

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020998.D
 Acq On : 03 Mar 2021 15:20
 Operator : JC/MD
 Sample : M1505-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 04 01:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

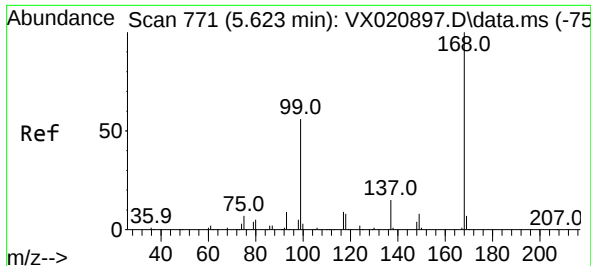
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	216692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	421966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	395055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	165080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	151984	51.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.86%			
35) Dibromofluoromethane	5.464	113	132051	51.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.02%			
50) Toluene-d8	8.694	98	512995	51.32	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.64%			
62) 4-Bromofluorobenzene	11.118	95	177793	48.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.20%			
Target Compounds						
5) Bromomethane	1.611	94	101	Below Cal	#	2
11) Tert butyl alcohol	2.993	59	900	1.38	ug/l #	73
13) Acrolein	2.281	56	112	0.28	ug/l #	83
16) Acetone	2.423	43	1372	1.14	ug/l	100
18) Methyl Acetate	2.746	43	594	0.21	ug/l #	78
20) Methylene Chloride	2.840	84	845	0.29	ug/l	88
31) Cyclohexane	5.623	56	4449	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	17026	4.24	ug/l #	48
38) Carbon Tetrachloride	5.623	117	21597	5.56	ug/l #	16
51) 4-Methyl-2-Pentanone	8.694	43	2155	0.57	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	85760	24.15	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	85760	53.47	ug/l #	12

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

Quant Time: Mar 04 01:04:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

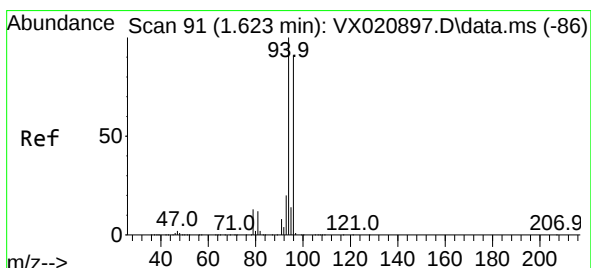
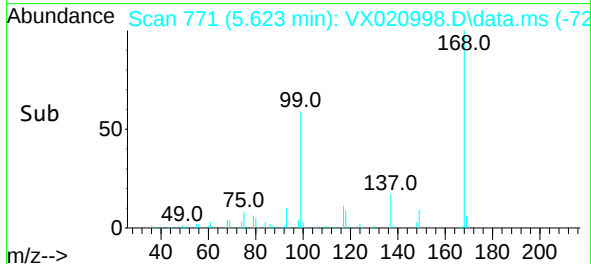
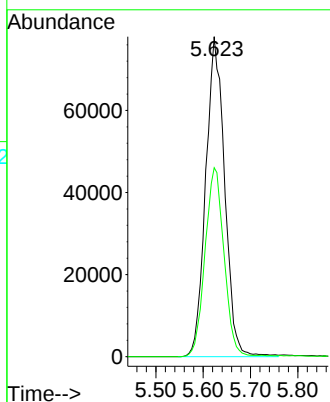
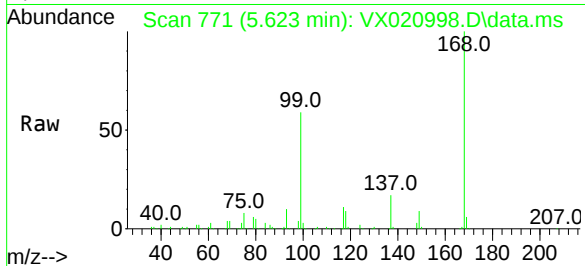




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

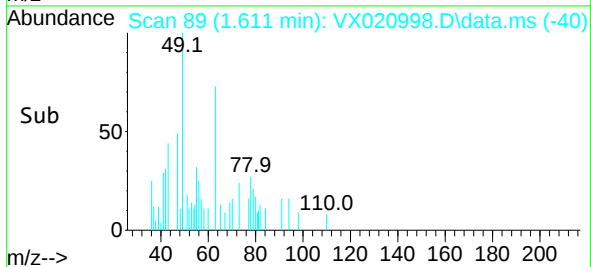
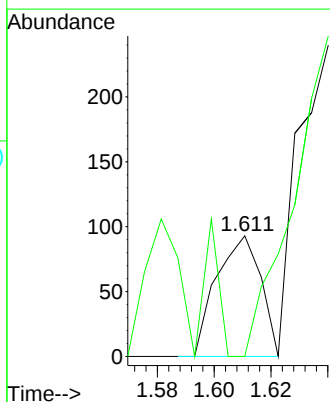
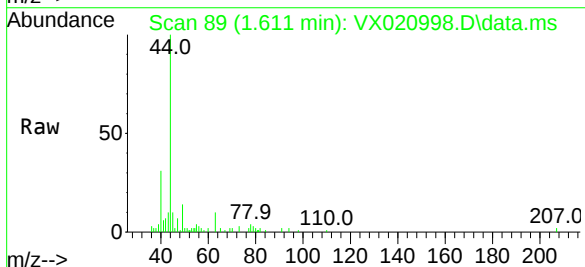
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

