

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022151.D
 Acq On : 24 May 2021 16:36
 Operator : JC/MD
 Sample : M2497-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 25 02:07:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

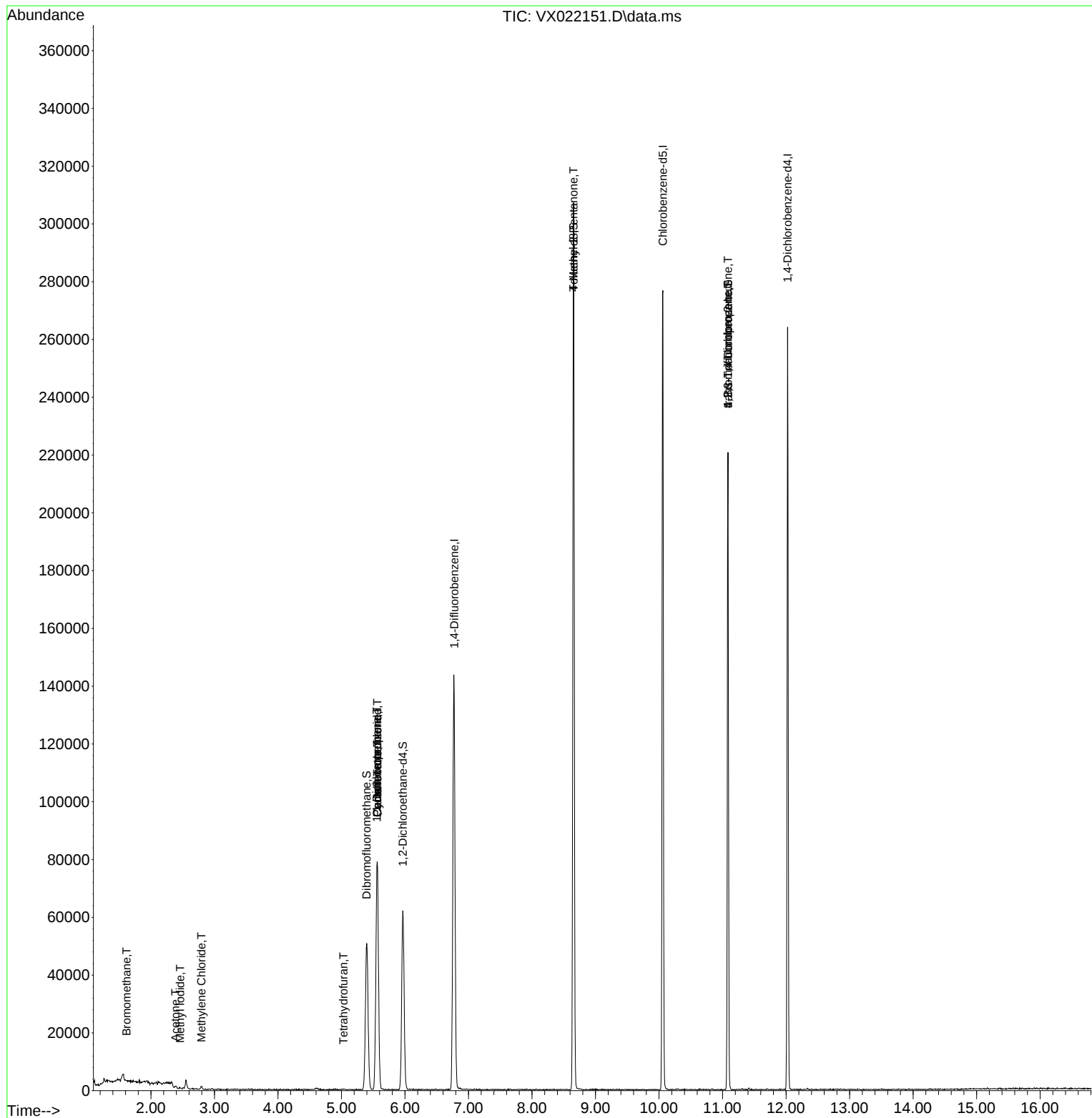
Internal Standards						
1) Pentafluorobenzene	5.562	168	69597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	145833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	125550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57111	53.20	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.40%
35) Dibromofluoromethane	5.397	113	44179	47.77	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.54%
50) Toluene-d8	8.653	98	175125	49.16	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.32%
62) 4-Bromofluorobenzene	11.085	95	61403	46.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.26%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	268	0.48	ug/l #	69
10) Methyl Iodide	2.459	142	343	0.39	ug/l #	83
16) Acetone	2.386	43	975	2.09	ug/l #	78
20) Methylene Chloride	2.794	84	480	0.46	ug/l #	83
29) Tetrahydrofuran	5.032	42	162	0.36	ug/l #	27
31) Cyclohexane	5.562	56	1727	1.28	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	6479	4.80	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7891	5.98	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	741	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31479	26.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	31479	61.64	ug/l #	12

