

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022643.D
 Acq On : 10 Jun 2021 14:57
 Operator : JC/MD
 Sample : M2620-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 11 06:44:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

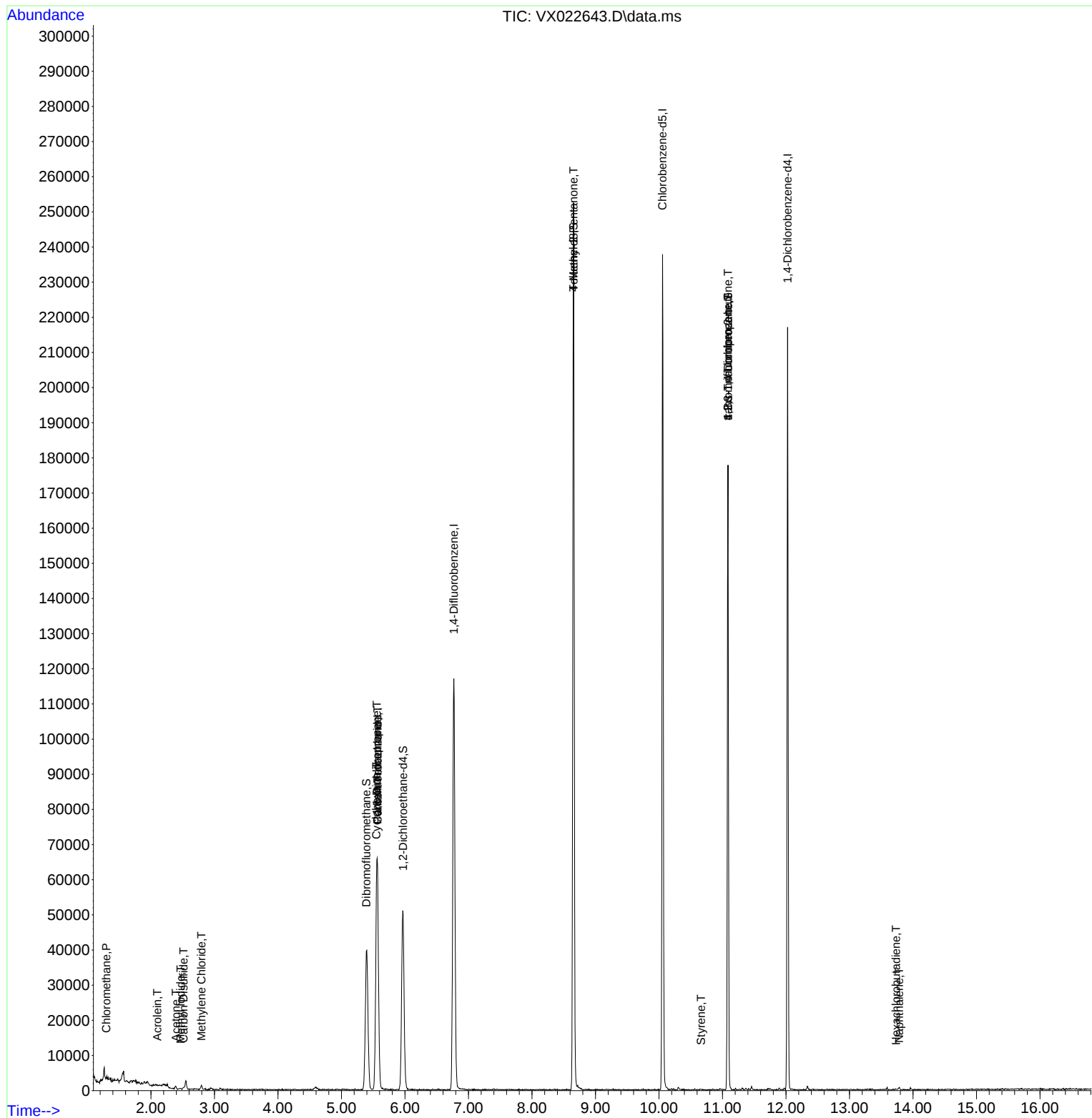
Internal Standards						
1) Pentafluorobenzene	5.568	168	57036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	113853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	47537	46.342	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.680%		
35) Dibromofluoromethane	5.391	113	34095	46.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	8.653	98	141410	49.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.760%		
62) 4-Bromofluorobenzene	11.085	95	46350	42.798	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.600%		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	220	0.272	ug/l	92
10) Methyl Iodide	2.465	142	267	0.341	ug/l #	85
13) Acrolein	2.099	56	21	0.211	ug/l #	64
16) Acetone	2.392	43	752	1.637	ug/l	90
17) Carbon Disulfide	2.514	76	459	0.295	ug/l #	75
20) Methylene Chloride	2.794	84	548	0.342	ug/l #	88
31) Cyclohexane	5.550	56	1612	1.303	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	5887	5.190	ug/l #	47
38) Carbon Tetrachloride	5.568	117	6735	6.941	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	898	0.621	ug/l #	1
70) Styrene	10.659	104	146	1.512	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	25871	26.195	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	25871	65.668	ug/l #	12
94) Hexachlorobutadiene	13.731	225	52	0.200	ug/l #	19
95) Naphthalene	13.780	128	755	1.706	ug/l #	75

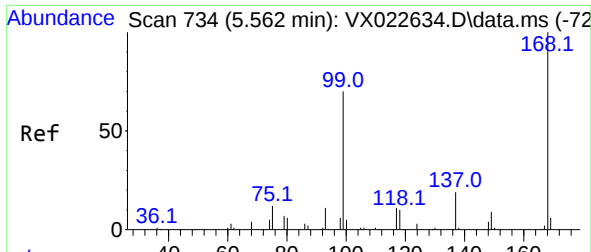
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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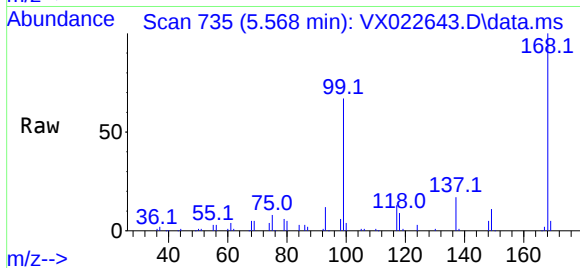
Quant Time: Jun 11 06:44:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
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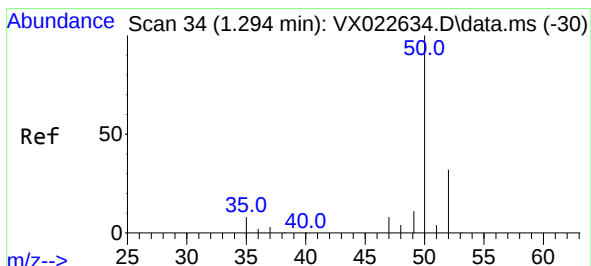
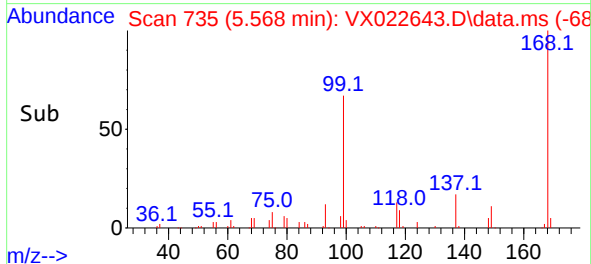
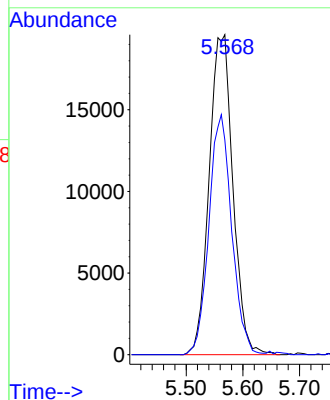