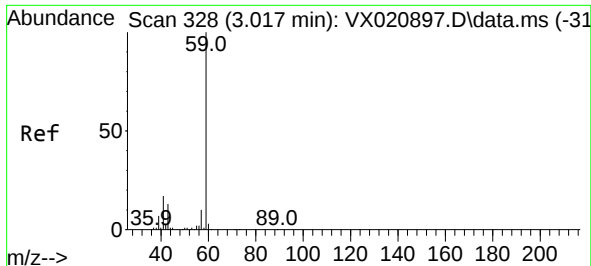
Tgt Ion:168 Resp: 216692
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 89
Delta R.T. -0.012 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

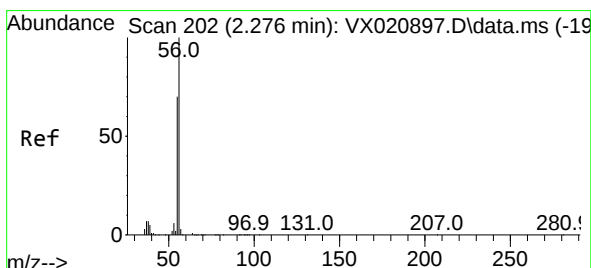
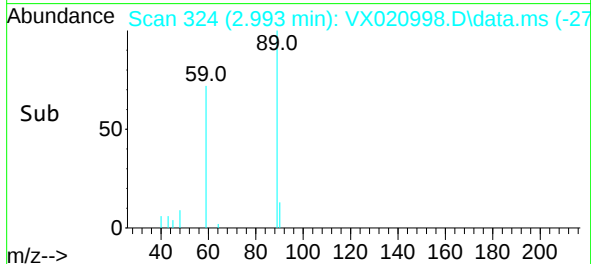
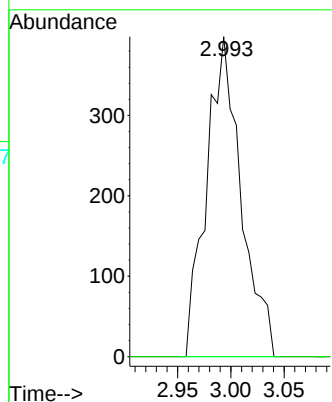
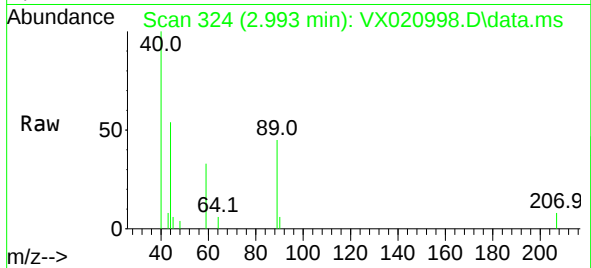




#11
Tert butyl alcohol
Concen: 1.38 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

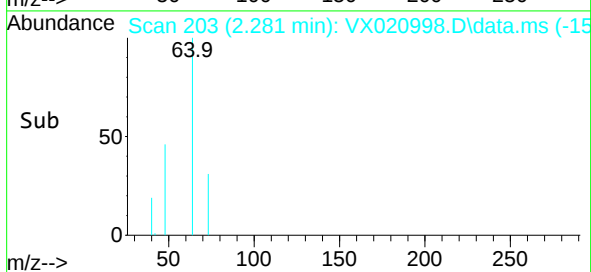
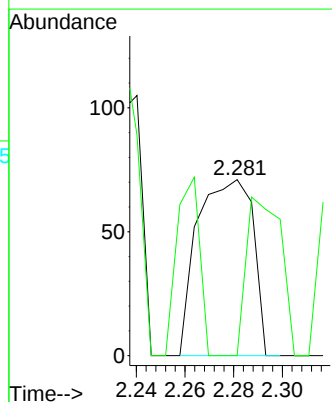
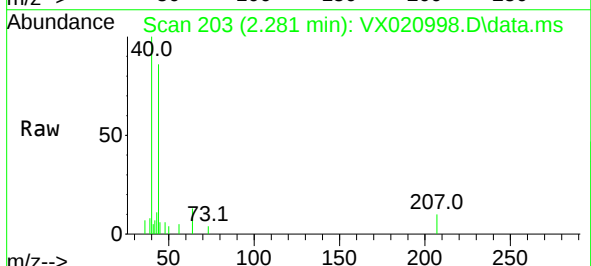
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

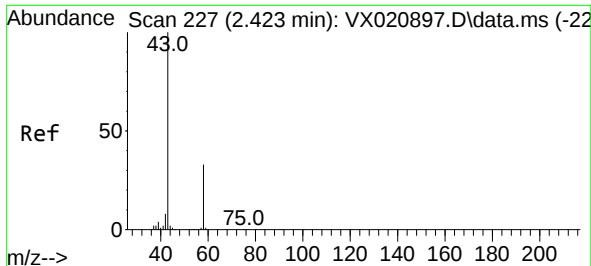
Tgt Ion: 59 Resp: 900
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.28 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 56.3 56.4 84.6#