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

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STORAGE-BLANK-SOIL-REF-6

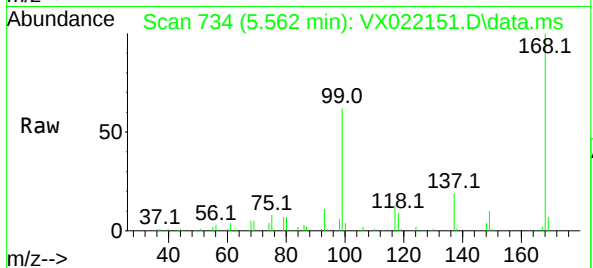
Quant Time: May 25 02:07:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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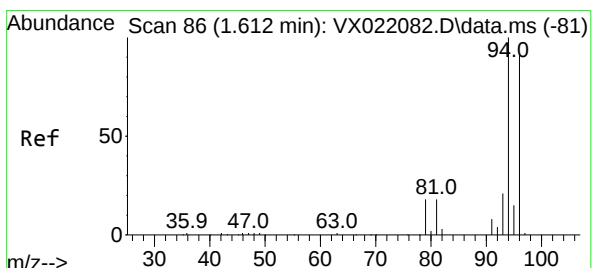
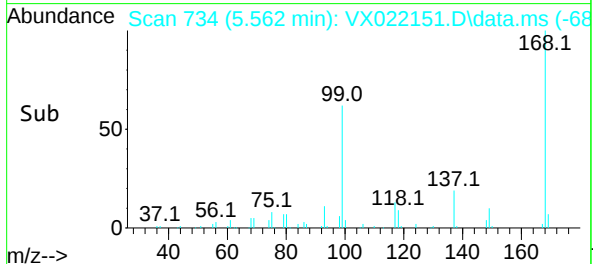
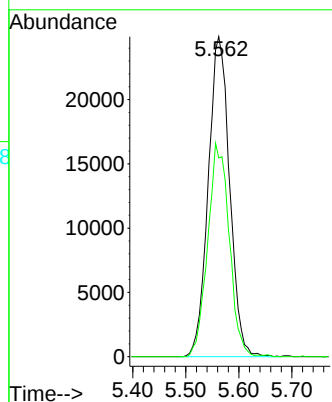


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

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

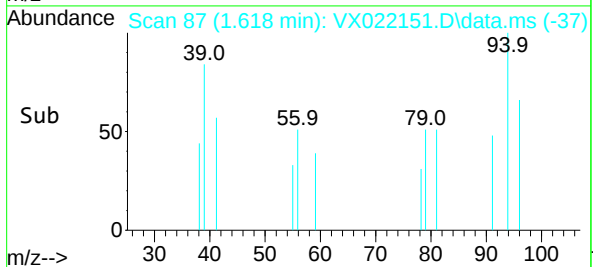
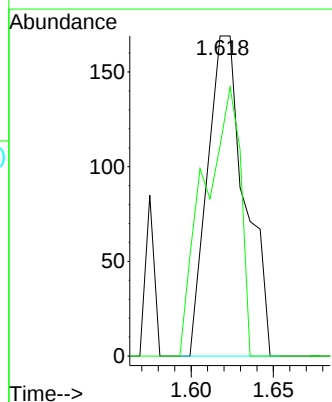
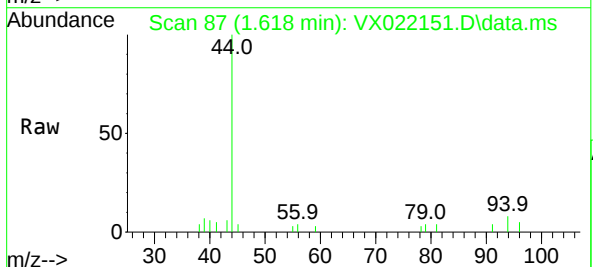


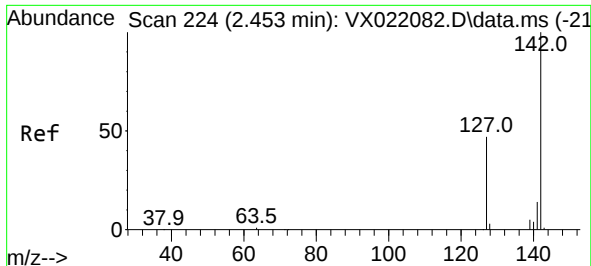
Tgt Ion:168 Resp: 69597
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.6



#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

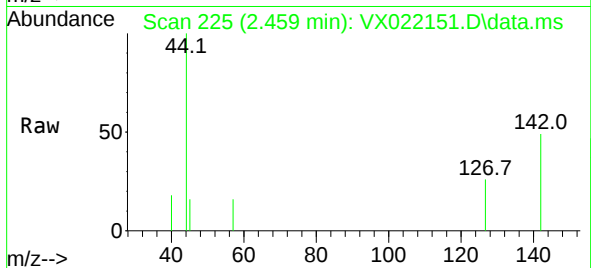
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 65.7 76.4 114.6#



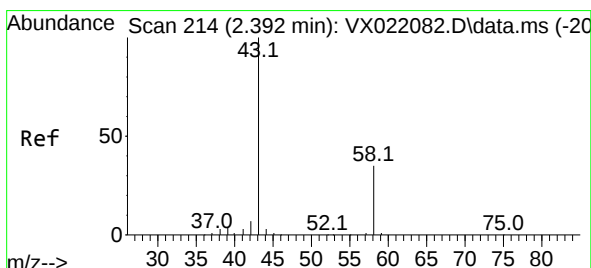
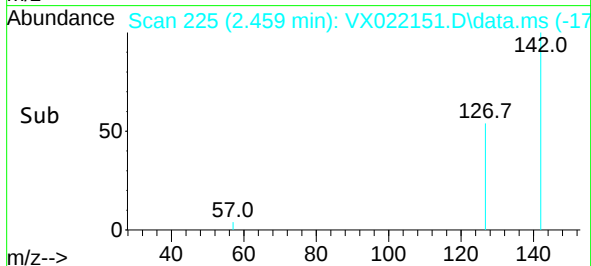
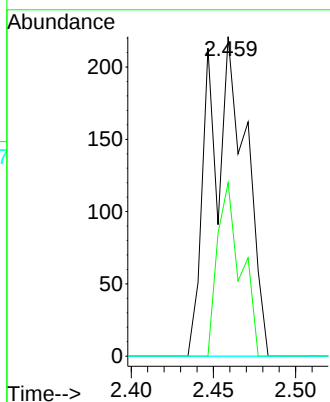