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

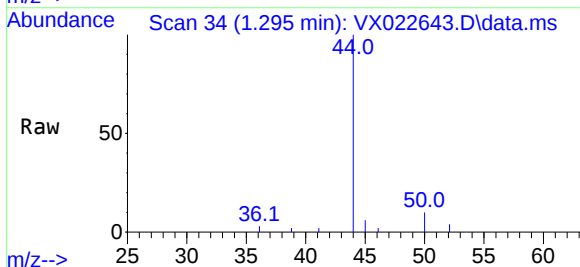
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



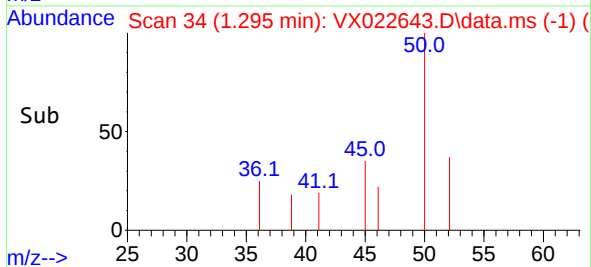
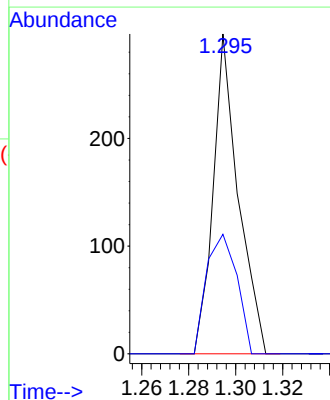
Tgt Ion:168 Resp: 57036
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6

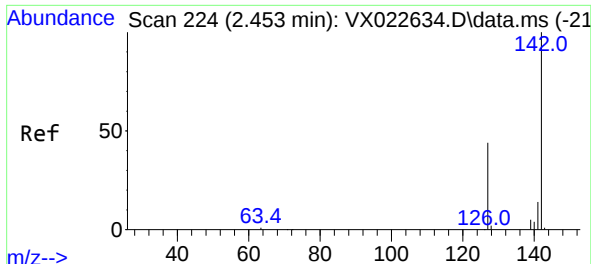


#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57



Tgt Ion: 50 Resp: 220
Ion Ratio Lower Upper
50 100
52 37.4 26.4 39.6

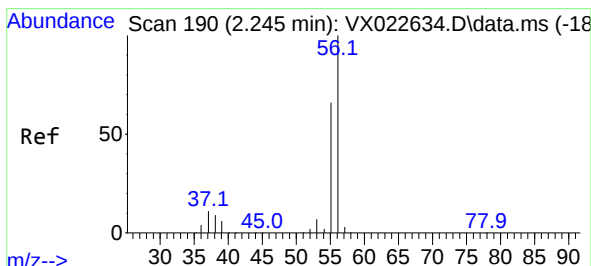
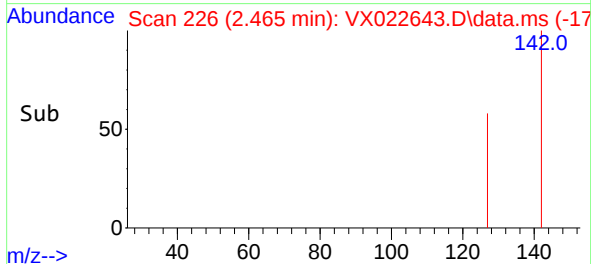
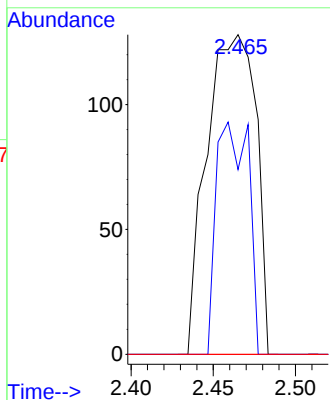
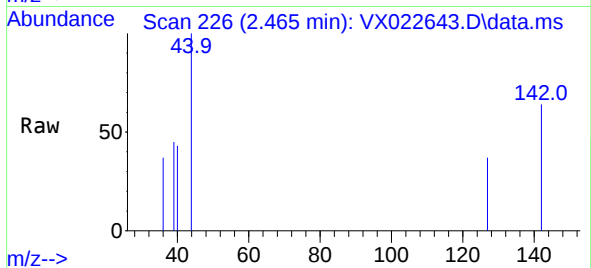




#10
Methyl Iodide
Concen: 0.341 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

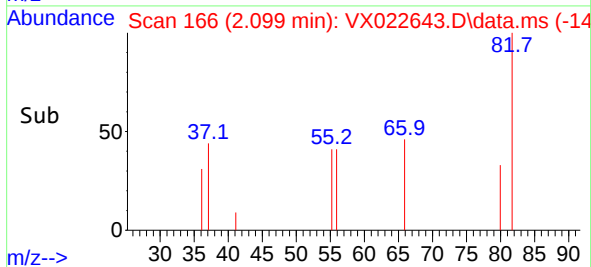
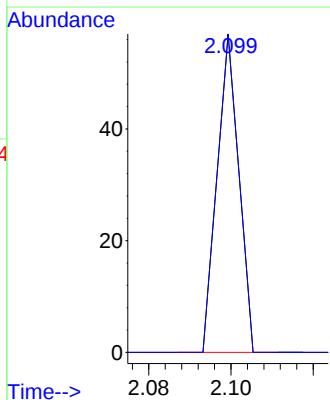
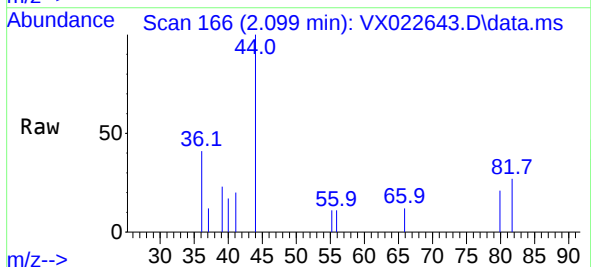
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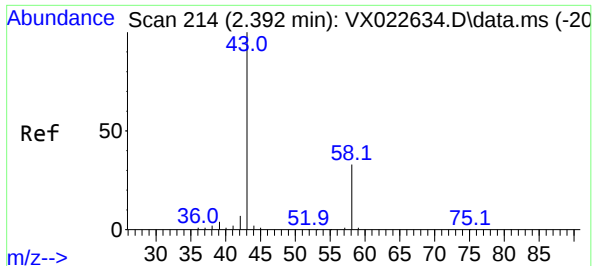
Tgt Ion:142 Resp: 267
Ion Ratio Lower Upper
142 100
127 47.2 33.3 49.9
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.211 ug/l
RT: 2.099 min Scan# 166
Delta R.T. -0.140 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 100.0 56.4 84.6#

