134 32.0 11.3 33.8





#84

1,2,4-Trimethylbenzene

Concen: 5.831 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

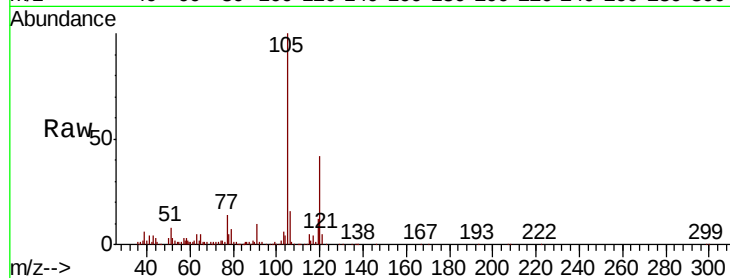
SEAL-POT

Tot Ion:105 Resp: 46342

Ion Ratio Lower Upper

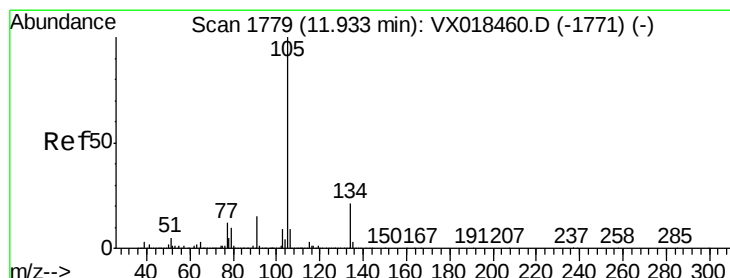
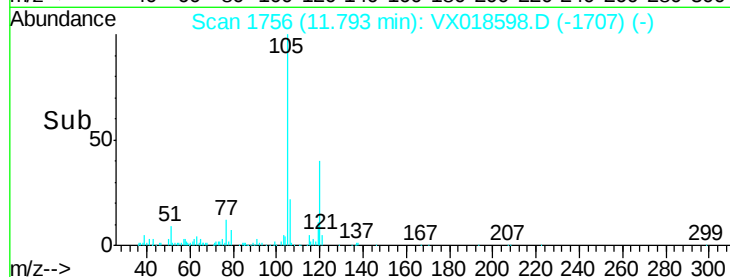
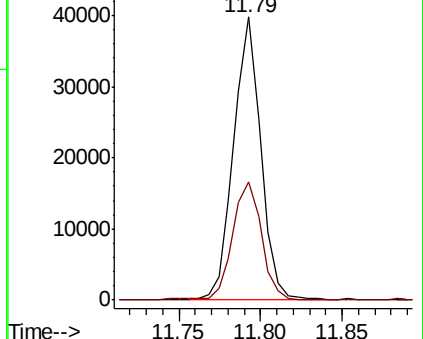
105 100

120 44.8 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.595 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018598.D

