

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025775.D
 Acq On : 14 Dec 2021 14:35
 Operator : JC/MD
 Sample : M5031-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 15 07:03:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

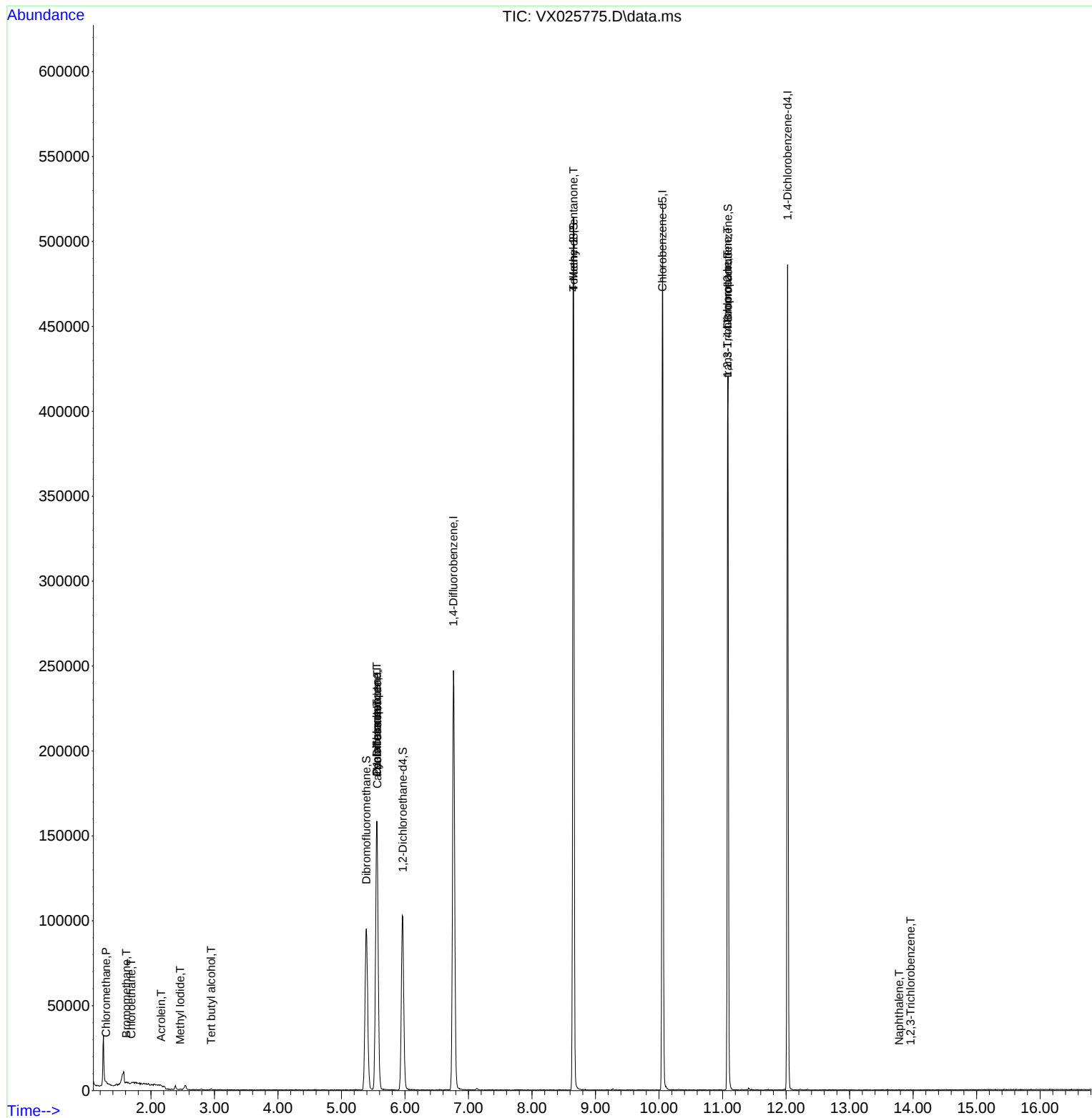
Internal Standards						
1) Pentafluorobenzene	5.556	168	146984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97153	45.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.391	113	82070	45.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.653	98	299087	46.009	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.020%
62) 4-Bromofluorobenzene	11.085	95	113953	46.147	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	486	0.284	ug/l #	83
5) Bromomethane	1.611	94	272	0.209	ug/l #	49
6) Chloroethane	1.691	64	822	0.623	ug/l #	42
10) Methyl Iodide	2.459	142	521	0.261	ug/l #	87
11) Tert butyl alcohol	2.947	59	262	0.618	ug/l #	73
13) Acrolein	2.160	56	78	0.269	ug/l #	57
16) Acetone	2.386	43	2159	Below Cal	#	88
20) Methylene Chloride	2.800	84	250	Below Cal	#	48
31) Cyclohexane	5.556	56	3154	1.226	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11385	4.705	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15178	5.392	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1322	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56685	25.667	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56685	79.573	ug/l #	10
95) Naphthalene	13.780	128	299	2.455	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.963	180	72	3.029	ug/l #	33

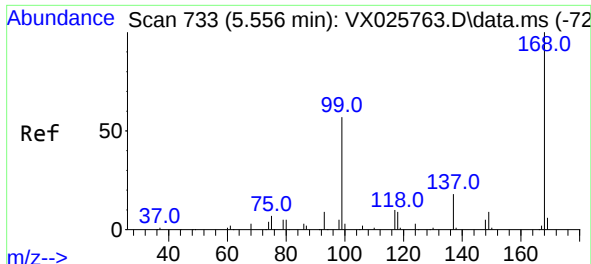
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

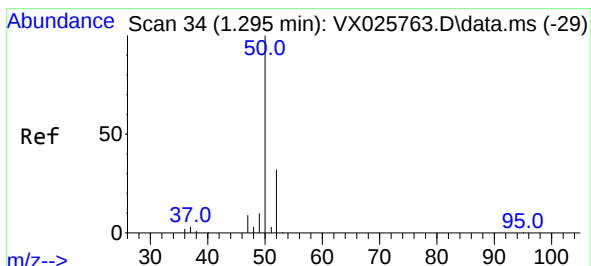
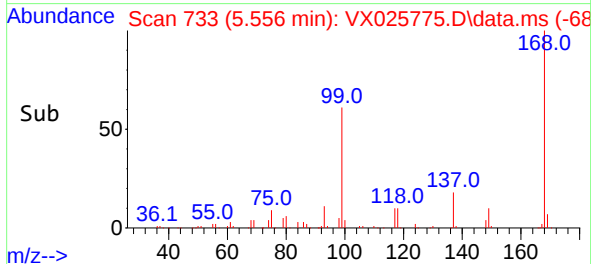
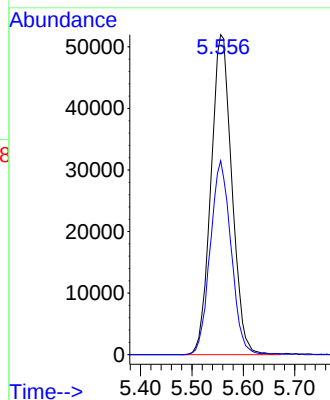
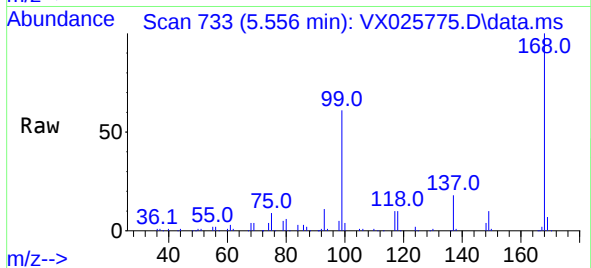