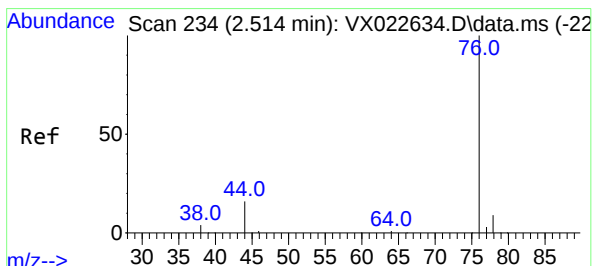
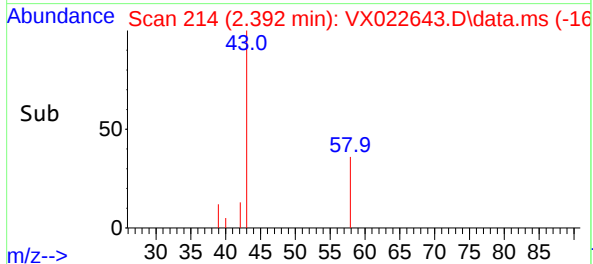
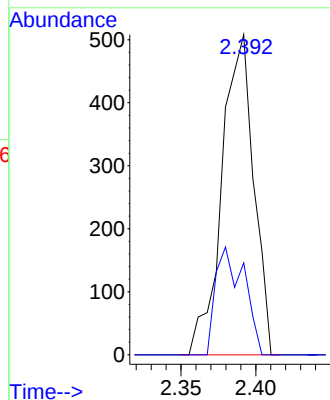
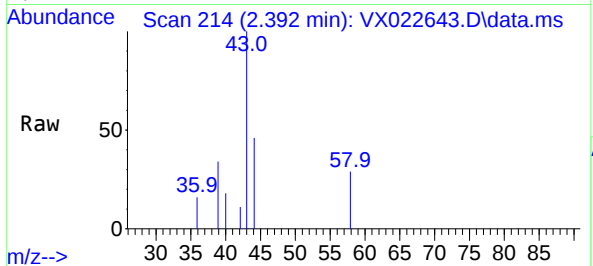




#16
Acetone
Concen: 1.637 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

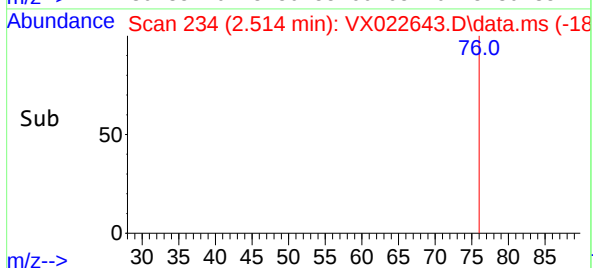
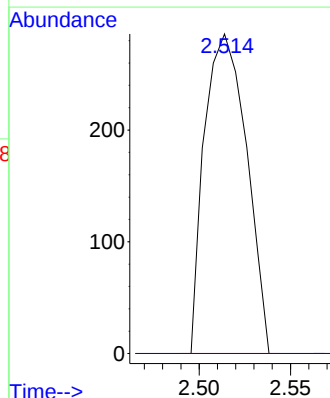
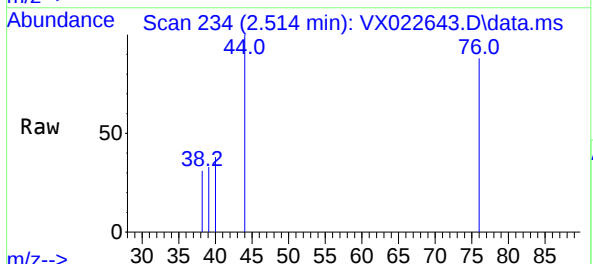
Instrument :
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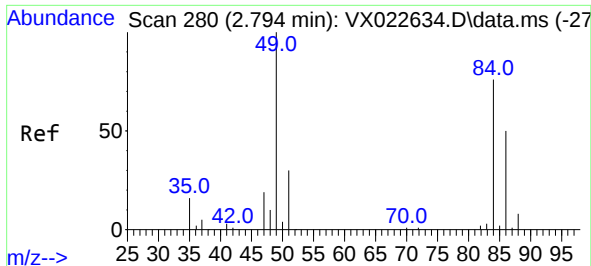
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.295 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

Tgt Ion: 76 Resp: 459
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

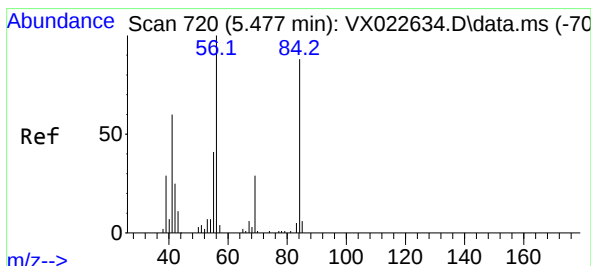
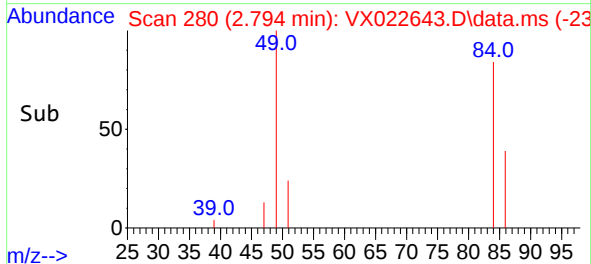
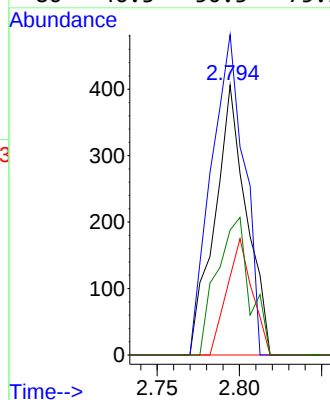
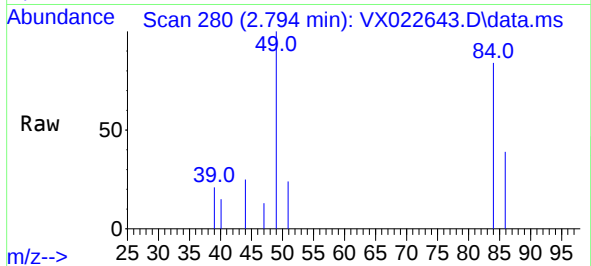