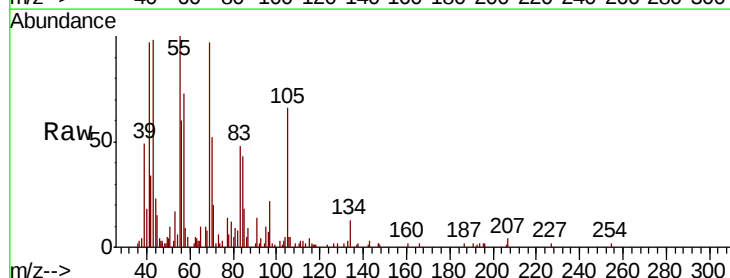
Acq: 25 Sep 2020 16:17

Tgt Ion:105 Resp: 5380

Ion Ratio Lower Upper

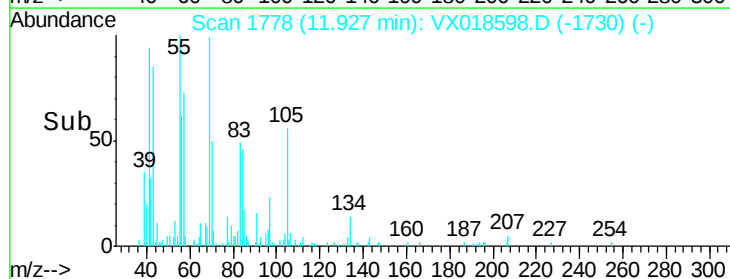
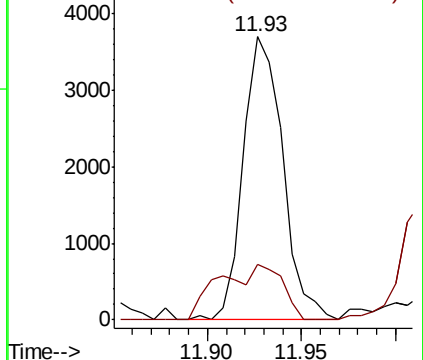
105 100

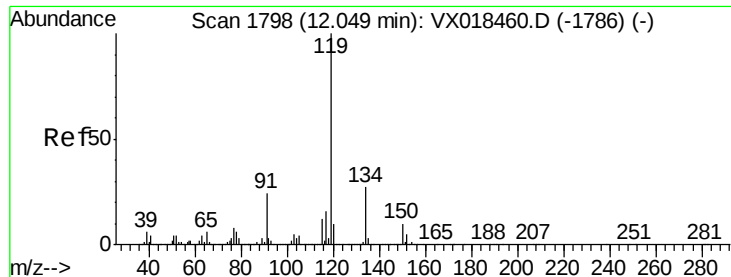
134 14.9 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 0.634 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.04 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

SEAL-POT

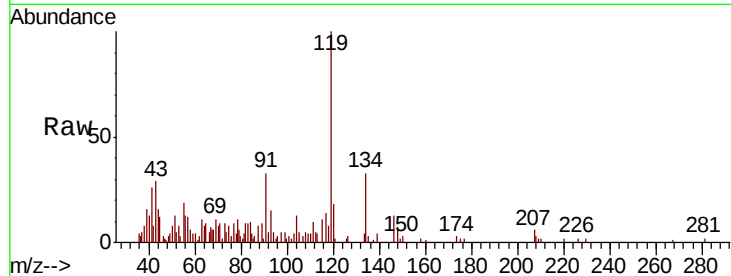
Tot Ion:119 Resp: 5270

Ion Ratio Lower Upper

119 100

134 32.0 13.3 39.9

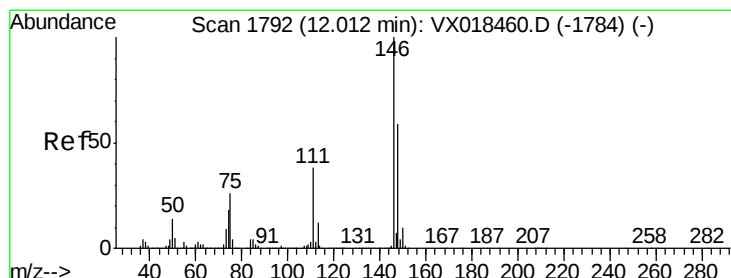
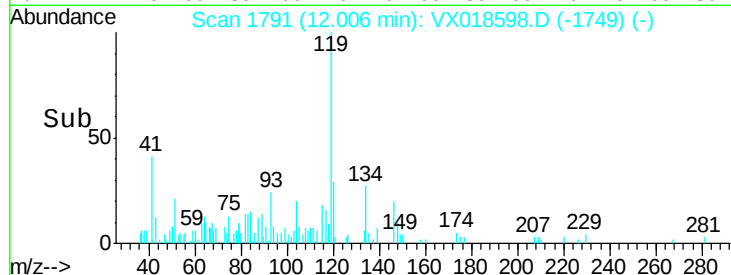
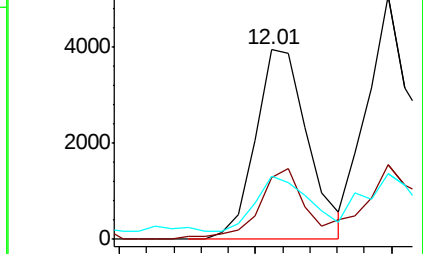
91 29.4 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.244 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