#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

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

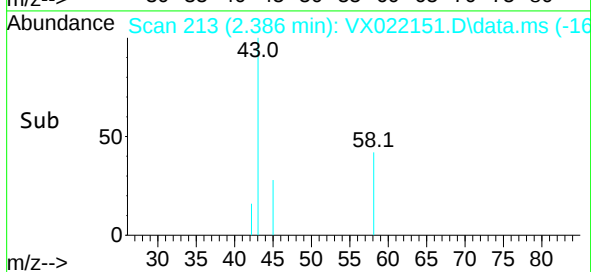
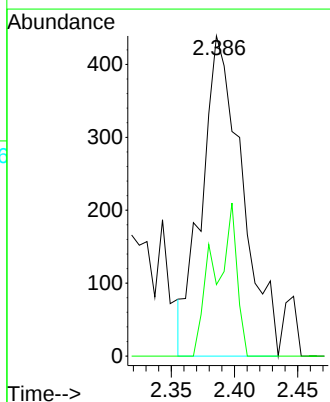
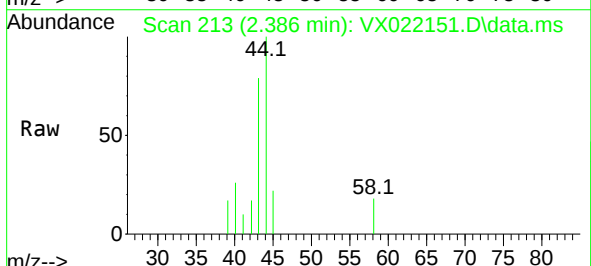


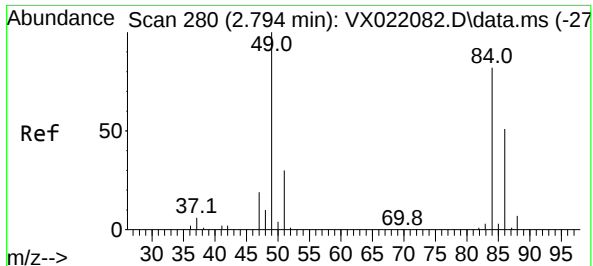
Tgt Ion:142 Resp: 343
Ion Ratio Lower Upper
142 100
127 34.7 33.3 49.9
141 0.0 11.4 17.0#



#16
Acetone
Concen: 2.09 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 22.3 27.8 41.8#





#20

Methylene Chloride

Concen: 0.46 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022151.D

Acq: 24 May 2021 16:36

Tgt Ion: 84 Resp: 480

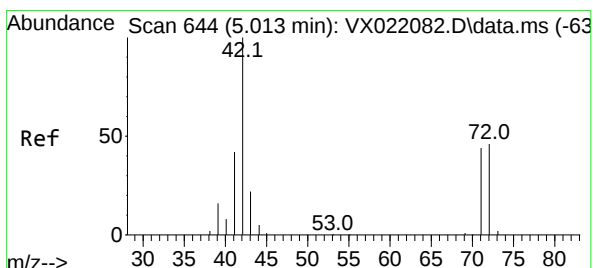
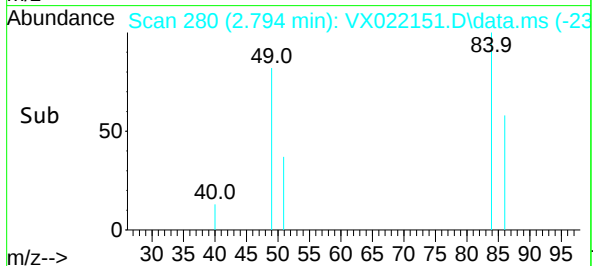
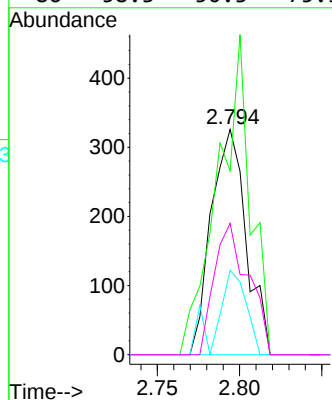
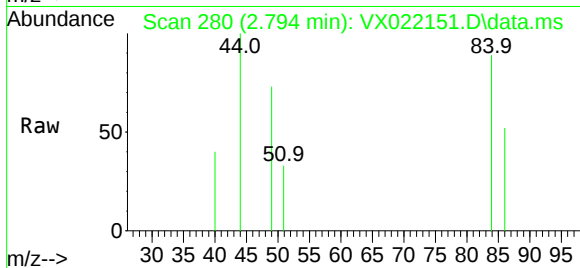
Ion Ratio Lower Upper

84 100

49 81.6 88.6 132.8#

51 37.4 27.0 40.6

86 58.3 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX022151.D

Acq: 24 May 2021 16:36

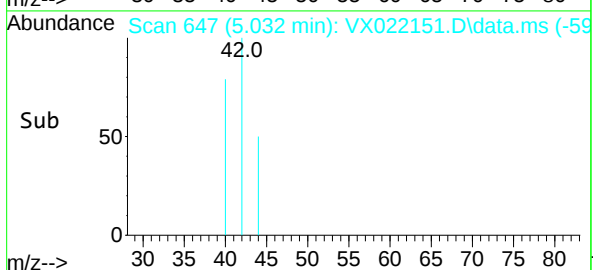
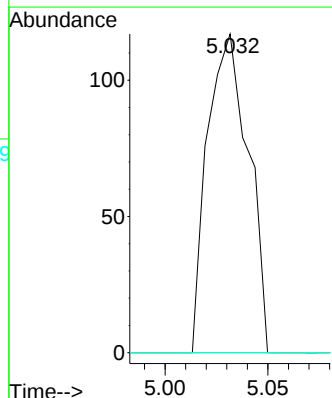
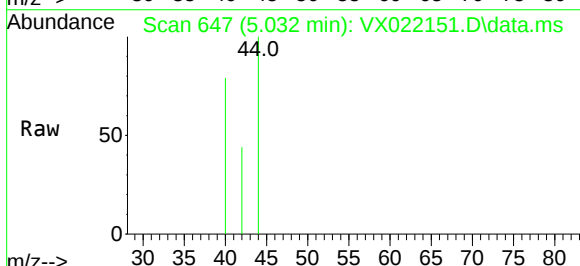
Tgt Ion: 42 Resp: 162