#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

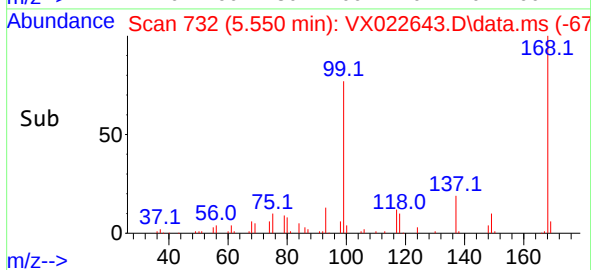
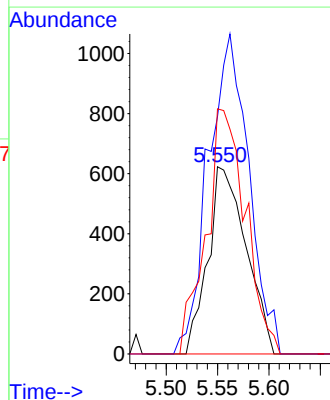
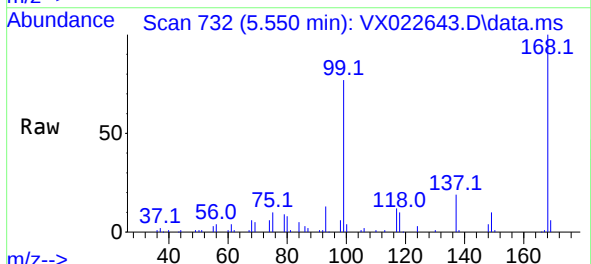
Instrument :
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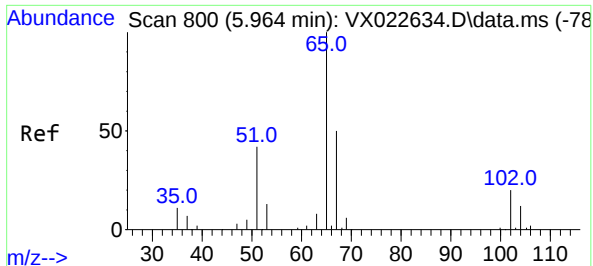
Tgt Ion:	84	Resp:	548
Ion	Ratio	Lower	Upper
84	100		
49	118.7	88.6	132.8
51	29.1	27.0	40.6
86	46.3	50.3	75.5#



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

Tgt Ion:	56	Resp:	1612
Ion	Ratio	Lower	Upper
56	100		
69	126.6	25.3	37.9#
84	131.0	71.4	107.0#



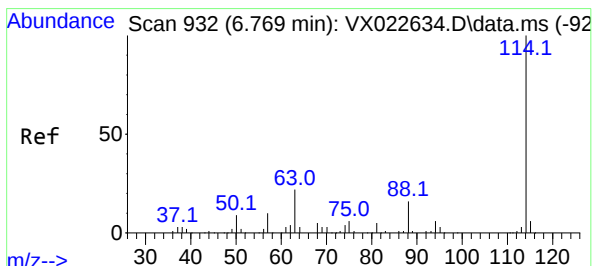
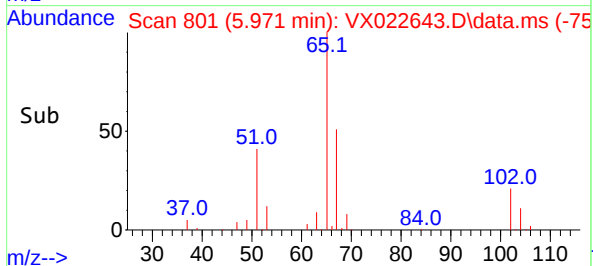
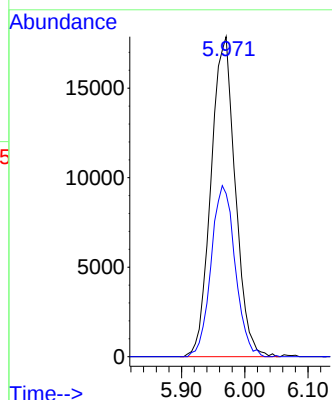
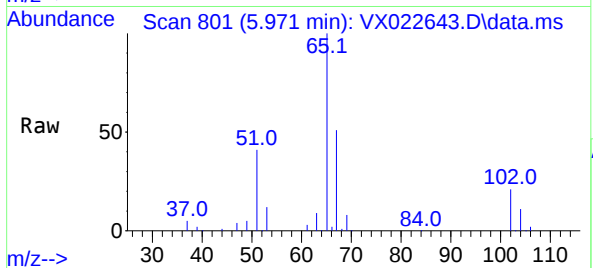


#33

1,2-Dichloroethane-d4
Concen: 46.342 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

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

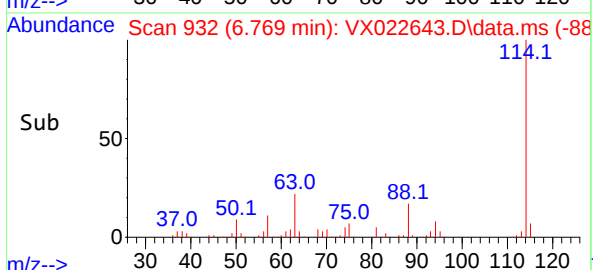
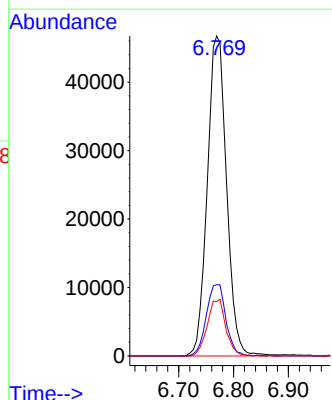
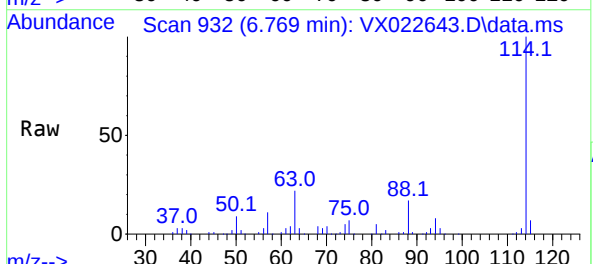
Tgt Ion: 65 Resp: 47537
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