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

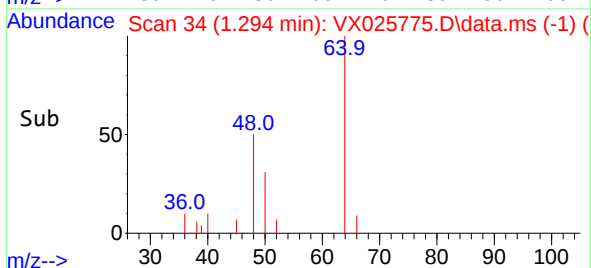
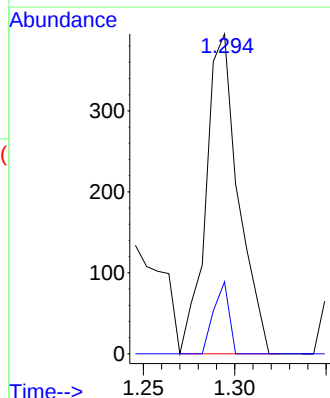
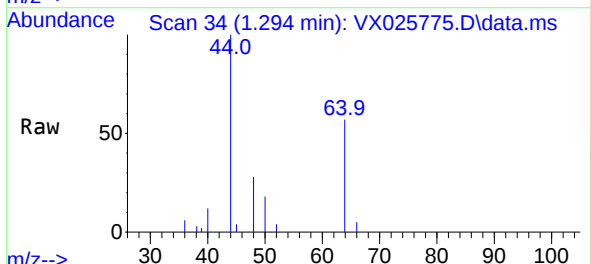
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

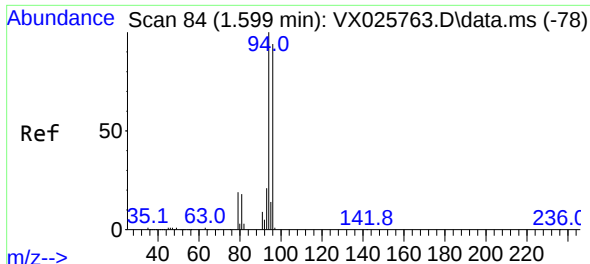
Tgt Ion:168 Resp: 146984
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.8



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 50 Resp: 486
Ion Ratio Lower Upper
50 100
52 22.5 25.4 38.0#

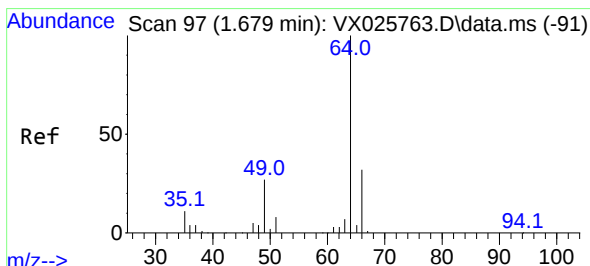
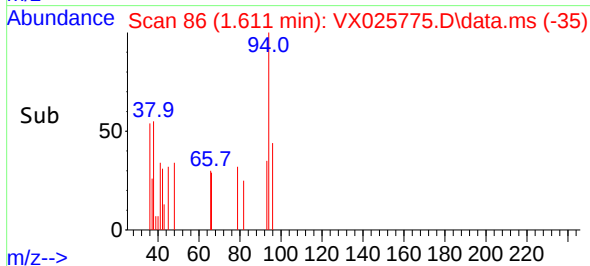
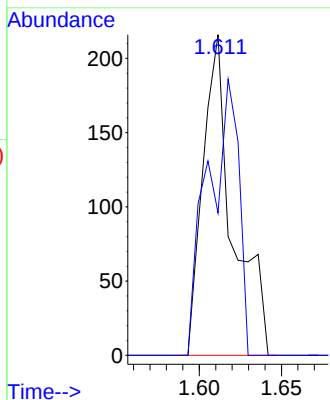
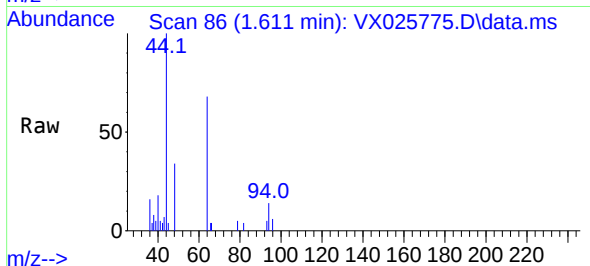




#5
Bromomethane
Concen: 0.209 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

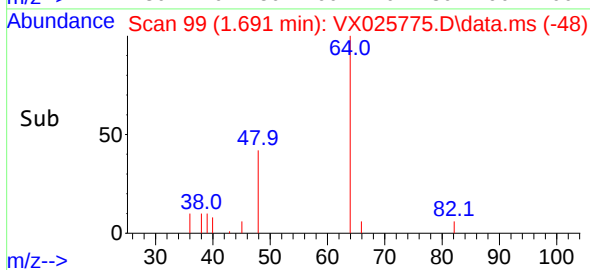
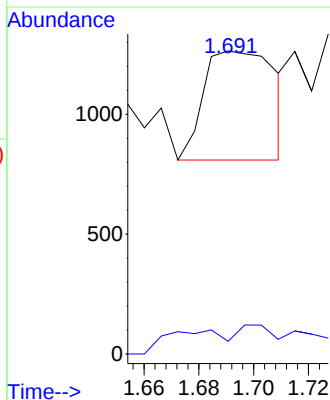
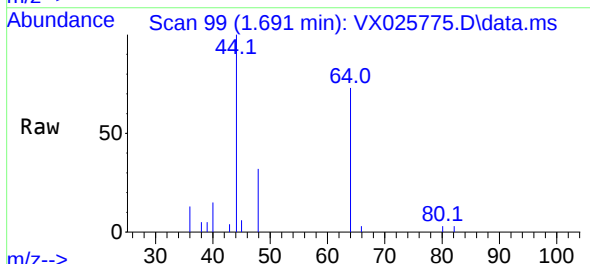
Instrument :
MSVOA_X
ClientSampleId :
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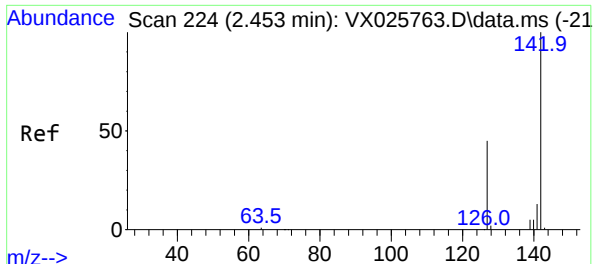
Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 44.4 75.0 112.4#