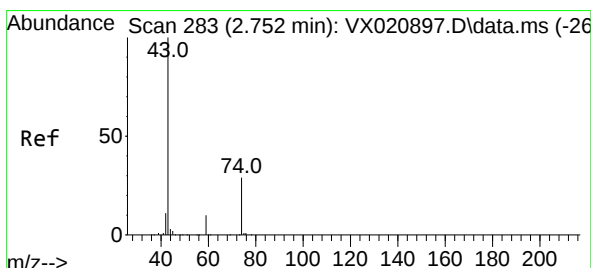
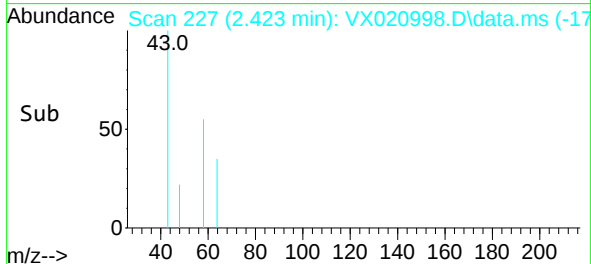
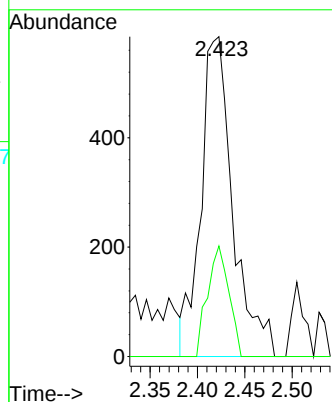
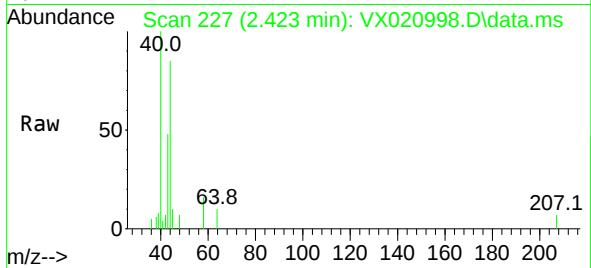




#16
Acetone
Concen: 1.14 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

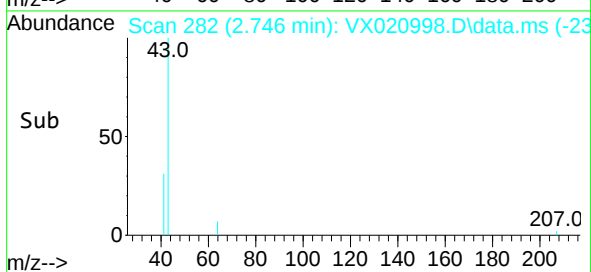
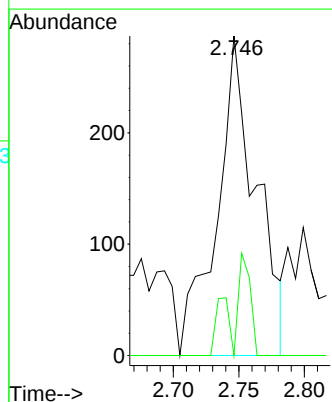
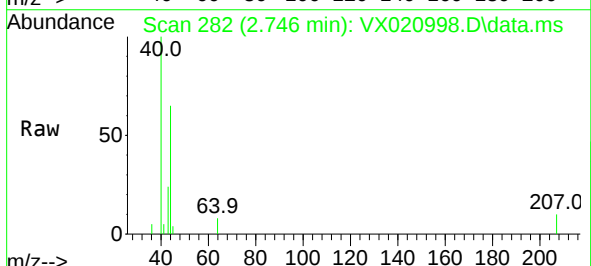
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

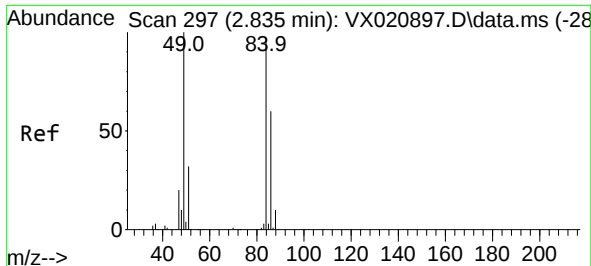
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

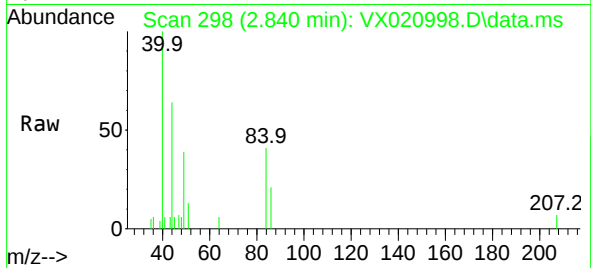
Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
74 15.8 21.9 32.9#



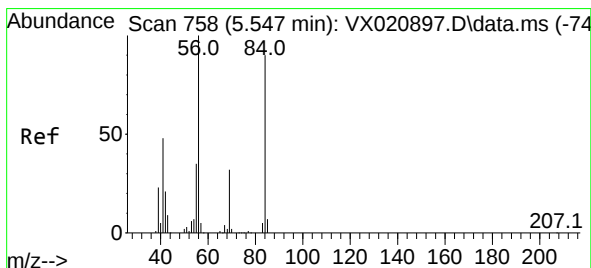
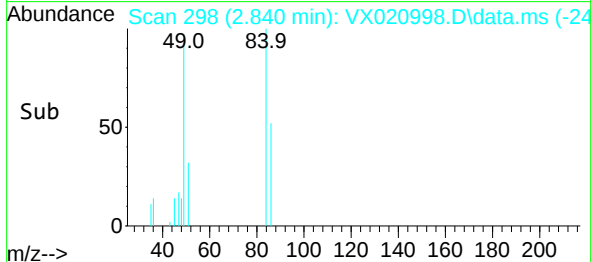
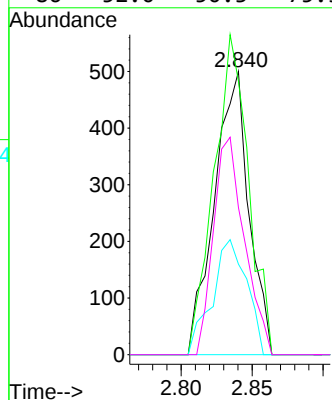