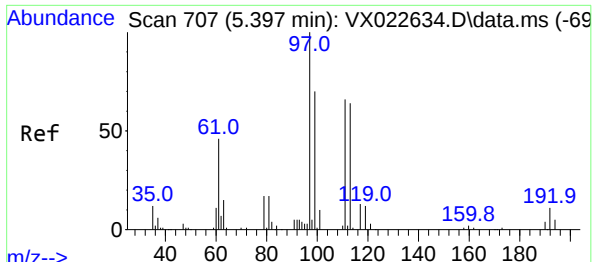


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

Tgt Ion: 114 Resp: 113853
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.0 0.0 32.8

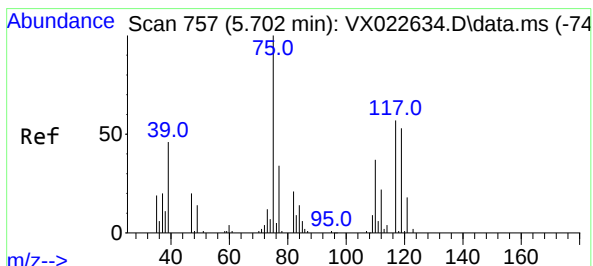
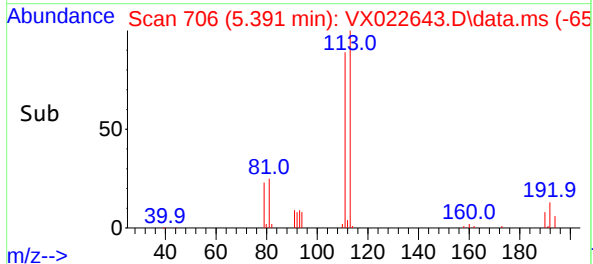
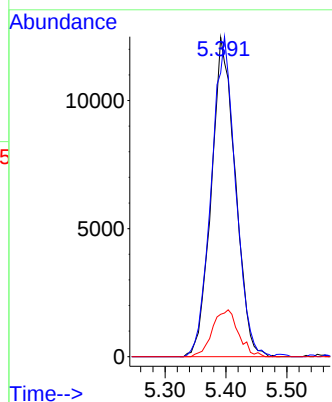
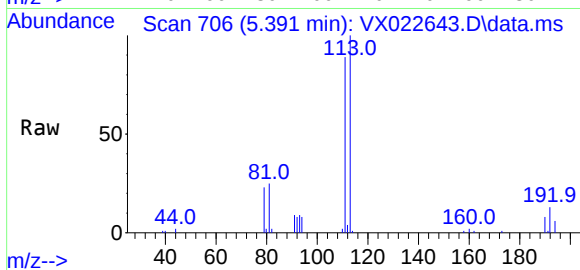




#35
Dibromofluoromethane
Concen: 46.936 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

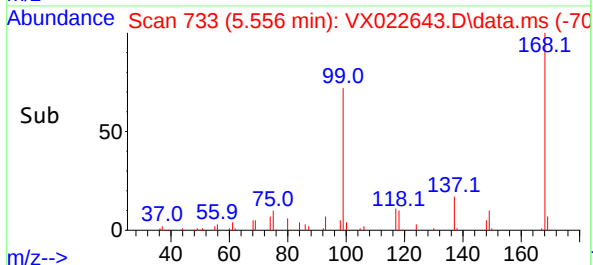
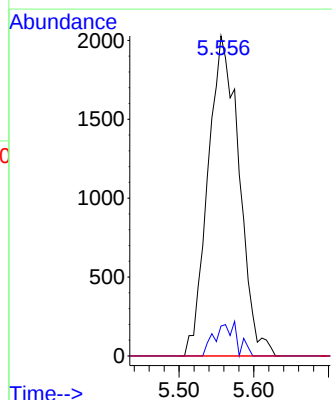
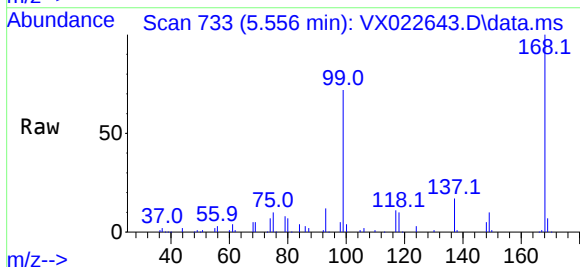
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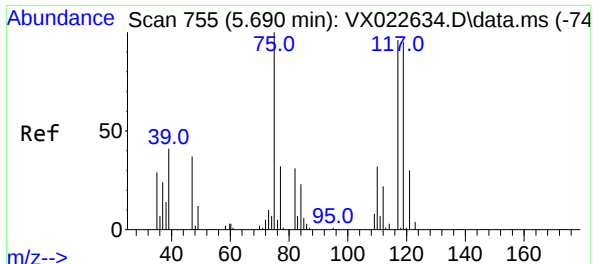
Tgt Ion:	113	Resp:	34095
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	15.9	16.7	25.1#



#36
1,1-Dichloropropene
Concen: 5.190 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

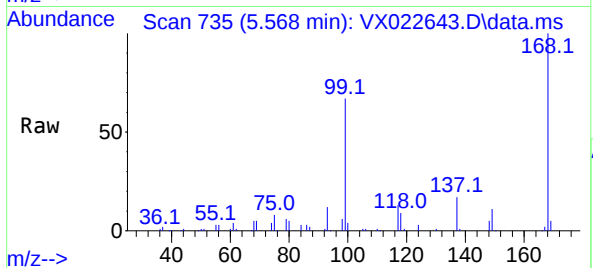
Tgt Ion:	75	Resp:	5887
Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.4#
77	0.0	25.3	37.9#



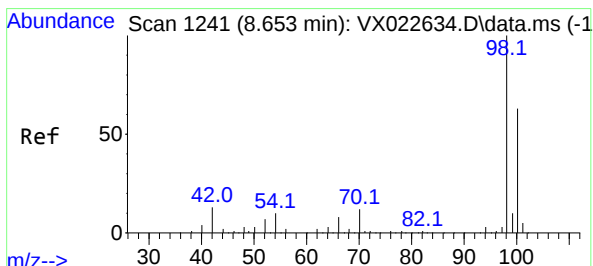
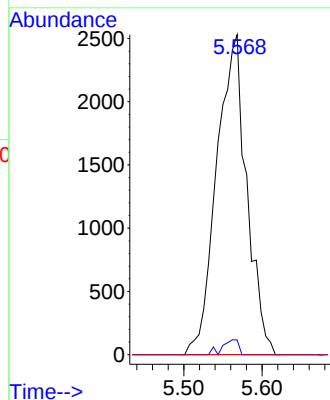
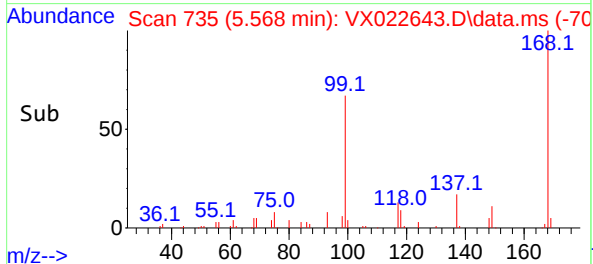