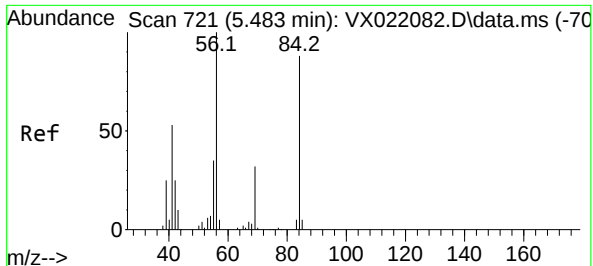
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 38.4 57.6#

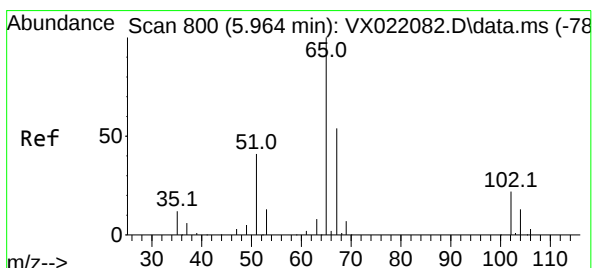
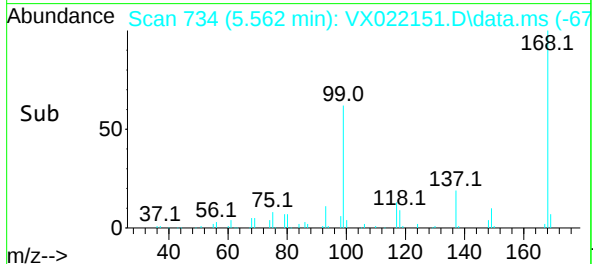
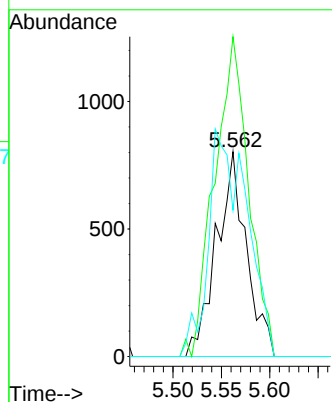
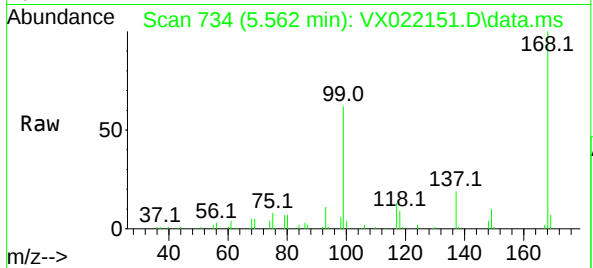




#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

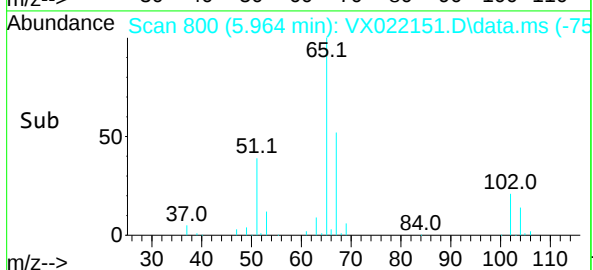
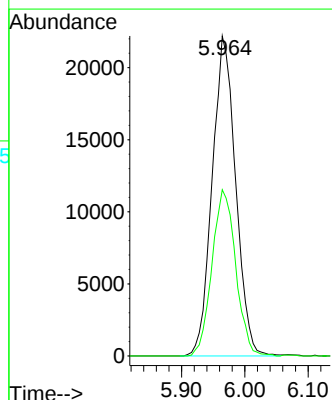
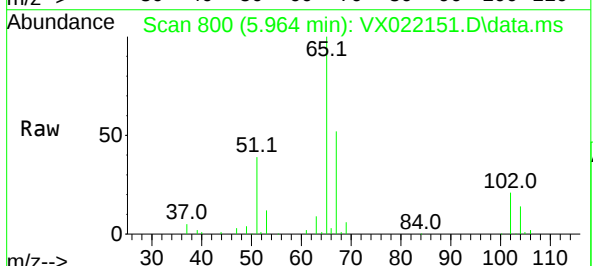
Instrument :
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ClientSampleId :
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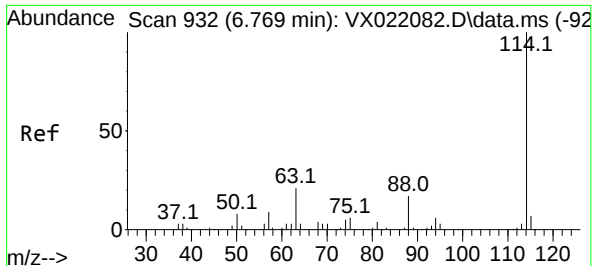
Tgt Ion: 56 Resp: 1727
Ion Ratio Lower Upper
56 100
69 156.2 25.3 37.9#
84 71.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.20 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