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

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

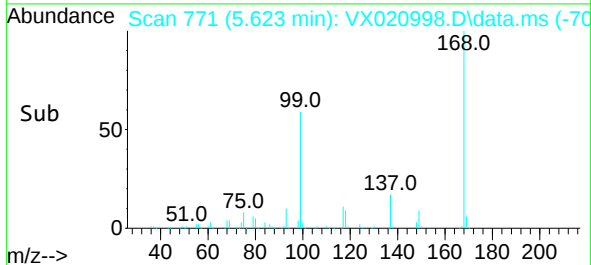
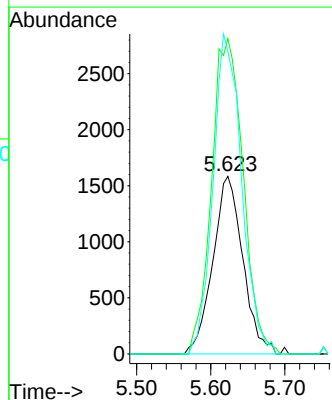
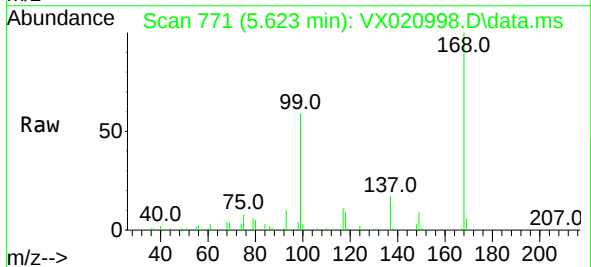


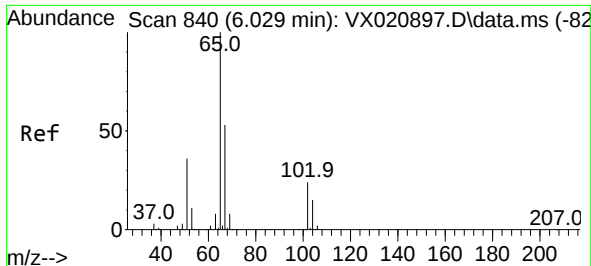
Tgt Ion: 84 Resp: 845
Ion Ratio Lower Upper
84 100
49 96.6 88.6 132.8
51 32.0 27.0 40.6
86 52.0 50.3 75.5



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

Tgt Ion: 56 Resp: 4449
Ion Ratio Lower Upper
56 100
69 177.6 25.3 37.9#
84 170.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.93 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX020998.D

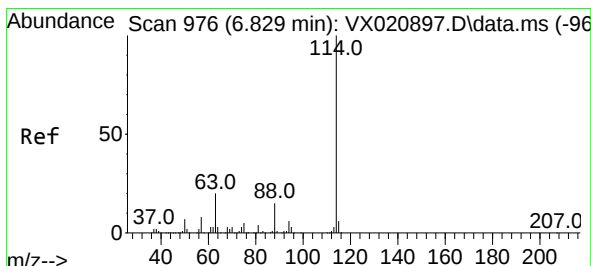
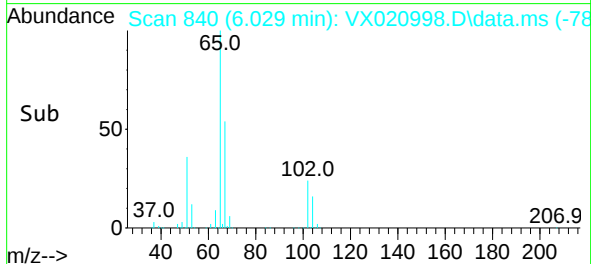
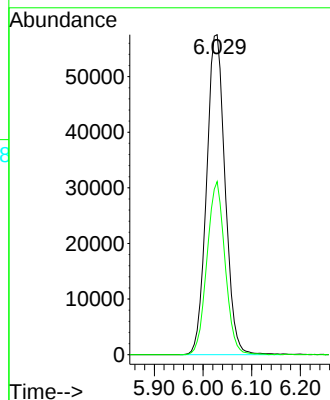
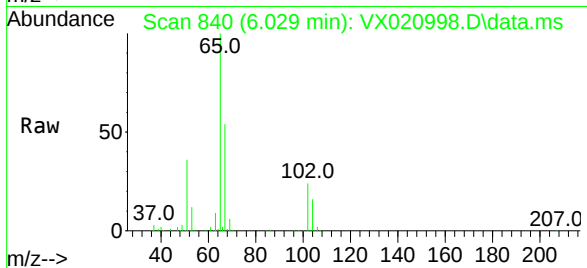
Acq: 03 Mar 2021 15:20