#38
Carbon Tetrachloride
Concen: 6.941 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

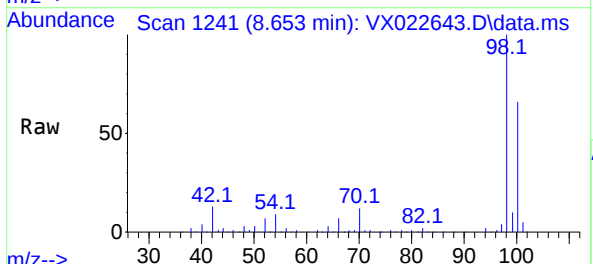
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



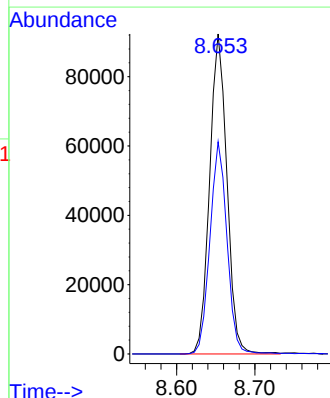
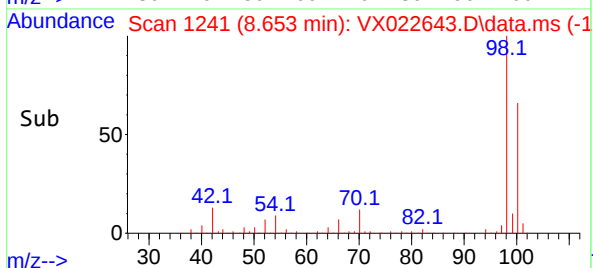
Tgt Ion:117 Resp: 6735
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

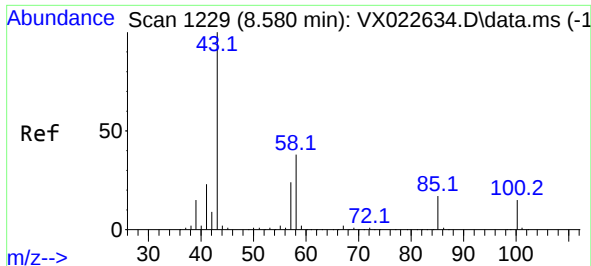


#50
Toluene-d8
Concen: 49.383 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57



Tgt Ion: 98 Resp: 141410
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

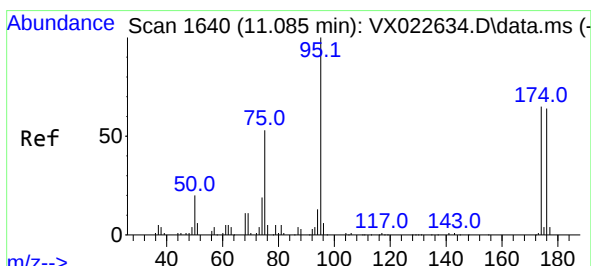
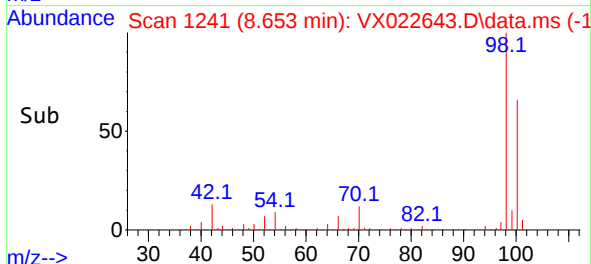
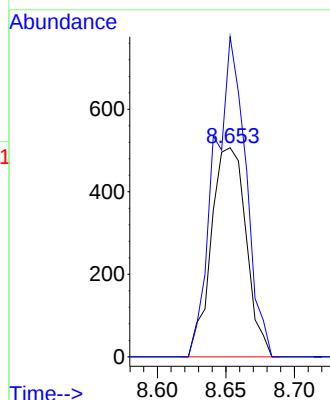
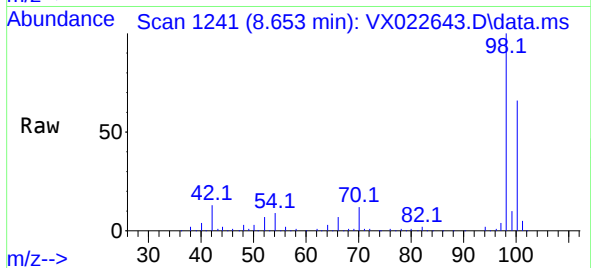




#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

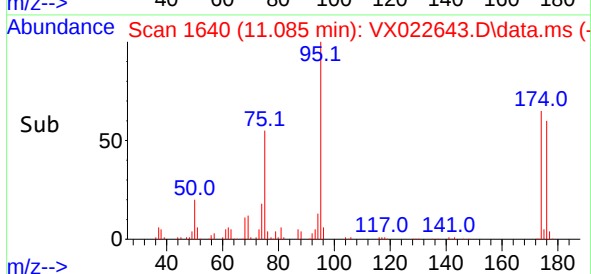
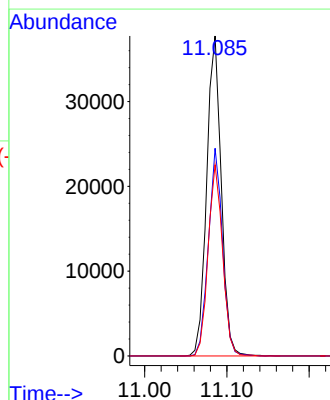
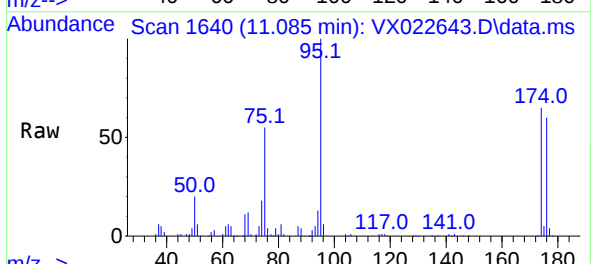
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

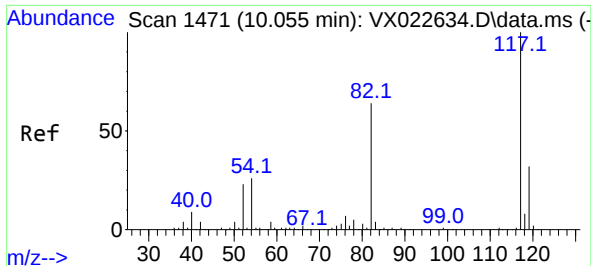
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 138.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 42.798 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

Tgt Ion: 95 Resp: 46350
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 59.3 0.0 155.8