#6
Chloroethane
Concen: 0.623 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 64 Resp: 822
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

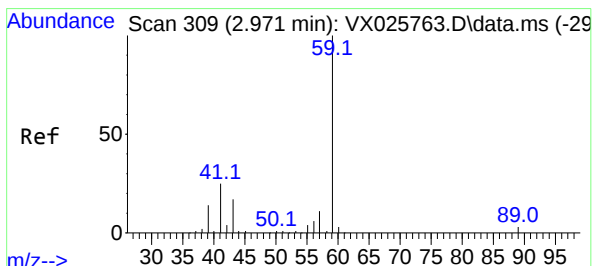
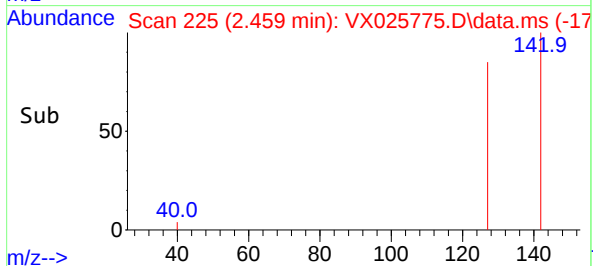
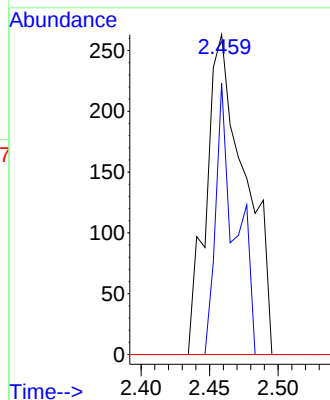
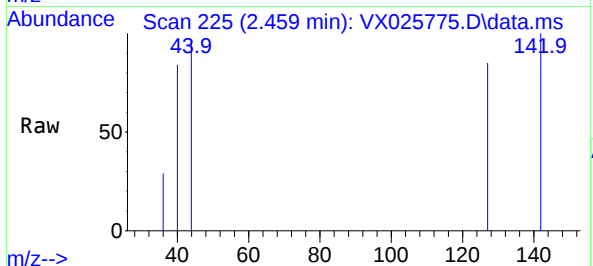




#10
Methyl Iodide
Concen: 0.261 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

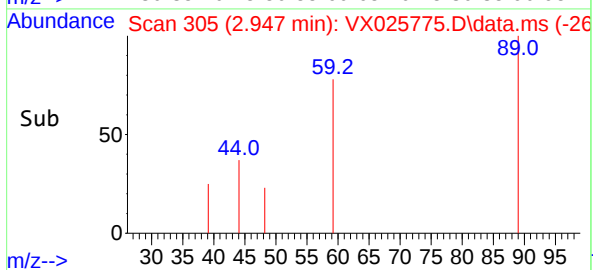
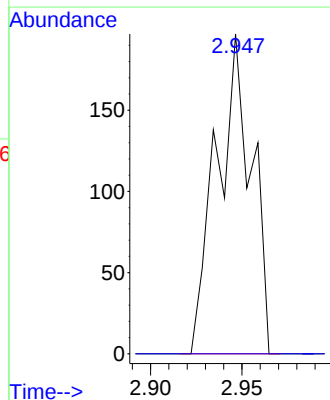
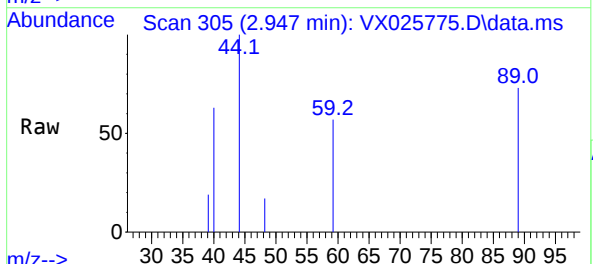
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

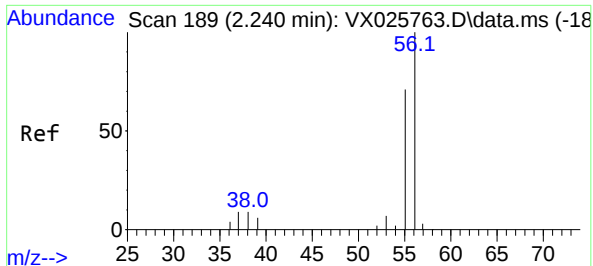
Tgt Ion:142 Resp: 521
Ion Ratio Lower Upper
142 100
127 43.0 37.5 56.3
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.618 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 59 Resp: 262
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

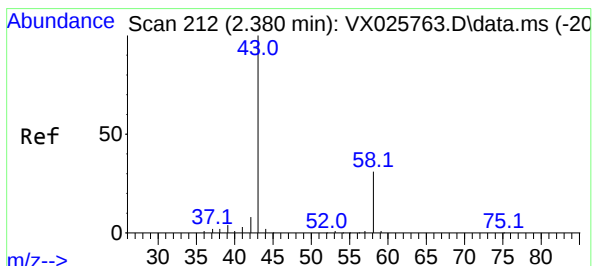
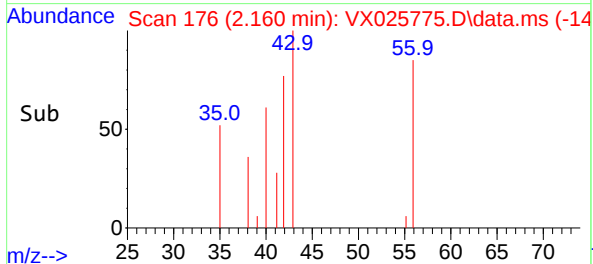
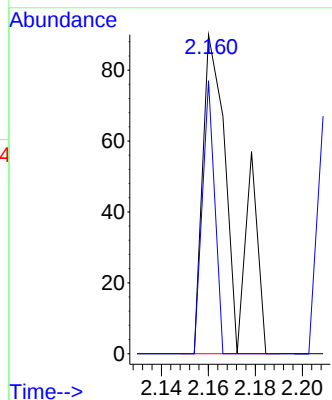
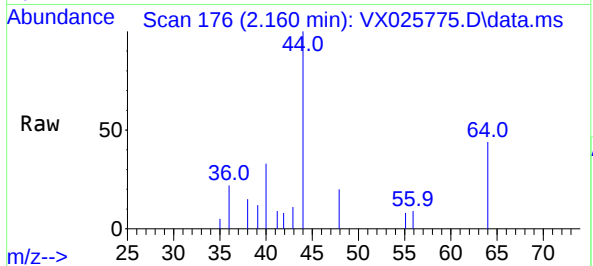




#13
Acrolein
Concen: 0.269 ug/l
RT: 2.160 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