Tgt Ion: 65 Resp: 151984

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX020998.D

Acq: 03 Mar 2021 15:20

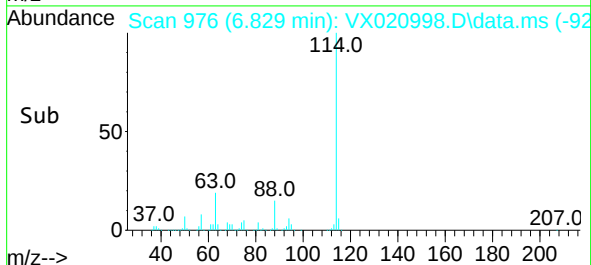
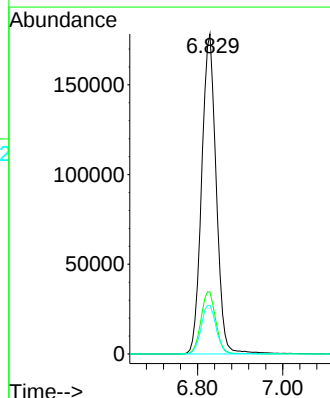
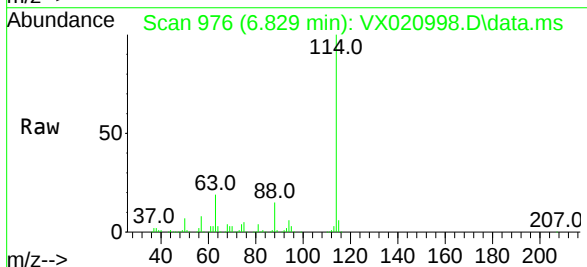
Tgt Ion: 114 Resp: 421966

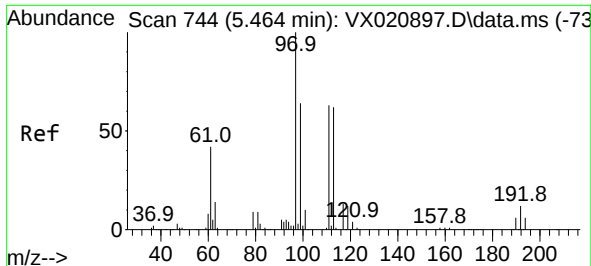
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

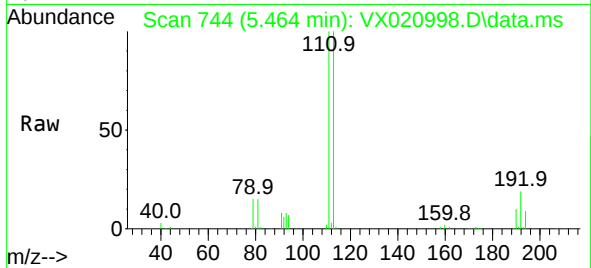
88 15.2 0.0 32.8



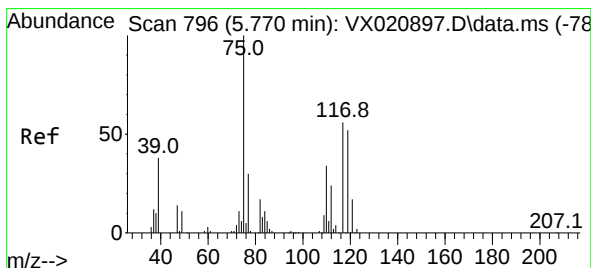
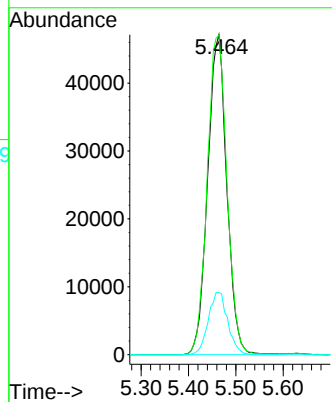
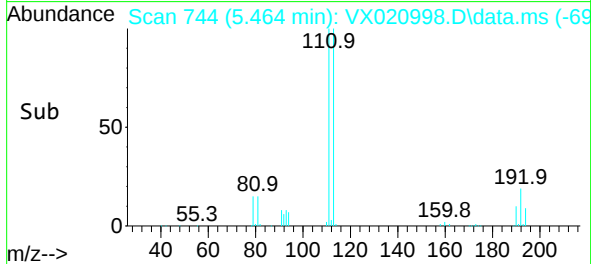


#35
Dibromofluoromethane
Concen: 51.51 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

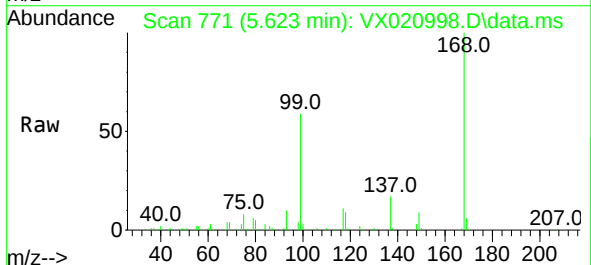
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STORAGE-BLANK-SOIL-REF-6



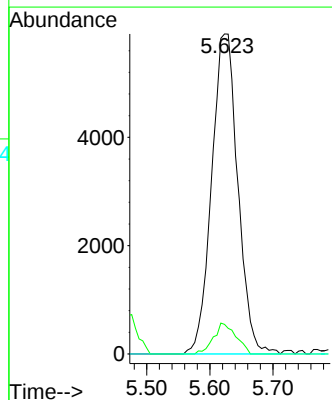
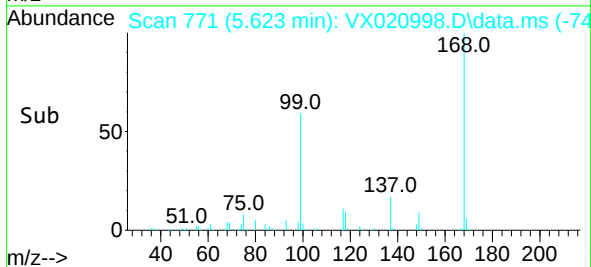
Tgt Ion:113 Resp: 132051
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.7 16.7 25.1