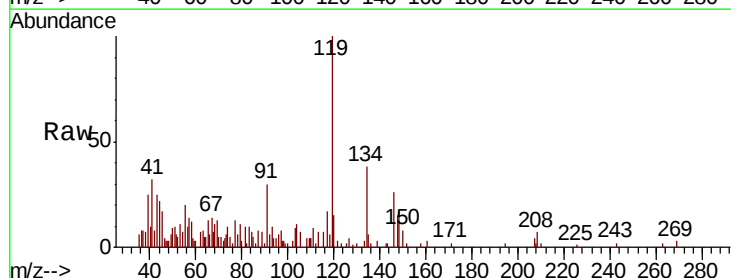
Tgt Ion:146 Resp: 1118

Ion Ratio Lower Upper

146 100

111 97.9 20.4 61.2#

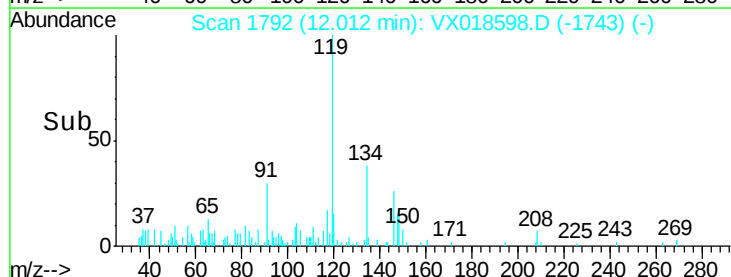
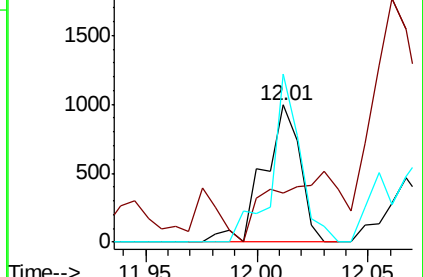
148 97.1 31.1 93.2#