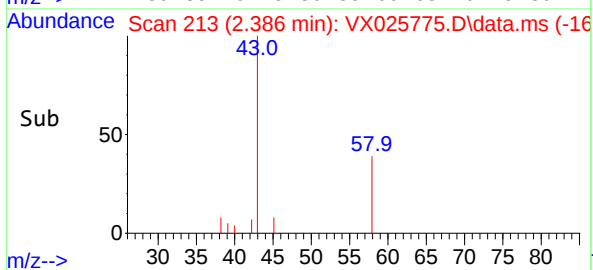
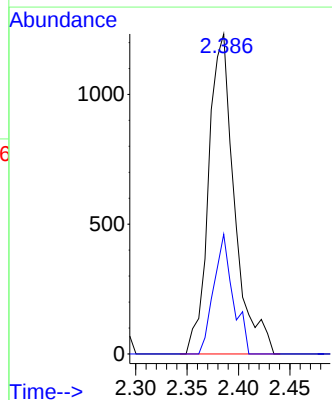
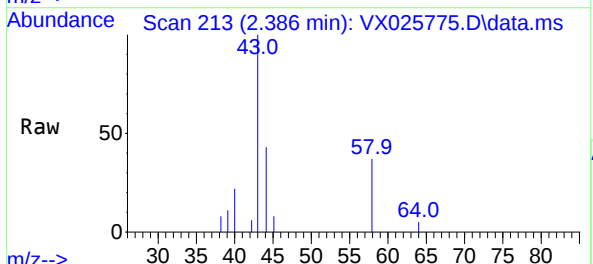
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

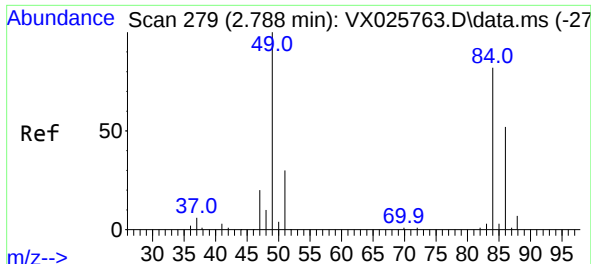
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 35.9 57.4 86.2#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
58 37.4 24.8 37.2#

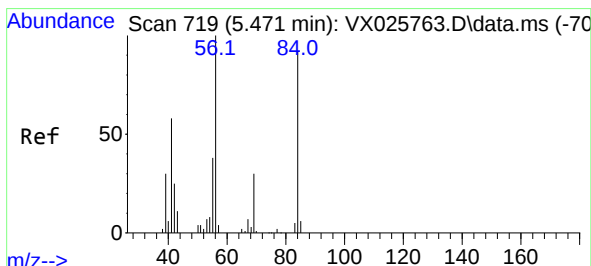
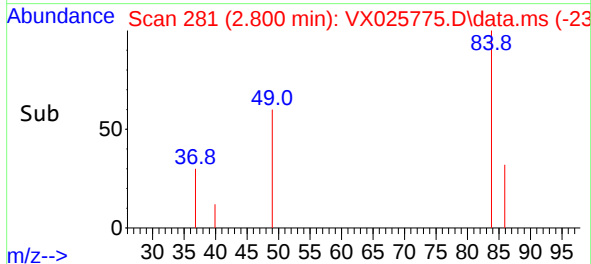
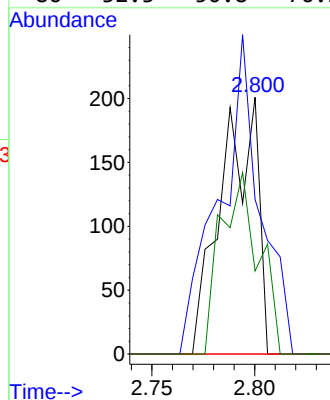
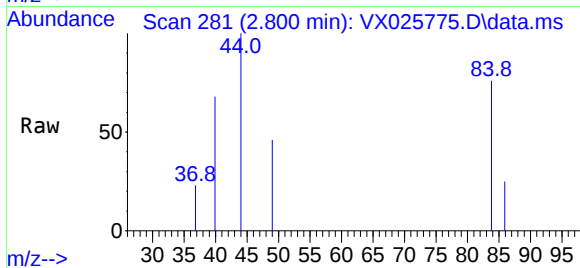




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

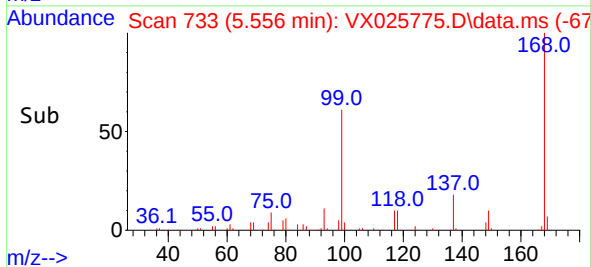
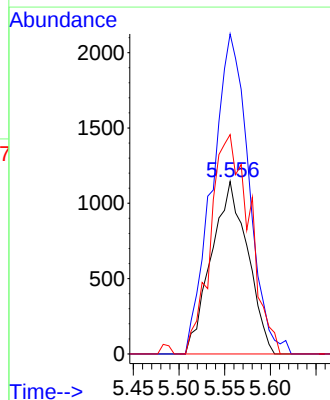
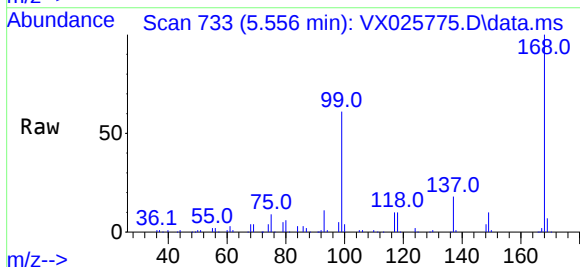
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ClientSampleId :
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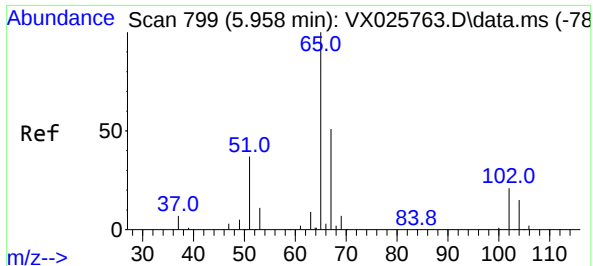
Tgt Ion:	84	Resp:	250
Ion	Ratio	Lower	Upper
84	100		
49	60.2	97.1	145.7#
51	0.0	29.3	43.9#
86	32.3	50.8	76.2#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion:	56	Resp:	3154
Ion	Ratio	Lower	Upper
56	100		
69	185.5	23.9	35.9#
84	127.2	73.2	109.8#