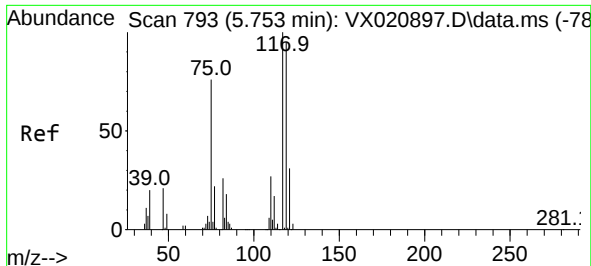


#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20



Tgt Ion: 75 Resp: 17026
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#

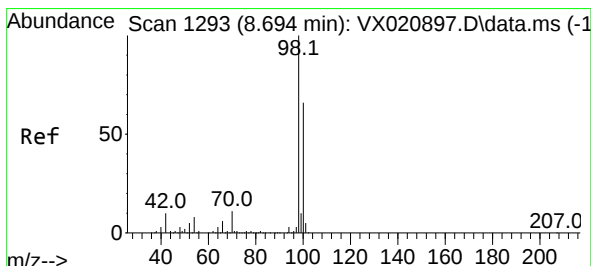
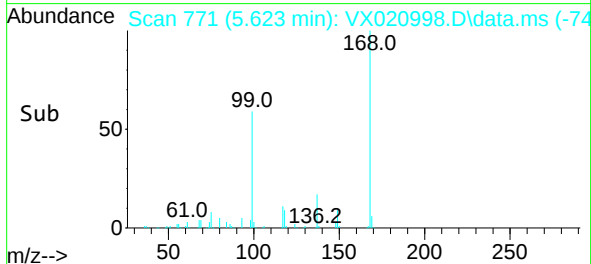
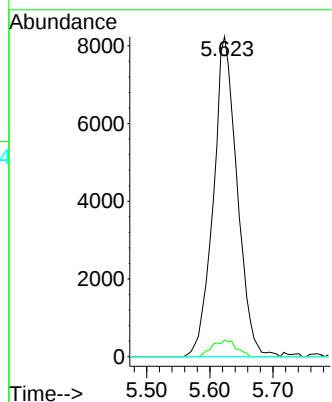
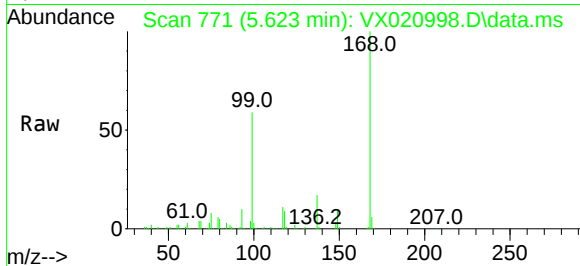




#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

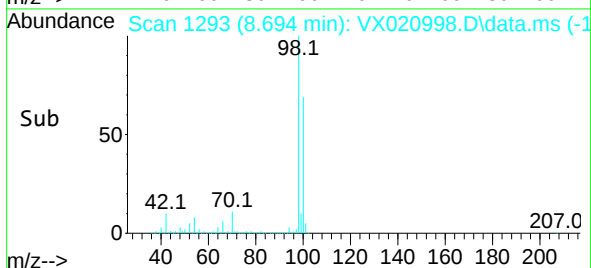
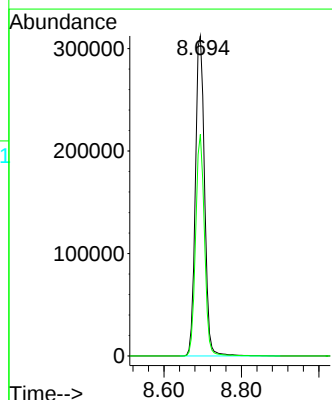
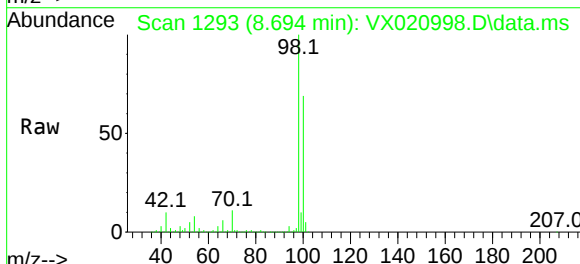
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

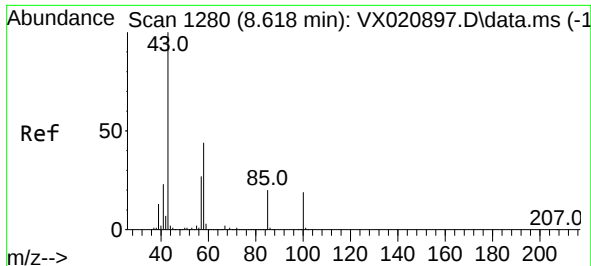
Tgt Ion:117 Resp: 21597
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.32 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

