

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021642.D
 Acq On : 30 Mar 2021 19:59
 Operator : JC/MD
 Sample : M1849-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 31 05:02:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

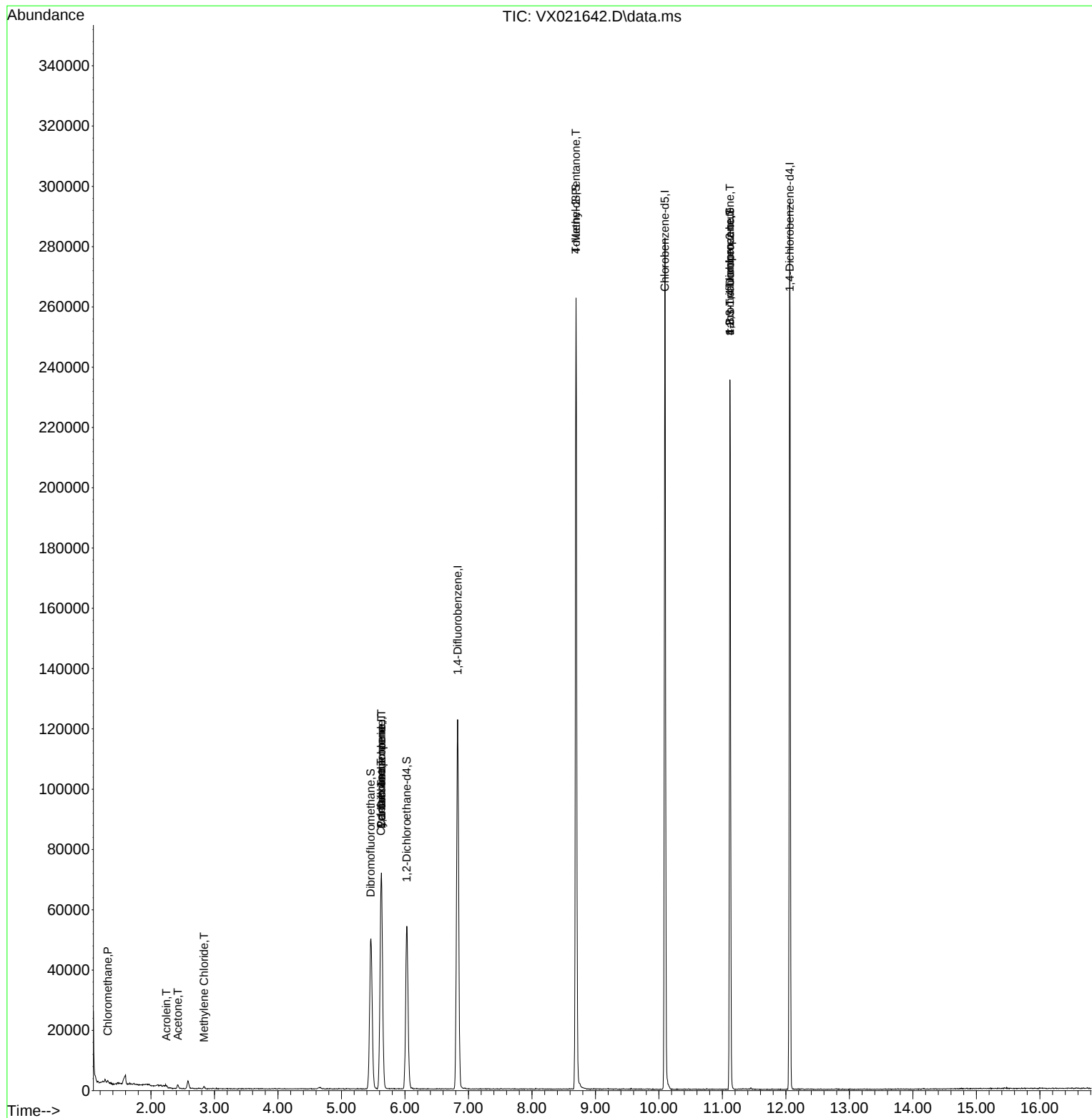
Internal Standards						
1) Pentafluorobenzene	5.629	168	62209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53792	51.97	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.94%		
35) Dibromofluoromethane	5.458	113	41130	50.83	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.66%		
50) Toluene-d8	8.694	98	144564	50.13	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.26%		
62) 4-Bromofluorobenzene	11.118	95	60019	53.54	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.08%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1269	1.66	ug/l #	88
13) Acrolein	2.240	56	20	4.53	ug/l #	1
16) Acetone	2.423	43	1183	3.02	ug/l	94
20) Methylene Chloride	2.834	84	291	0.38	ug/l	96
31) Cyclohexane	5.623	56	1741	1.53	ug/l #	28
36) 1,1-Dichloropropene	5.629	75	5590	5.01	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6554	5.46	ug/l #	15
51) 4-Methyl-2-Pentanone	8.694	43	808	0.63	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	33533	27.03	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	33533	82.32	ug/l #	12