Tgt Ion: 65 Resp: 57111
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

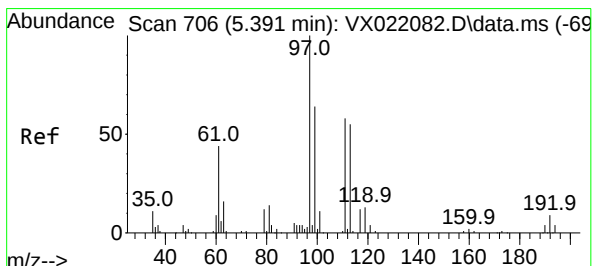
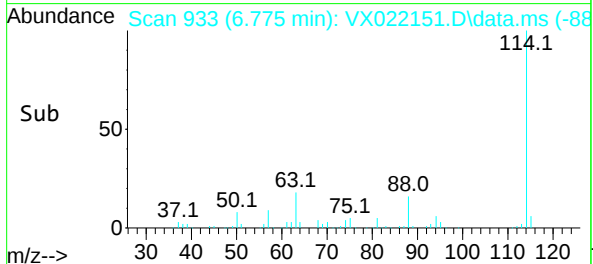
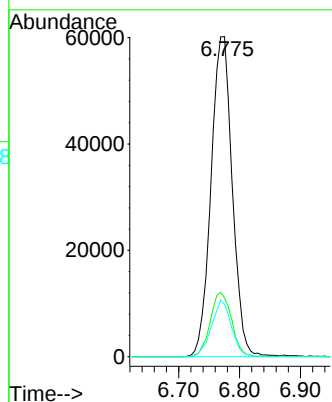
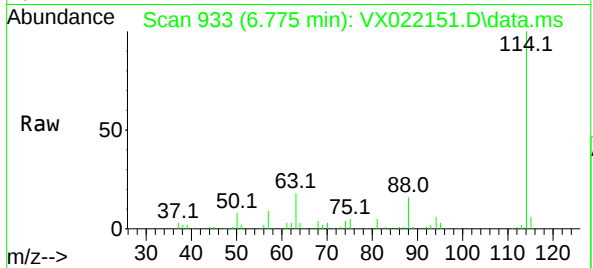




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

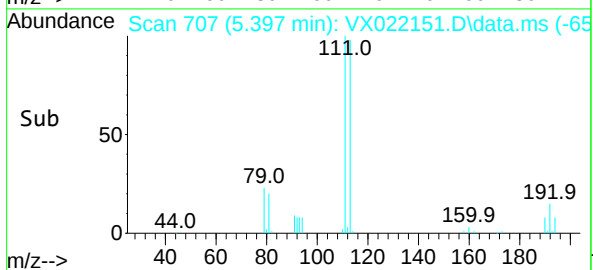
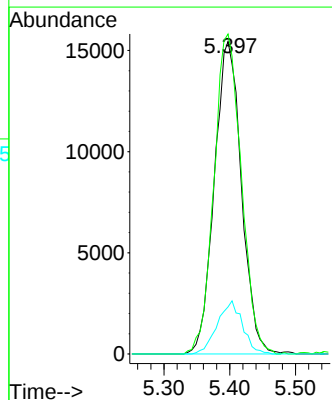
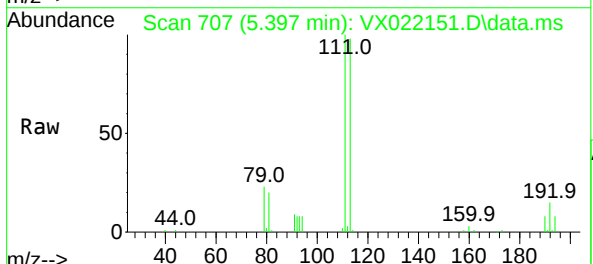
Instrument :
MSVOA_X
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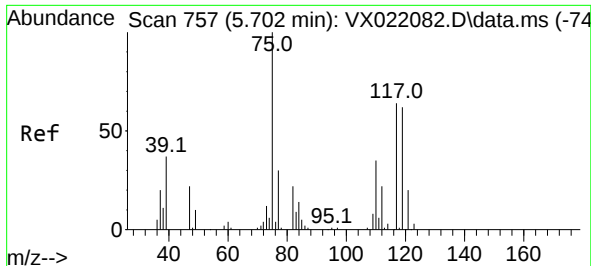
Tgt Ion:114 Resp: 145833
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.77 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

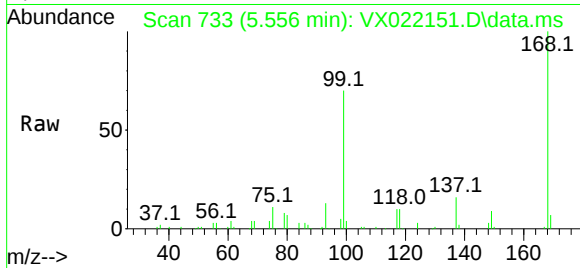
Tgt Ion:113 Resp: 44179
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 15.8 16.7 25.1#