Tgt Ion: 98 Resp: 512995
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

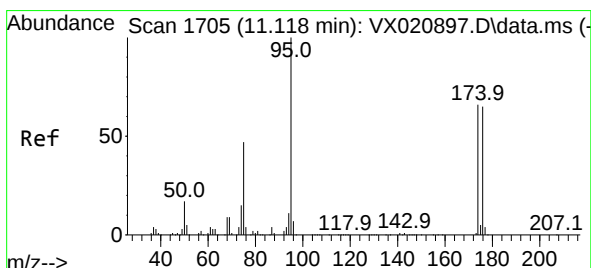
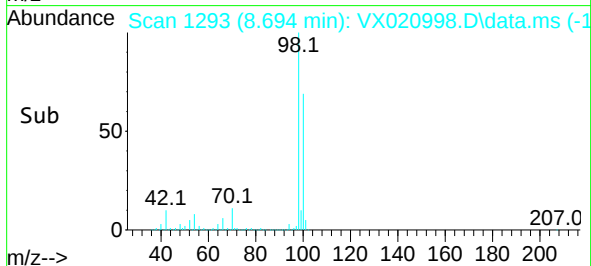
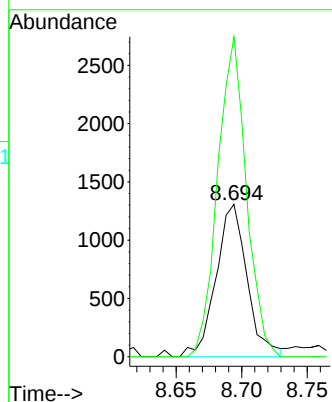
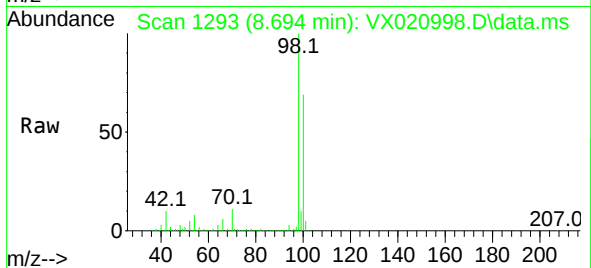




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

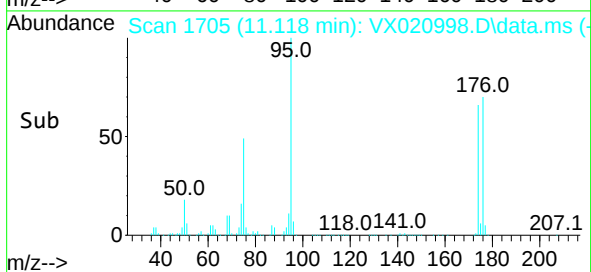
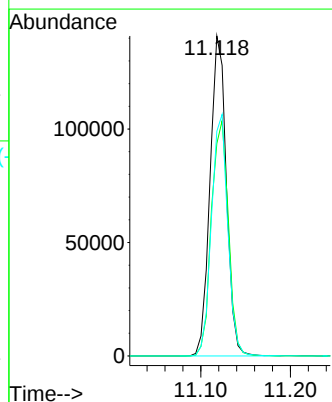
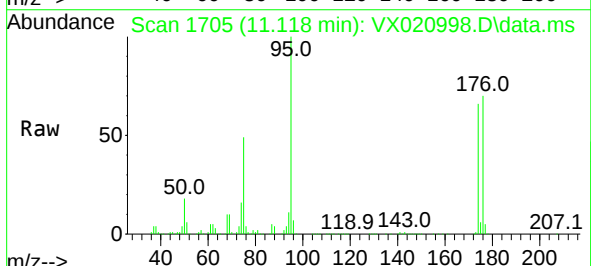
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

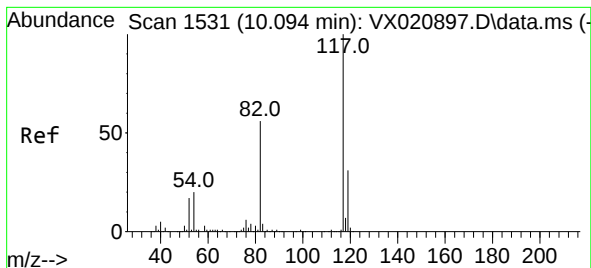
Tgt Ion: 43 Resp: 2155
Ion Ratio Lower Upper
43 100
58 194.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

Tgt Ion: 95 Resp: 177793
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 75.6 0.0 155.8

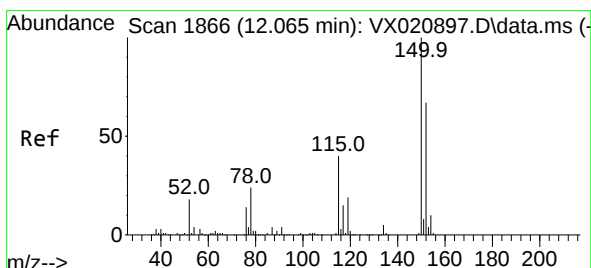
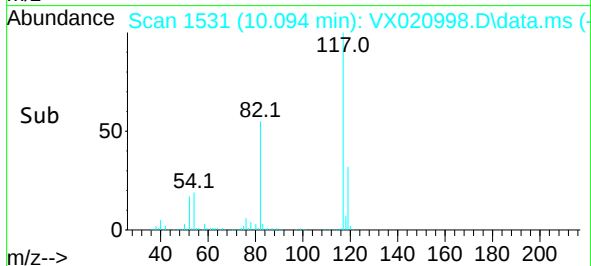
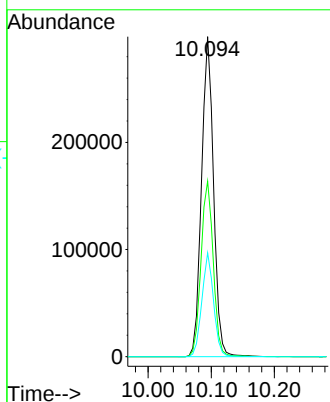
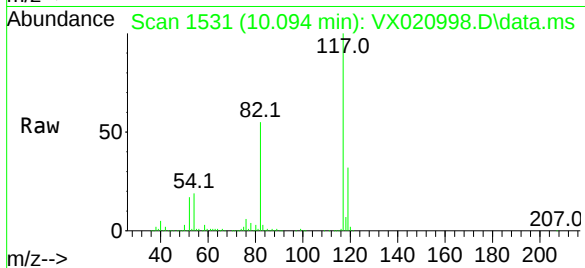