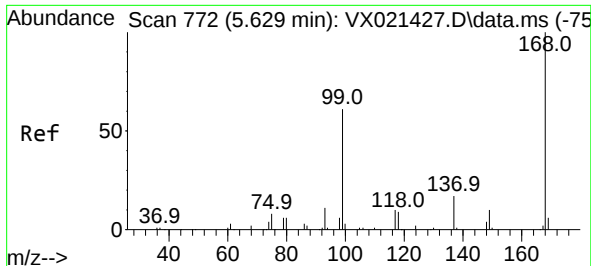
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

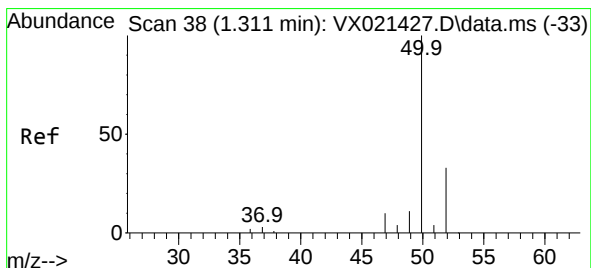
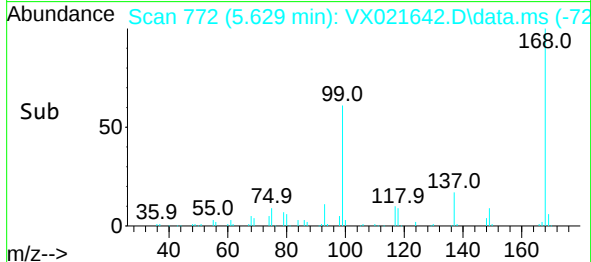
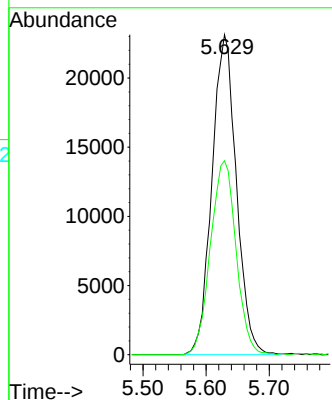
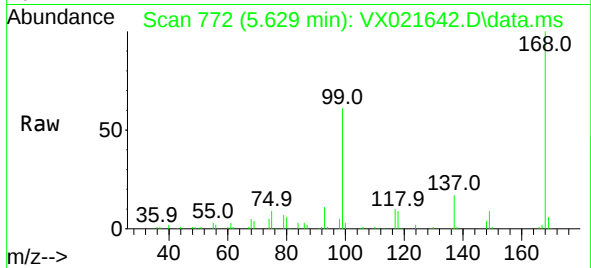