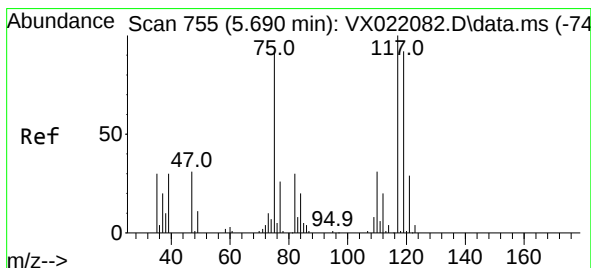
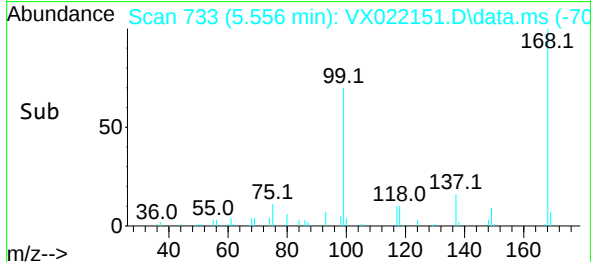
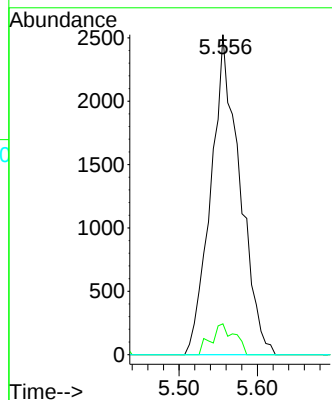


#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

Instrument :
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ClientSampleId :
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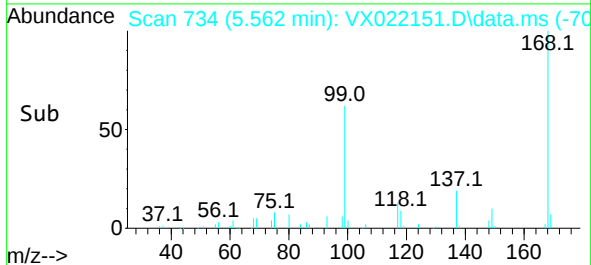
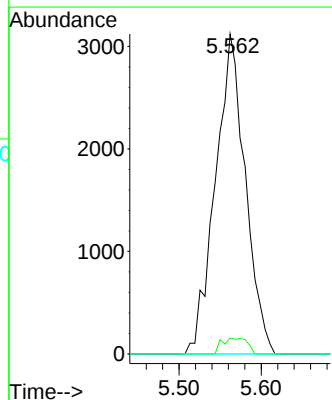
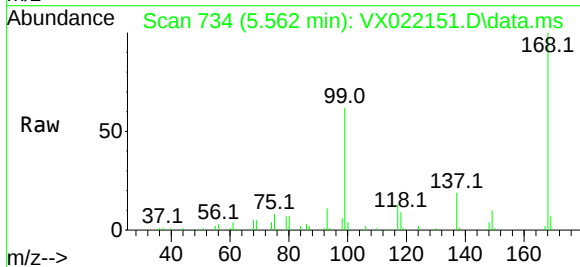


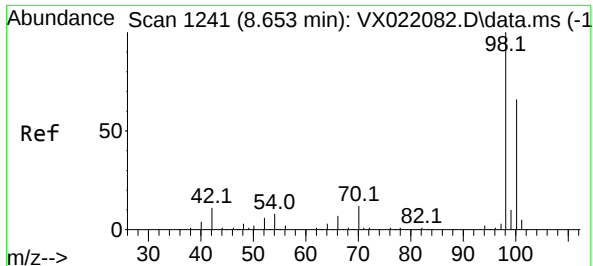
Tgt Ion: 75 Resp: 6479
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

Tgt Ion: 117 Resp: 7891
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

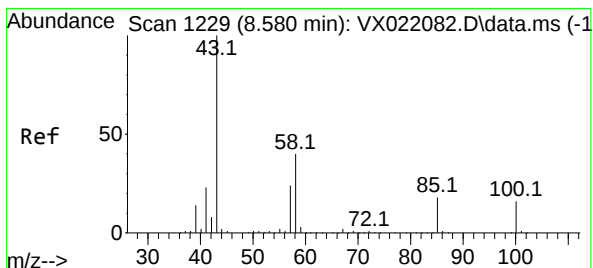
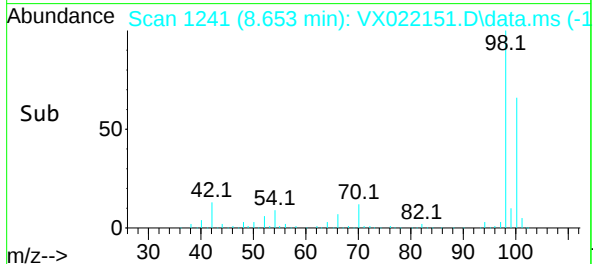
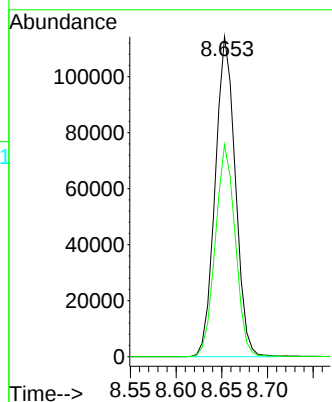
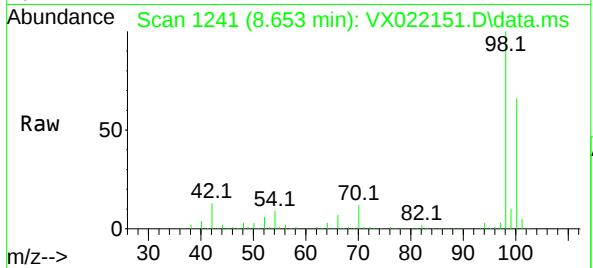




#50
Toluene-d8
Concen: 49.16 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