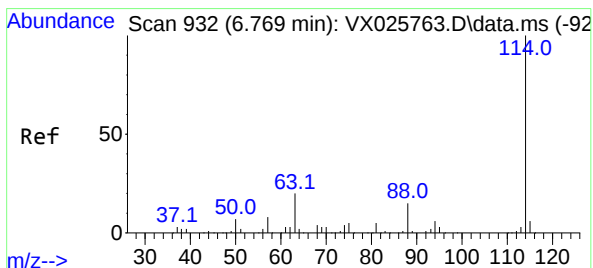
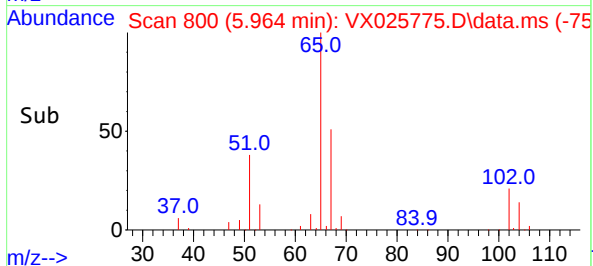
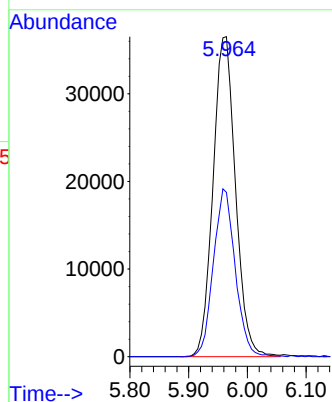
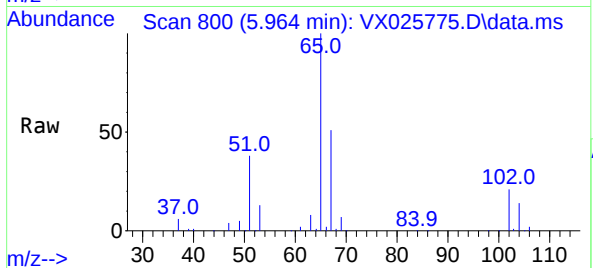




#33
1,2-Dichloroethane-d4
Concen: 45.939 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

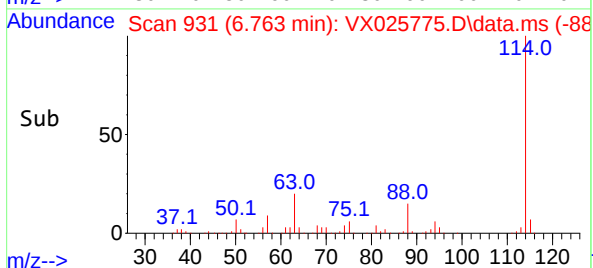
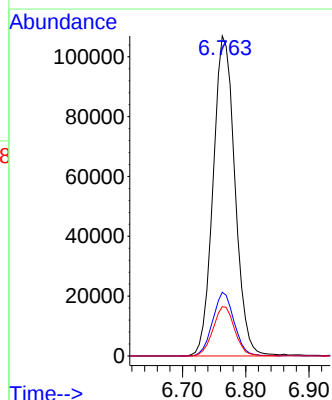
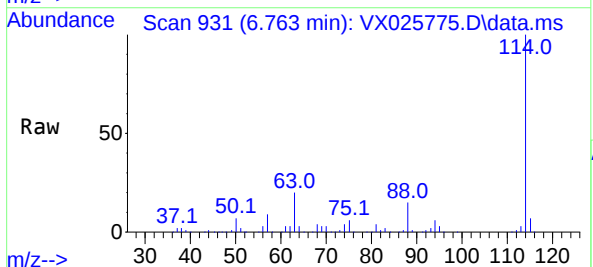
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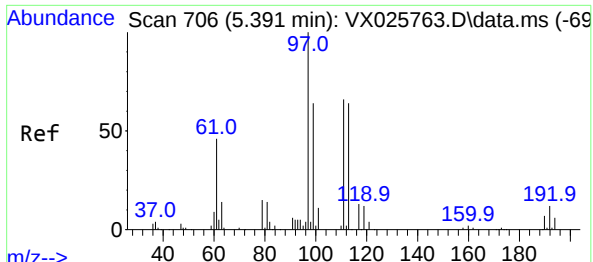
Tgt Ion: 65 Resp: 97153
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 114 Resp: 255828
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.4 0.0 30.6

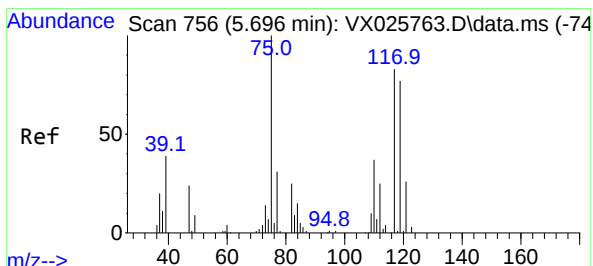
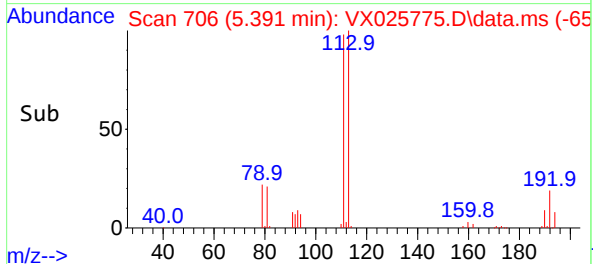
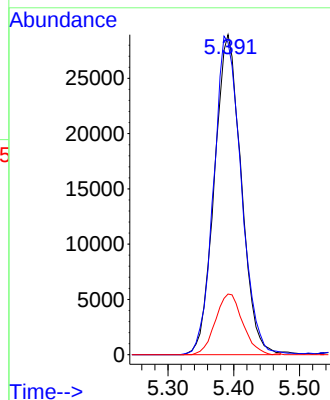
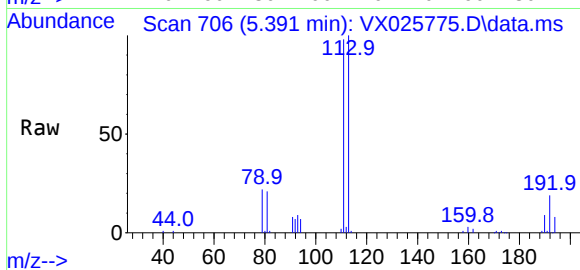




#35
Dibromofluoromethane
Concen: 45.999 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

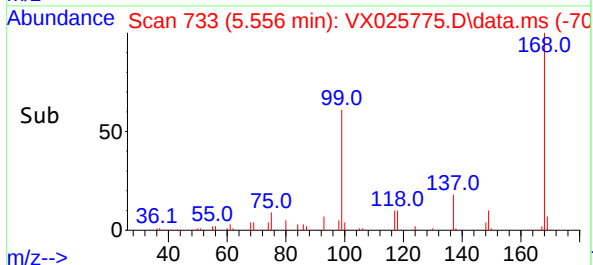
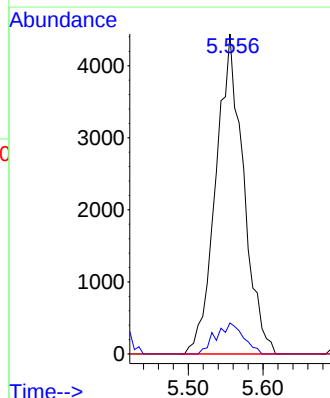
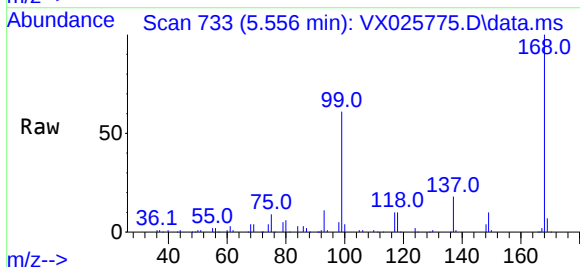
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