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

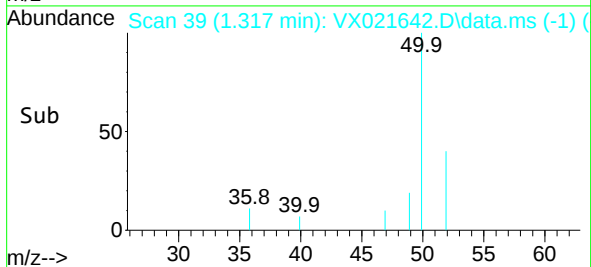
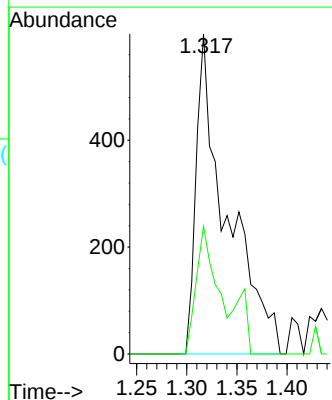
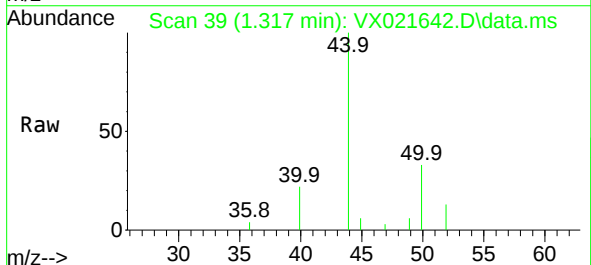
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

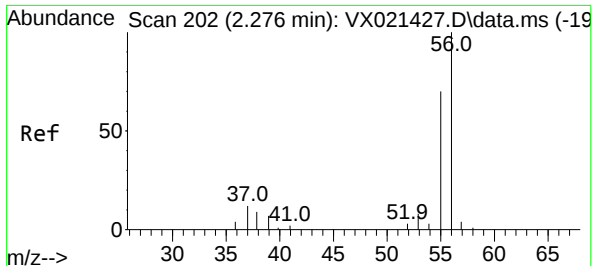
Tgt Ion:168 Resp: 62209
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#3
Chloromethane
Concen: 1.66 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion: 50 Resp: 1269
Ion Ratio Lower Upper
50 100
52 39.9 26.4 39.6#

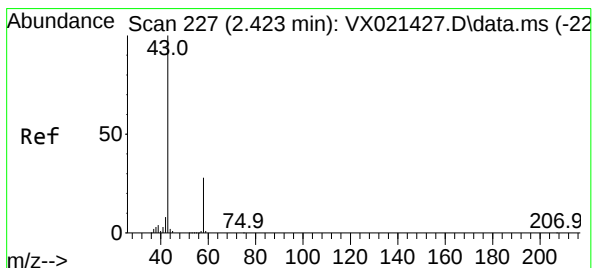
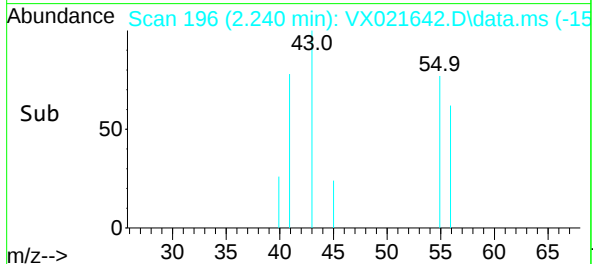
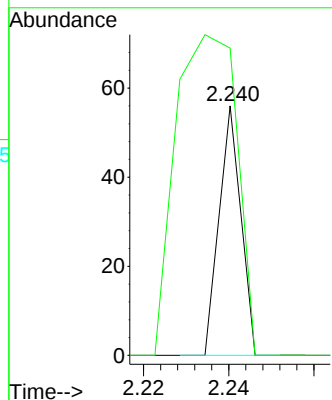
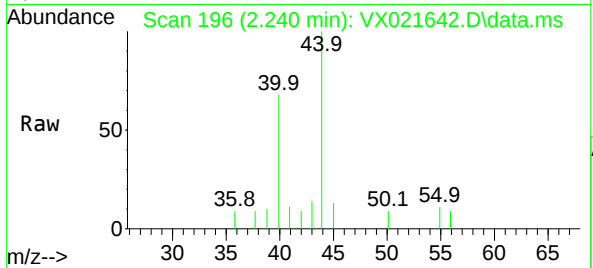