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

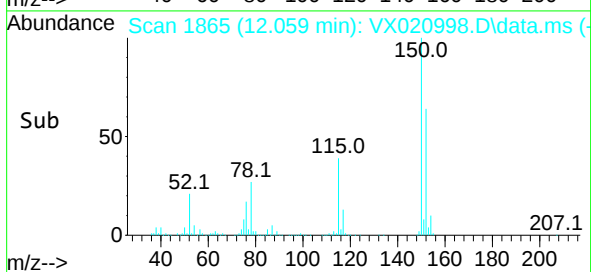
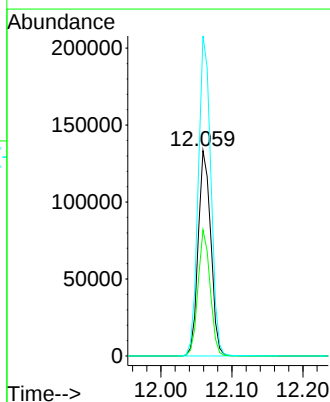
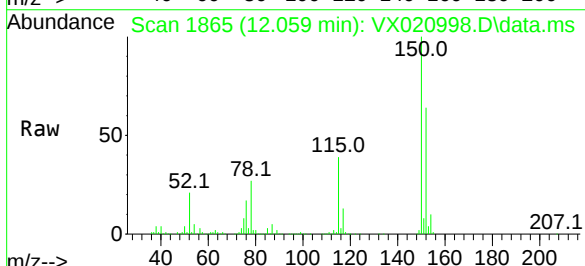
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

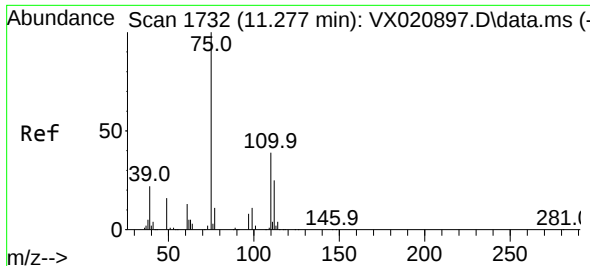
Tgt Ion:117 Resp: 395055
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

Tgt Ion:152 Resp: 165080
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 155.9 0.0 349.0

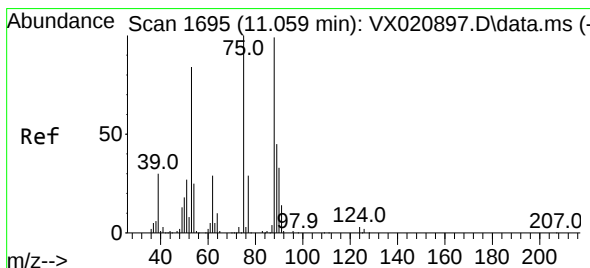
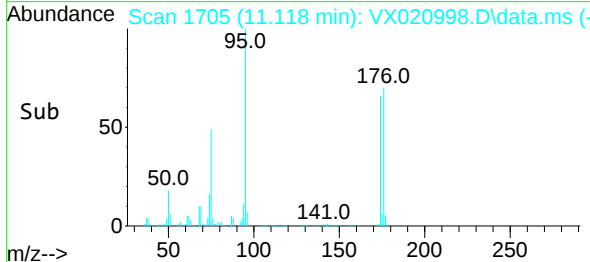
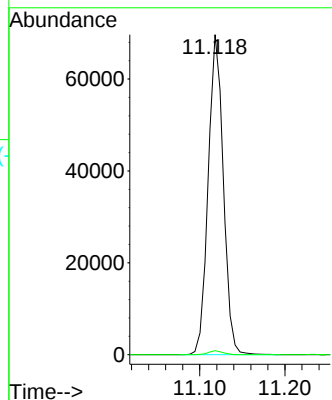
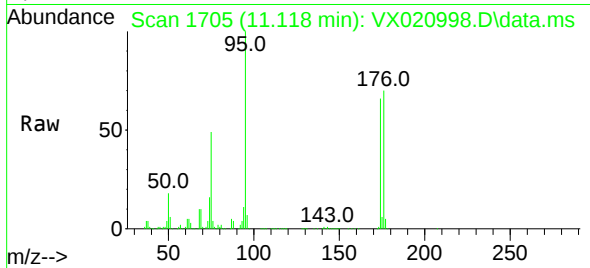




#76
1,2,3-Trichloropropane
Concen: 24.15 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

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

Tgt Ion: 75 Resp: 85760
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.47 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020998.D
Acq: 03 Mar 2021 15:20

Tgt Ion: 75 Resp: 85760
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