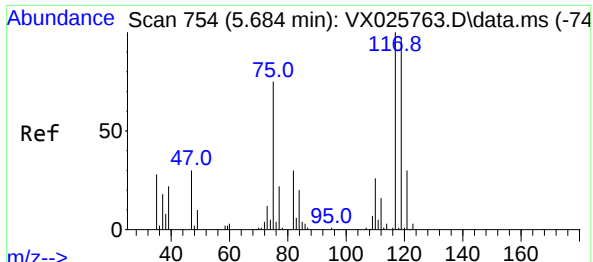
Tgt Ion:113 Resp: 82070
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 19.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.705 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 75 Resp: 11385
Ion Ratio Lower Upper
75 100
110 9.6 18.2 54.6#
77 0.0 24.7 37.1#

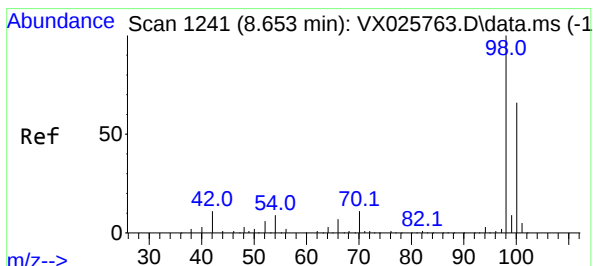
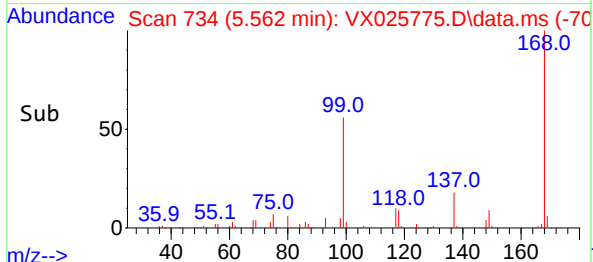
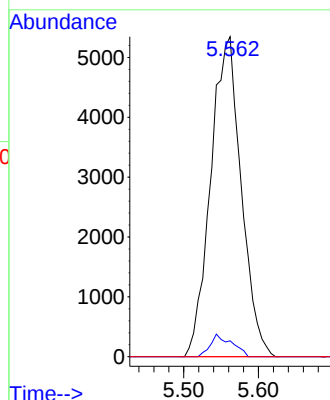
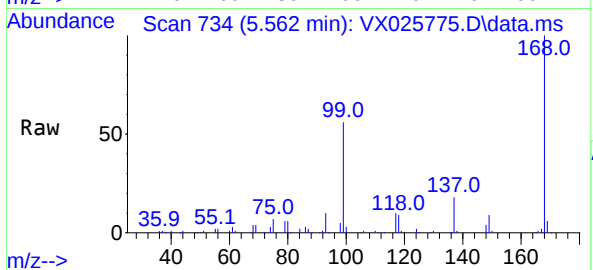




#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

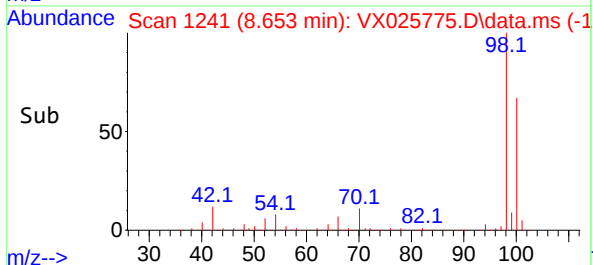
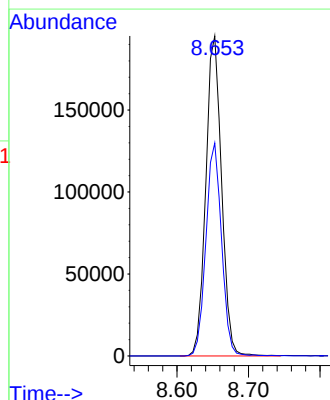
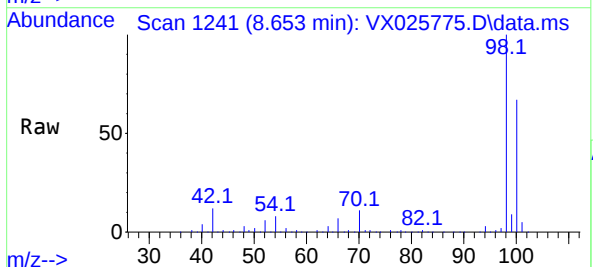
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

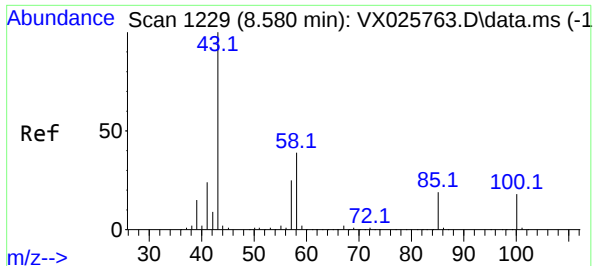
Tgt Ion:117 Resp: 15178
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 46.009 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 98 Resp: 299087
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

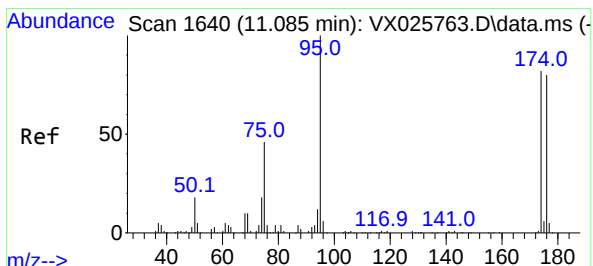
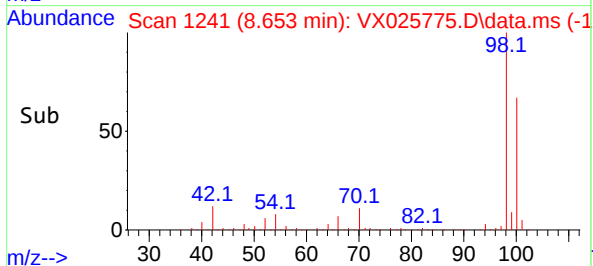
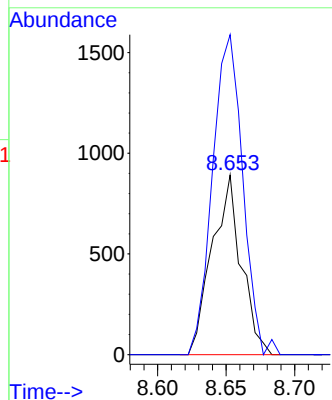
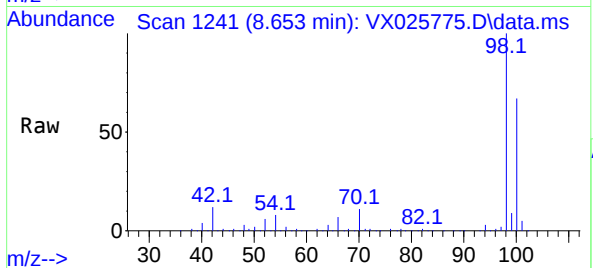