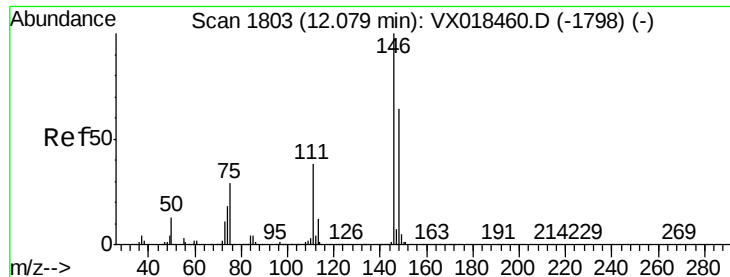


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

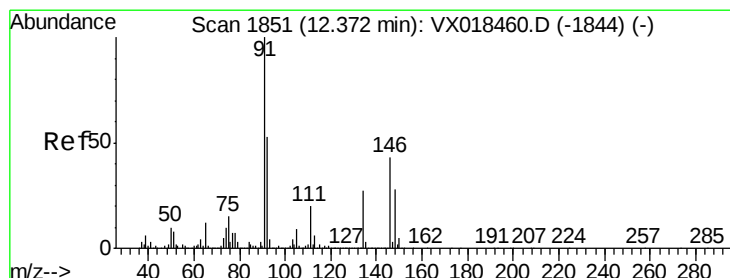
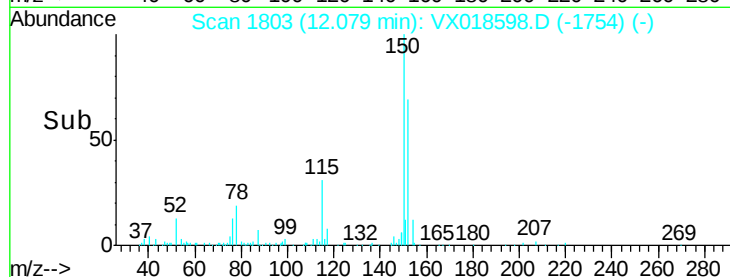
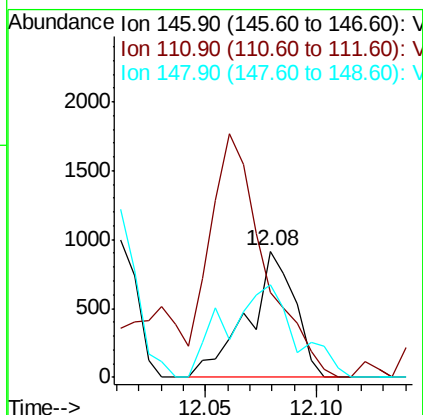
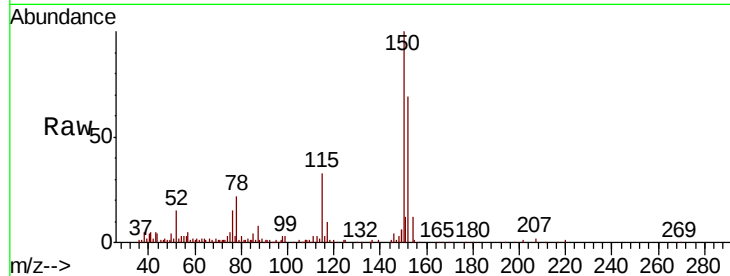




#88
 1,4-Dichlorobenzene
 Concen: 0.290 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

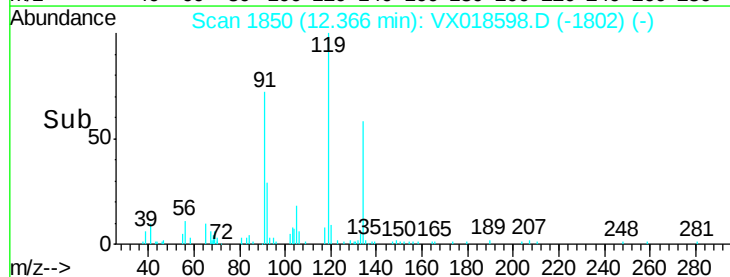
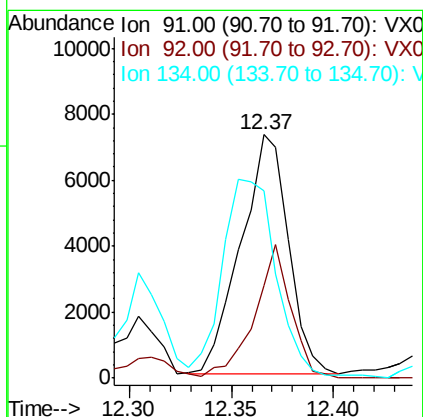
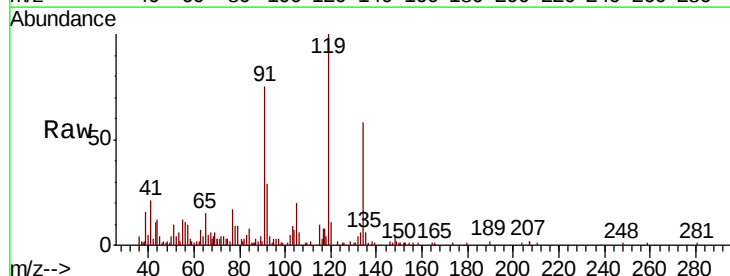
Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