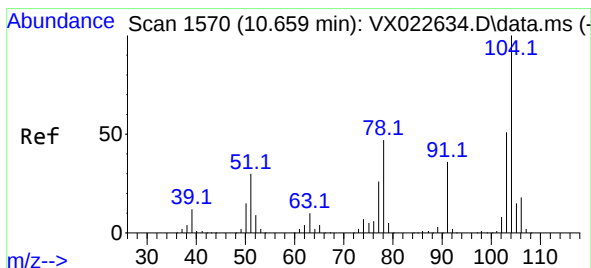
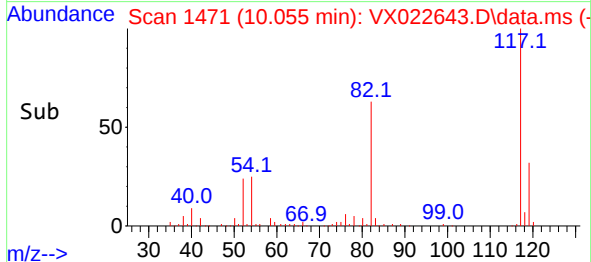
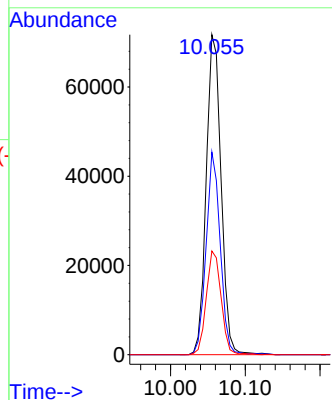
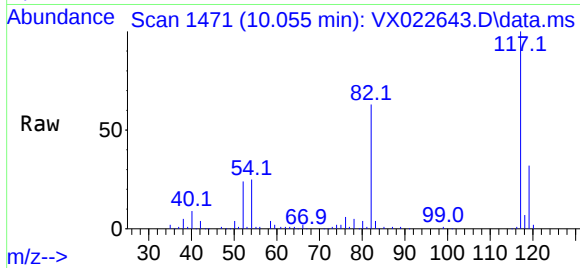




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

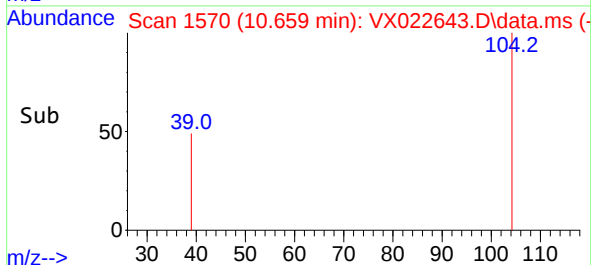
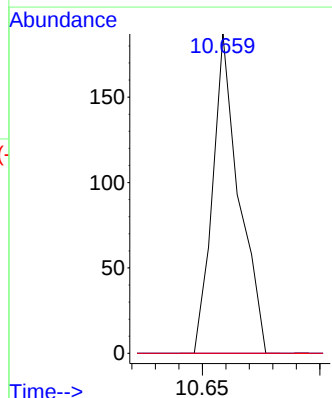
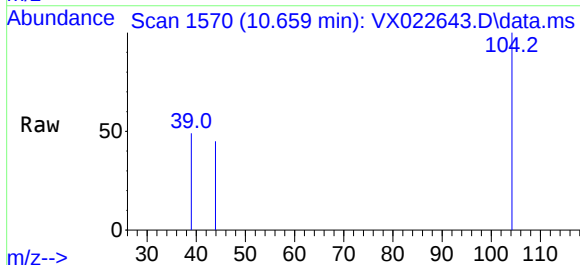
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

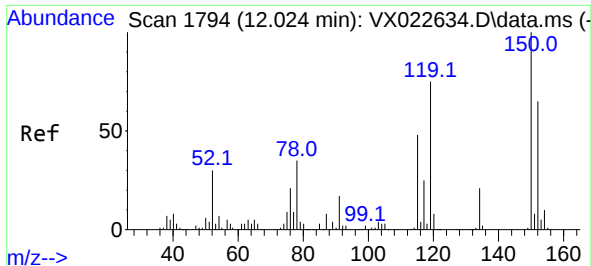
Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.3	47.4	71.2
119	32.4	26.6	39.8



#70
Styrene
Concen: 1.512 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	0.0	43.4	65.0#

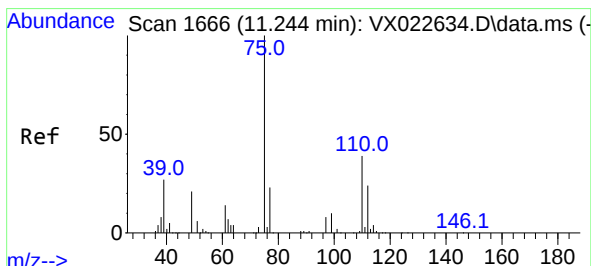
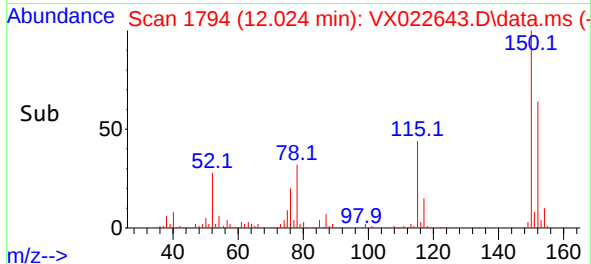
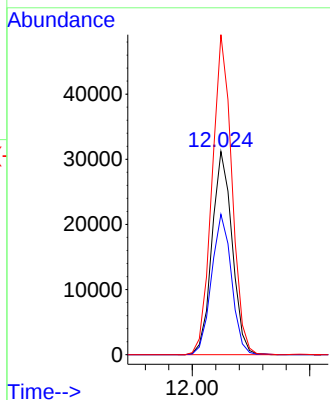
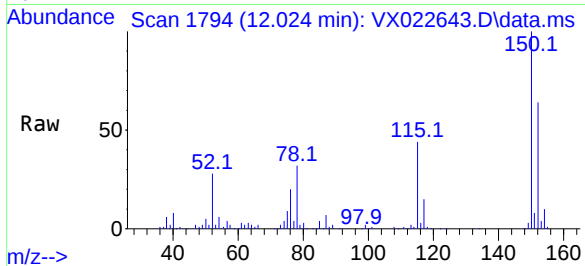