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

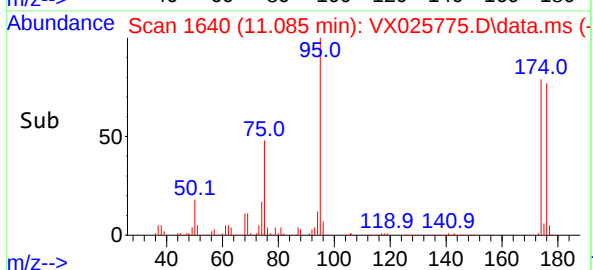
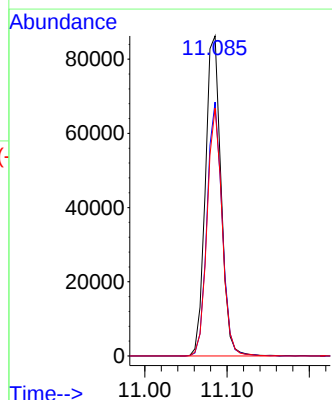
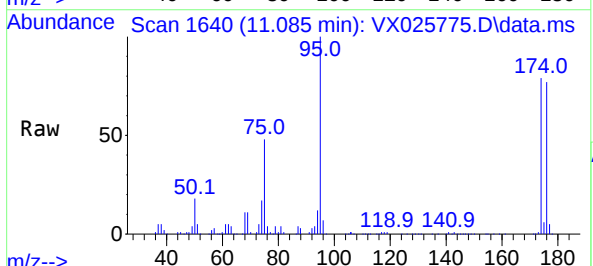
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

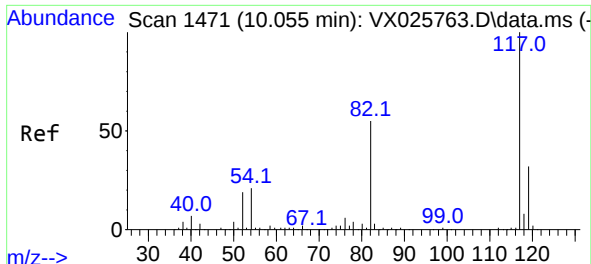
Tgt Ion: 43 Resp: 1322
Ion Ratio Lower Upper
43 100
58 184.3 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 46.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 95 Resp: 113953
Ion Ratio Lower Upper
95 100
174 76.2 0.0 157.4
176 74.4 0.0 154.6

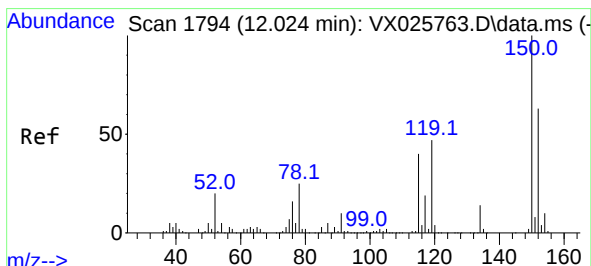
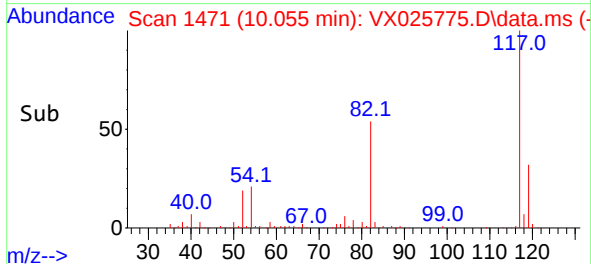
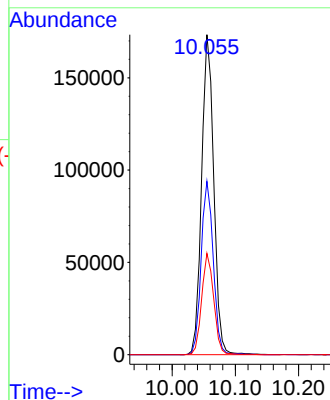
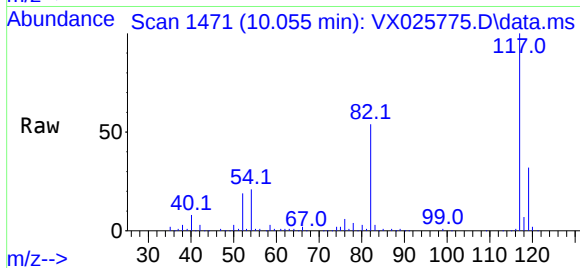




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

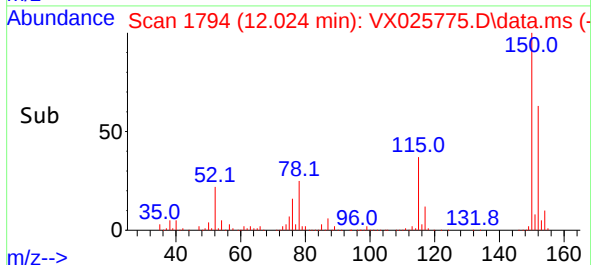
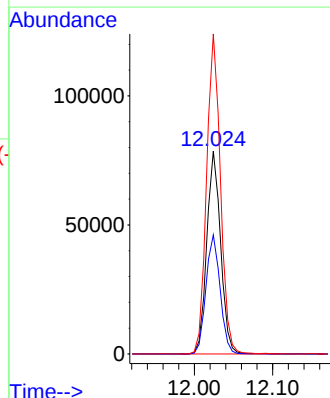
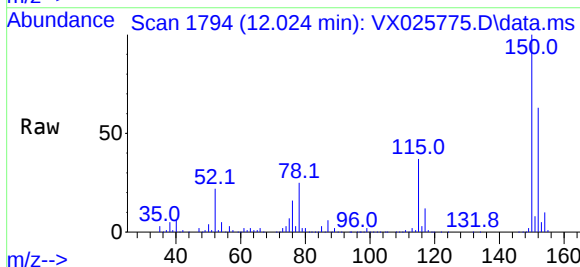
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

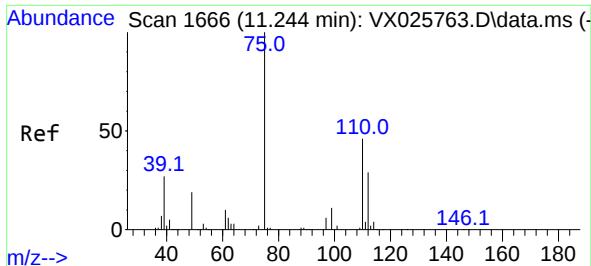
Tgt Ion:117 Resp: 232229
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion:152 Resp: 96392
Ion Ratio Lower Upper
152 100
115 59.7 41.3 123.9
150 157.6 0.0 351.8