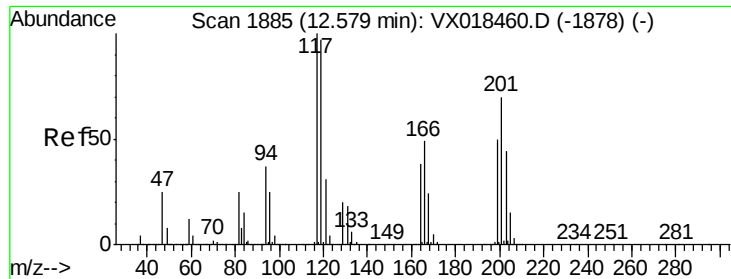
Tot Ion:146 Resp: 1346
 Ion Ratio Lower Upper
 146 100
 111 220.8 19.4 58.4#
 148 109.1 31.8 95.4#



#89
 n-Butylbenzene
 Concen: 1.536 ug/l
 RT: 12.37 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

Tgt Ion: 91 Resp: 11812
 Ion Ratio Lower Upper
 91 100
 92 42.8 26.1 78.2
 134 94.1 13.3 39.8#





#90

Hexachloroethane

Concen: 1.049 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

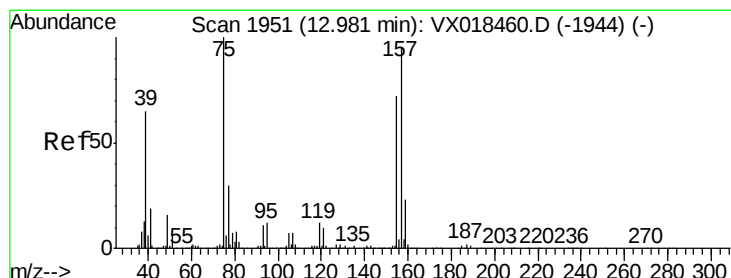
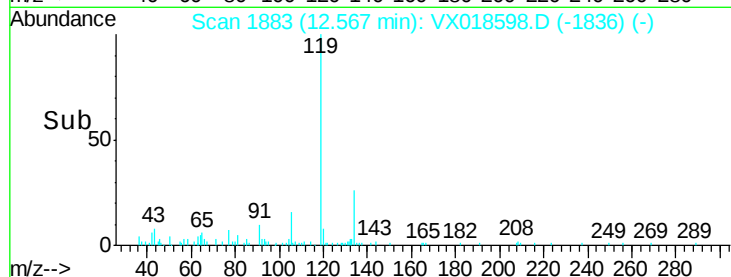
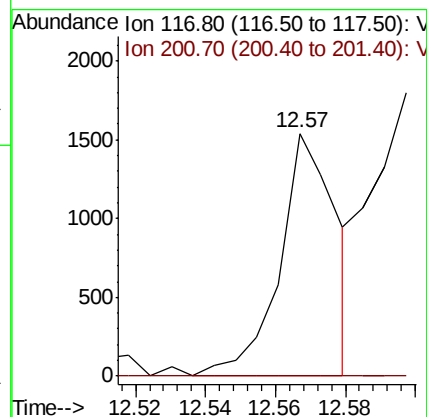
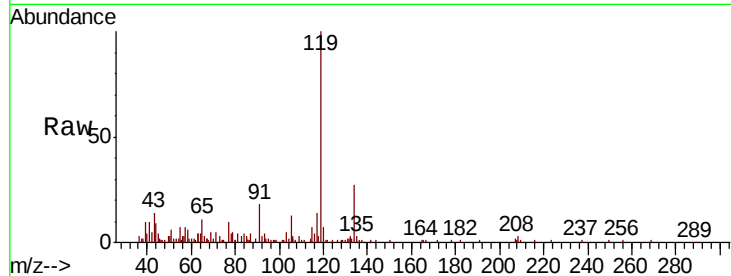
SEAL-POT