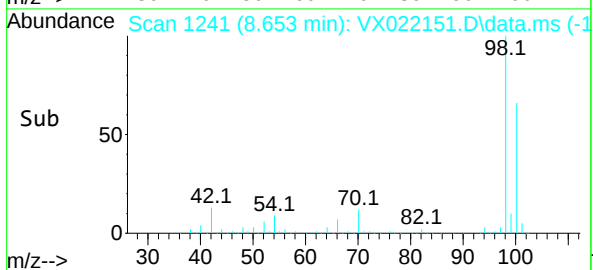
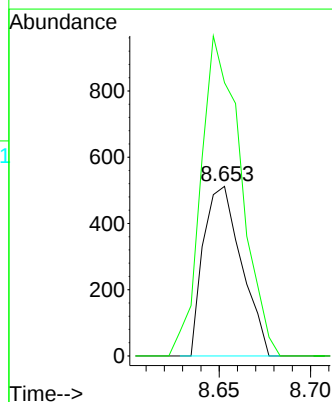
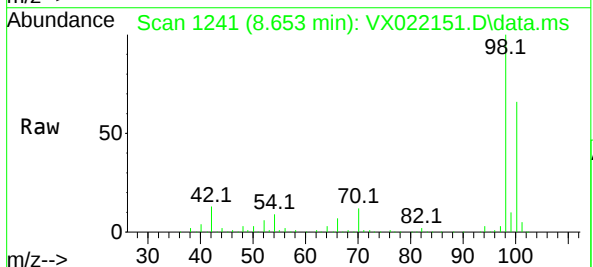
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

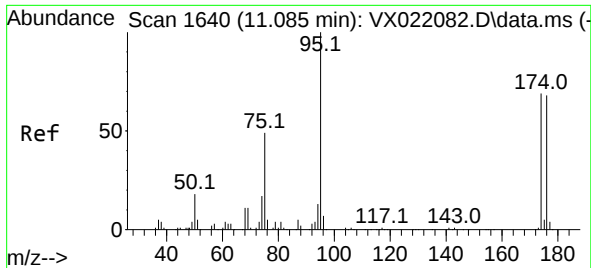
Tgt Ion: 98 Resp: 175125
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 197.8 35.4 53.0#

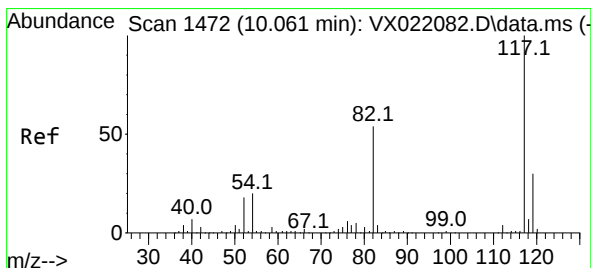
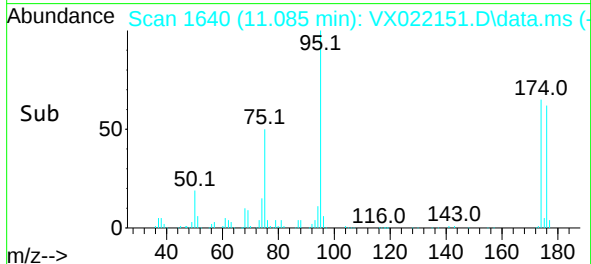
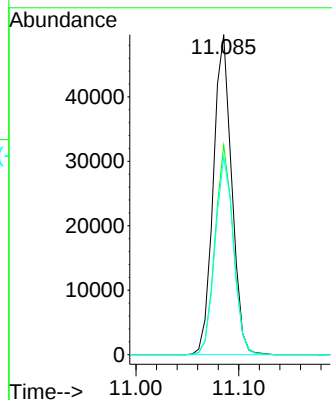
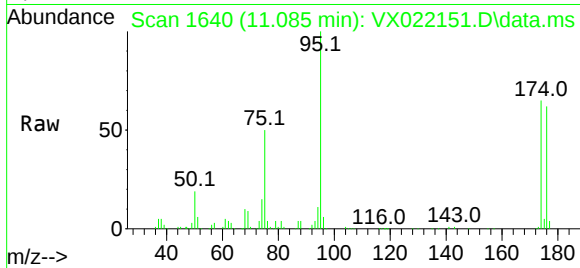




#62
4-Bromofluorobenzene
Concen: 46.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

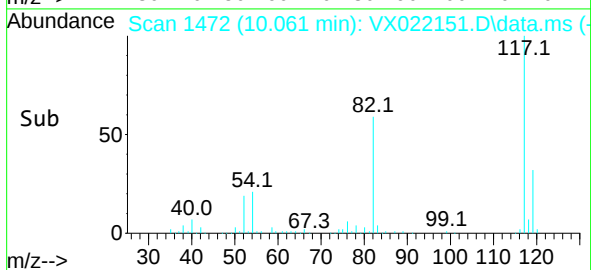
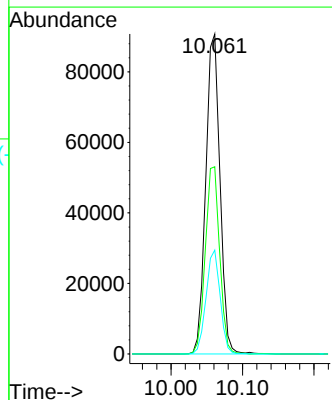
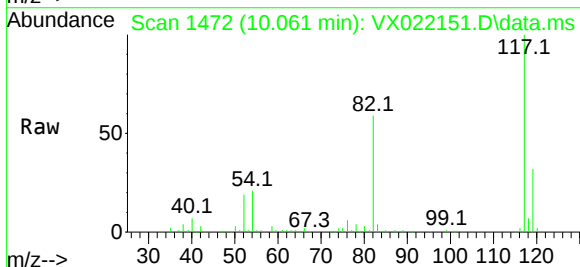
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