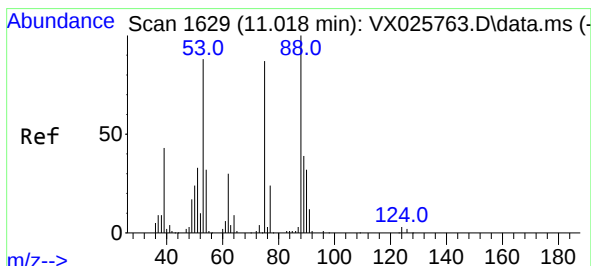
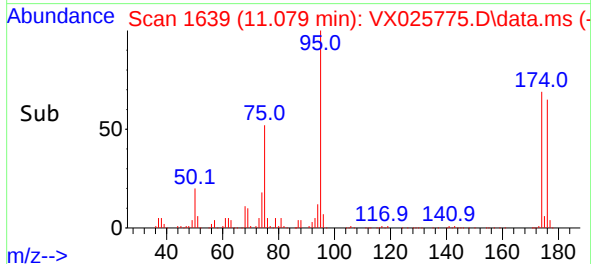
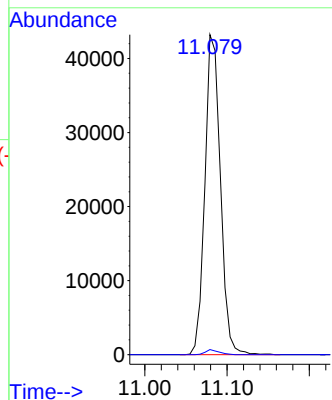
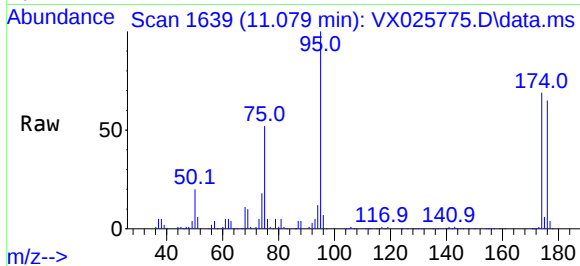




#76
1,2,3-Trichloropropane
Concen: 25.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

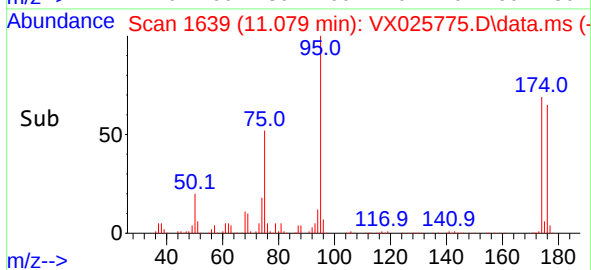
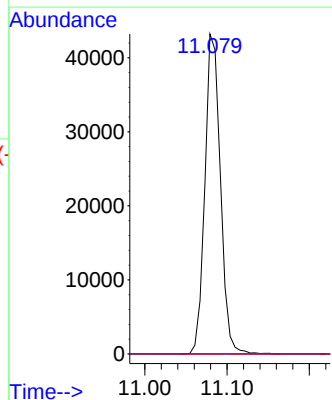
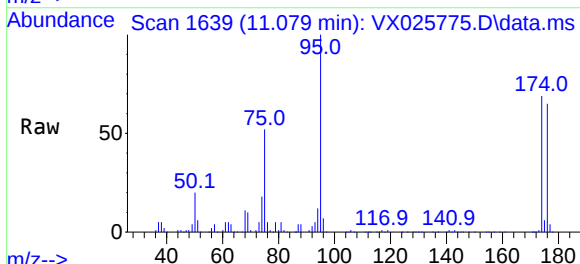
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

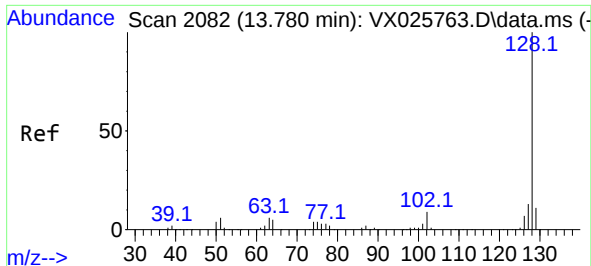
Tgt Ion: 75 Resp: 56685
Ion Ratio Lower Upper
75 100
77 1.4 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion: 75 Resp: 56685
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

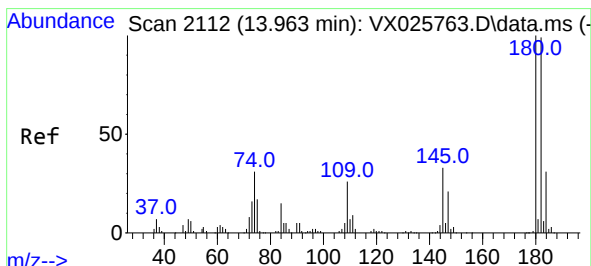
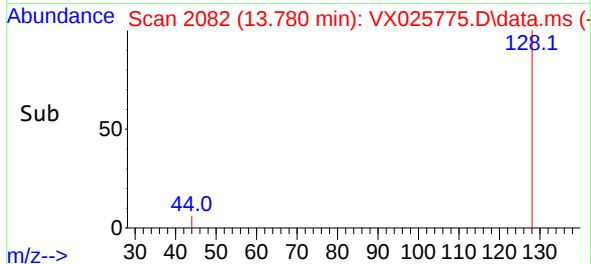
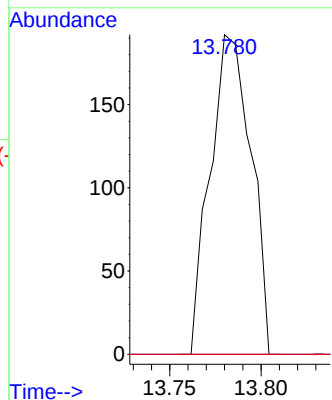
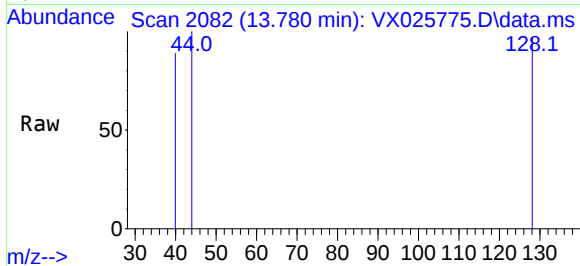




#95
Naphthalene
Concen: 2.455 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:	128	Resp:	299
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.029 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025775.D
Acq: 14 Dec 2021 14:35

Tgt Ion:	180	Resp:	72
Ion	Ratio	Lower	Upper
180	100		
182	27.8	47.5	142.6#
145	0.0	16.7	50.1#