Tot Ion:117 Resp: 1740

Ion Ratio Lower Upper

117 100

201 0.0 36.2 108.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.782 ug/l

RT: 13.01 min Scan# 1955

Delta R.T. 0.02 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

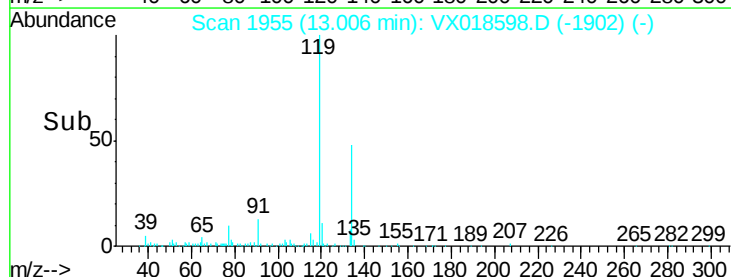
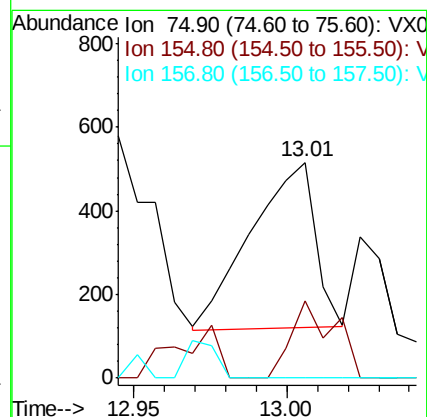
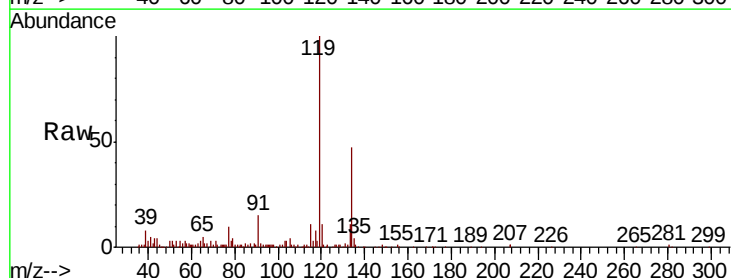
Tgt Ion: 75 Resp: 580

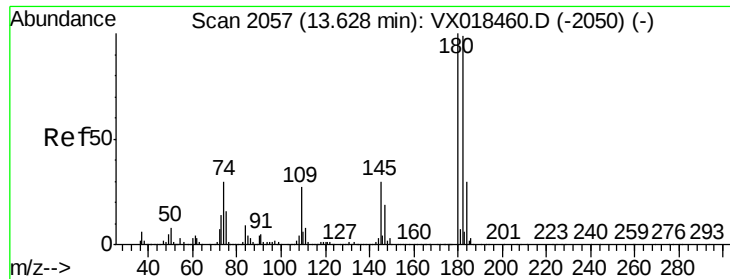
Ion Ratio Lower Upper

75 100

155 31.4 38.8 116.4#

157 0.0 51.1 153.3#

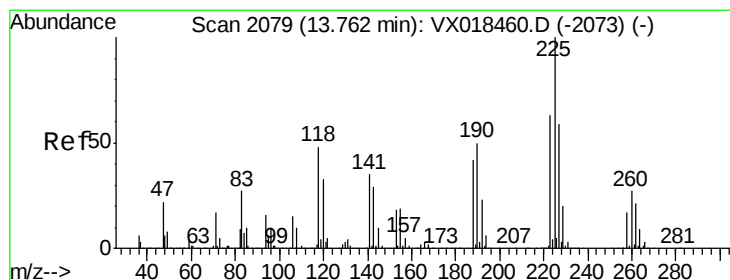
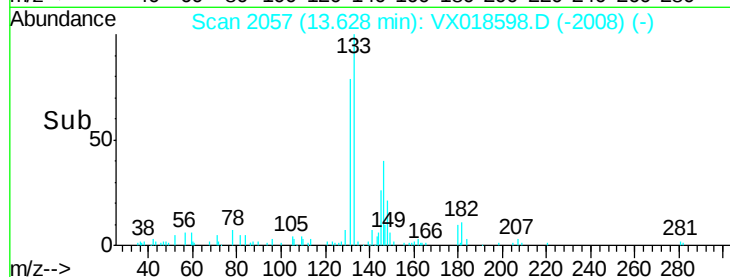
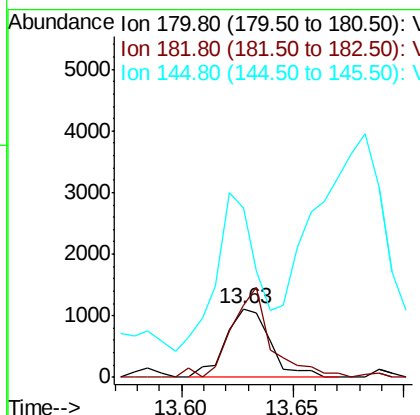
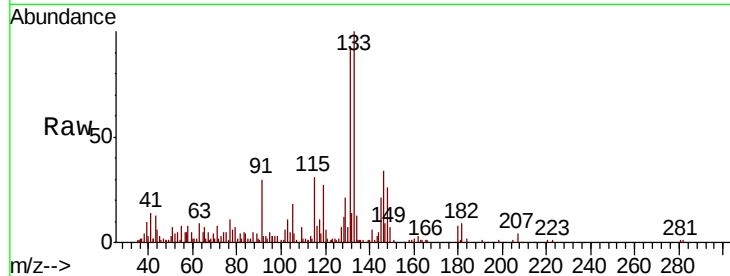