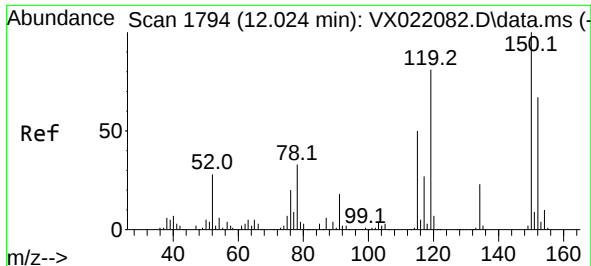
Tgt Ion: 95 Resp: 61403
Ion Ratio Lower Upper
95 100
174 64.7 0.0 154.6
176 62.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

Tgt Ion: 117 Resp: 125550
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.5 26.6 39.8

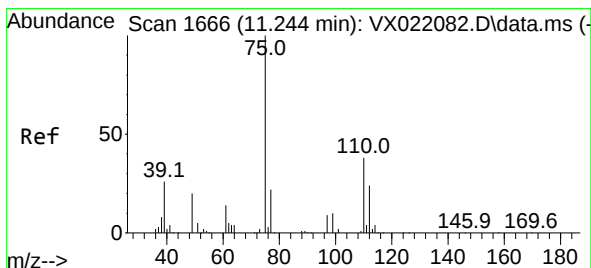
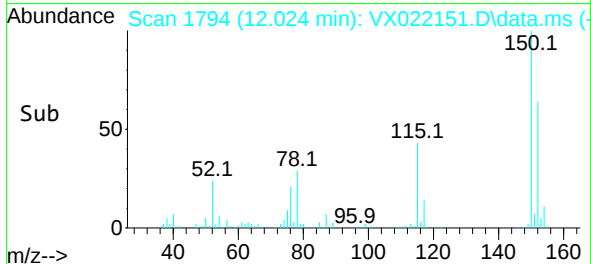
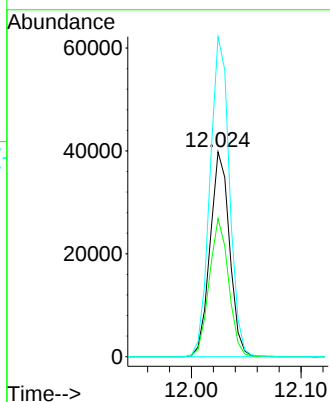
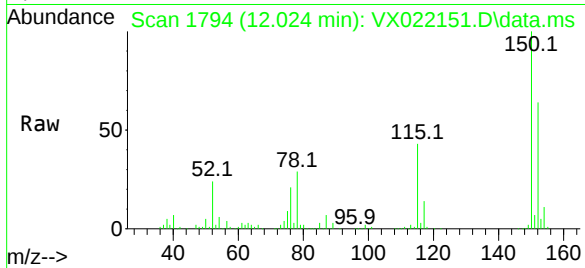




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

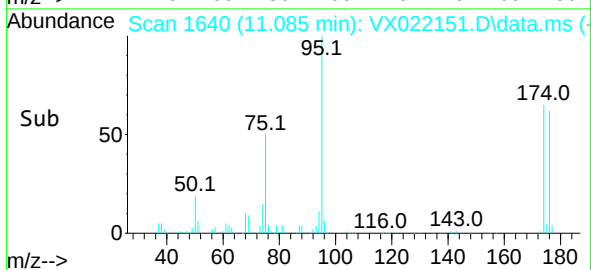
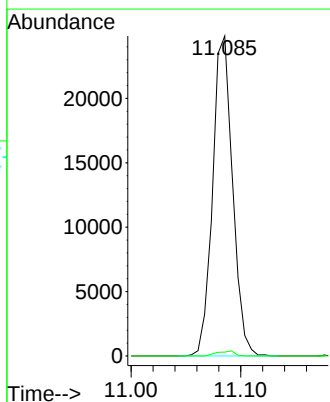
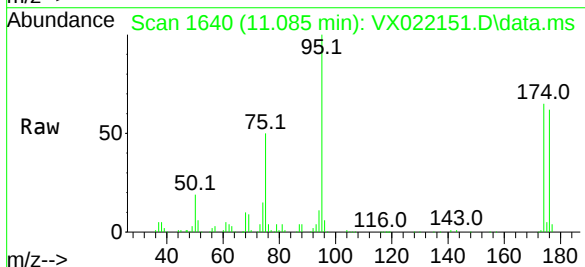
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

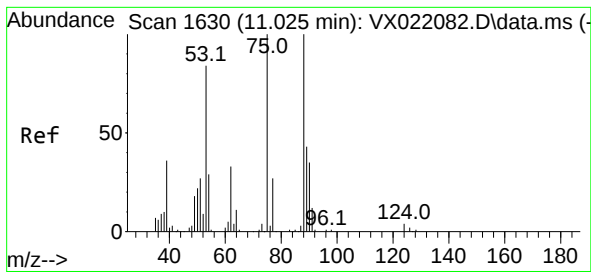
Tgt Ion:152 Resp: 49047
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 156.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.02 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022151.D
Acq: 24 May 2021 16:36

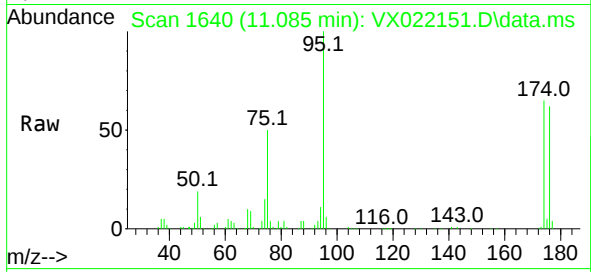
Tgt Ion: 75 Resp: 31479
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.64 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022151.D
 Acq: 24 May 2021 16:36

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



Tgt Ion: 75 Resp: 31479
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