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

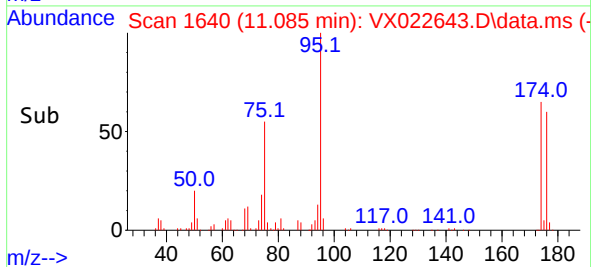
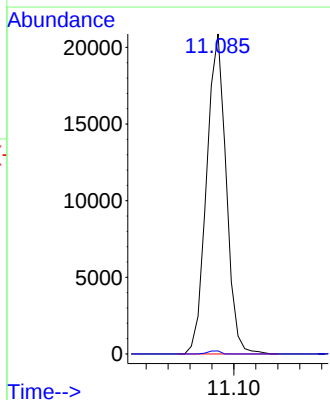
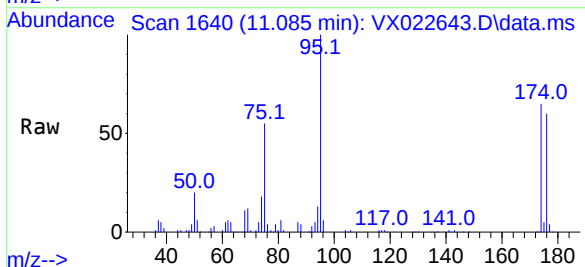
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

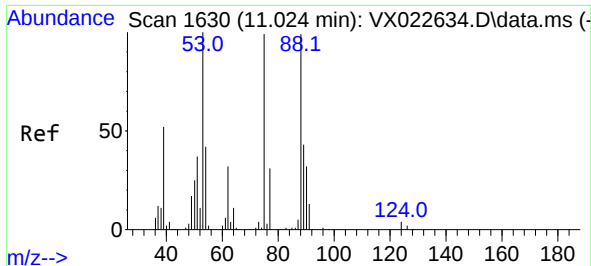
Tgt Ion:152 Resp: 37250
Ion Ratio Lower Upper
152 100
115 68.4 41.1 123.3
150 154.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.195 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

Tgt Ion: 75 Resp: 25871
Ion Ratio Lower Upper
75 100
77 0.6 19.1 57.5#

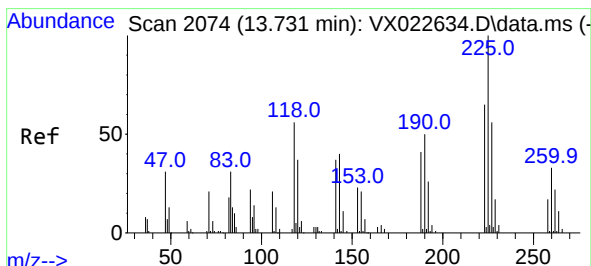
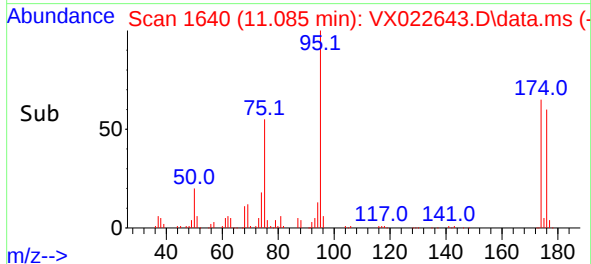
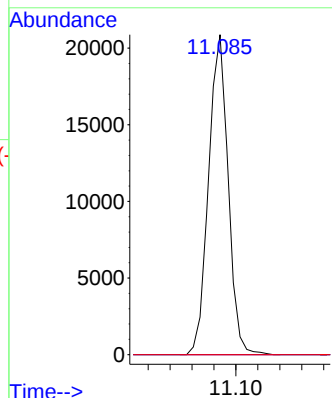
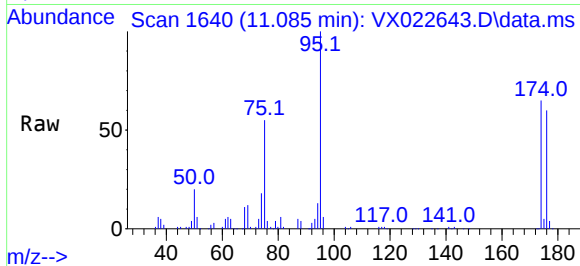




#81
trans-1,4-Dichloro-2-butene
Concen: 65.668 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

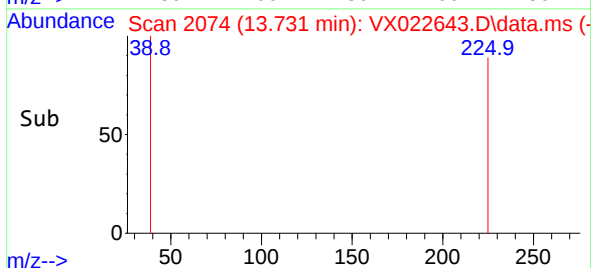
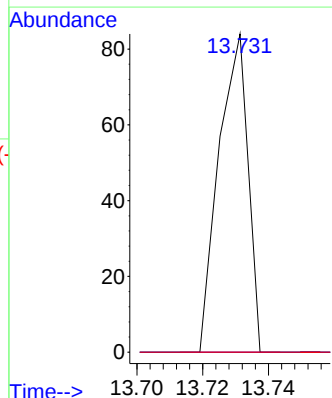
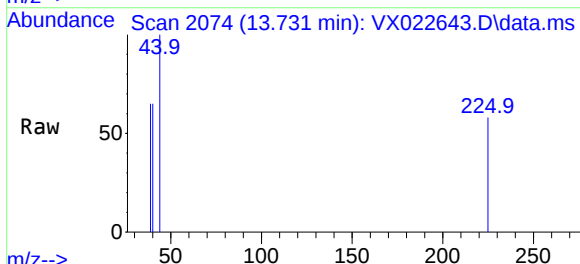
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

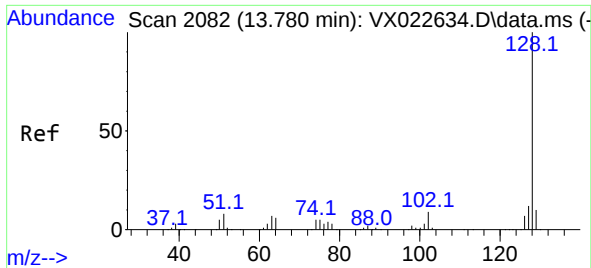
Tgt Ion: 75 Resp: 25871
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.200 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

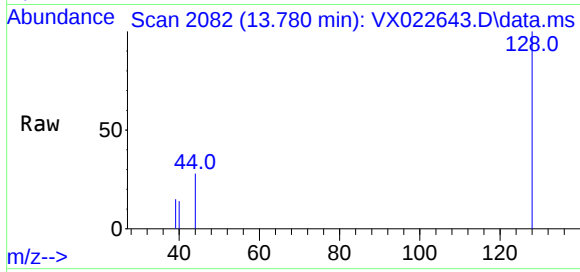
Tgt Ion: 225 Resp: 52
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#





#95
Naphthalene
Concen: 1.706 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022643.D
Acq: 10 Jun 2021 14:57

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



Tgt Ion:	128	Resp:	755
Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.3	15.5#
129	0.0	8.8	13.2#