#93
 1,2,4-Trichlorobenzene
 Concen: 0.521 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

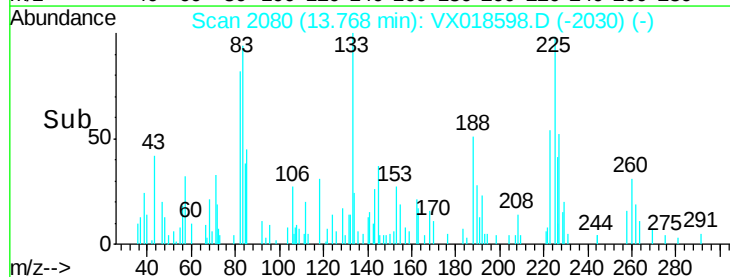
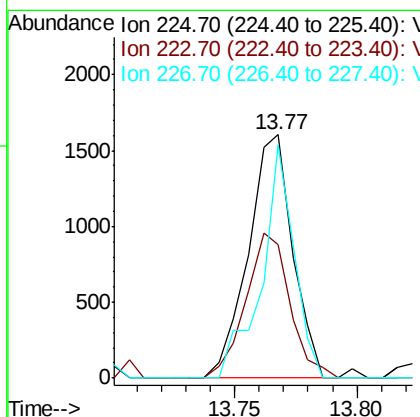
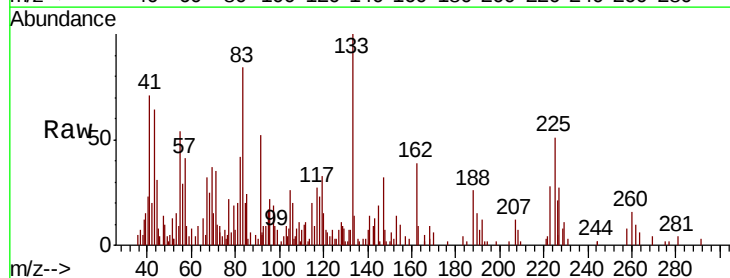
Instrument :
 MSVOA_X
 ClientSampleId :
 SEAL-POT

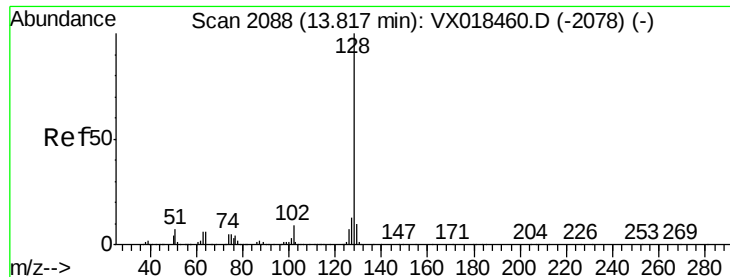
Tot Ion:180 Resp: 1553
 Ion Ratio Lower Upper
 180 100
 182 117.2 50.2 150.6
 145 264.5 15.7 47.1#



#94
 Hexachlorobutadiene
 Concen: 1.625 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018598.D
 Acq: 25 Sep 2020 16:17

Tgt Ion:225 Resp: 2033
 Ion Ratio Lower Upper
 225 100
 223 59.3 32.0 96.2
 227 70.6 31.7 95.1





#95

Naphthalene

Concen: 24.579 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

Instrument :

MSVOA_X

ClientSampleId :

SEAL-POT

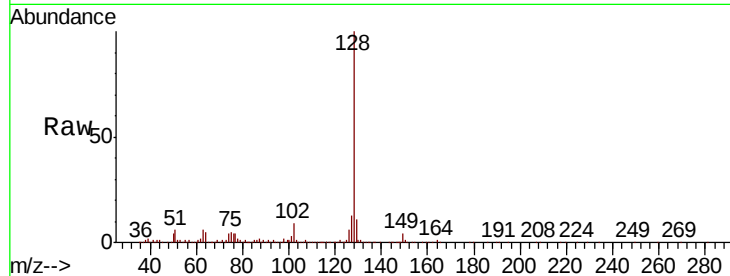
Tot Ion:128 Resp: 221372

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

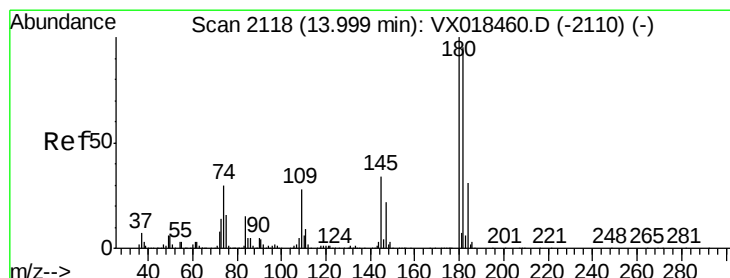
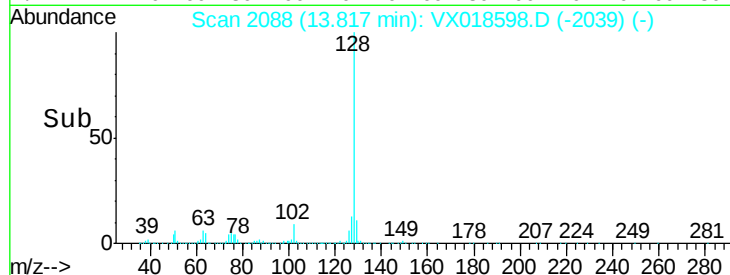
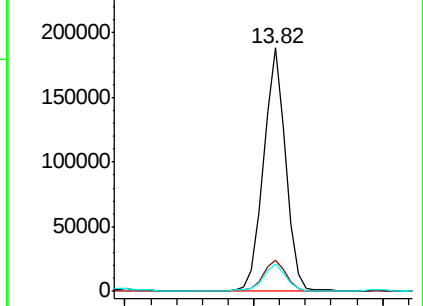
129 11.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.481 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018598.D

Acq: 25 Sep 2020 16:17

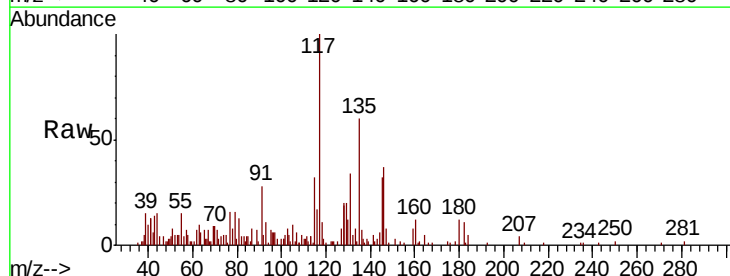
Tgt Ion:180 Resp: 1372

Ion Ratio Lower Upper

180 100

182 96.8 47.1 141.3

145 303.1 16.8 50.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