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.240 min Scan# 196
Delta R.T. -0.036 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

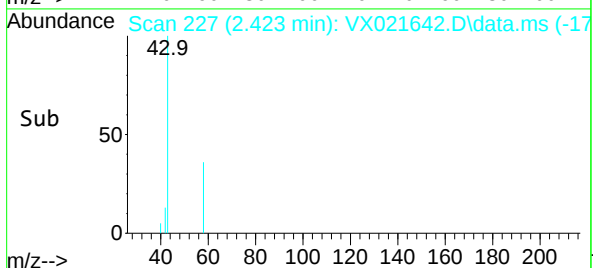
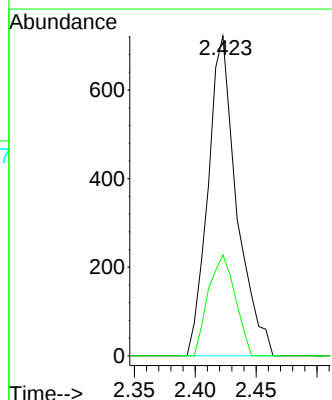
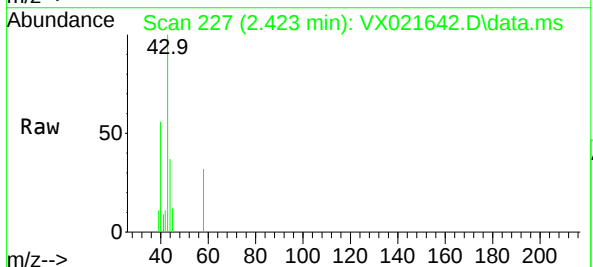
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

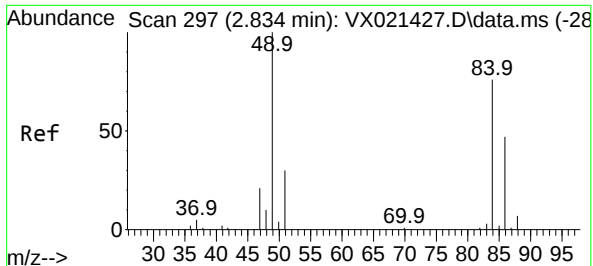
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 360.0 56.4 84.6#



#16
Acetone
Concen: 3.02 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8



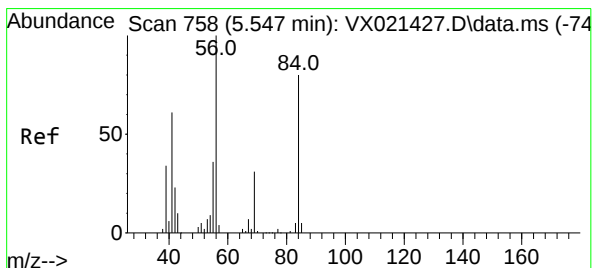
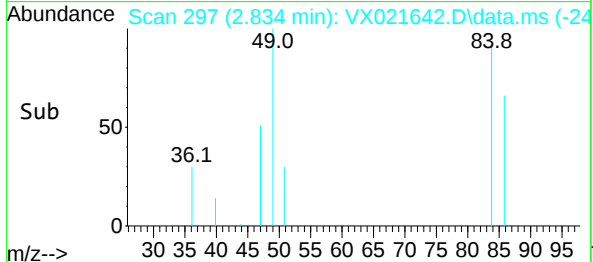
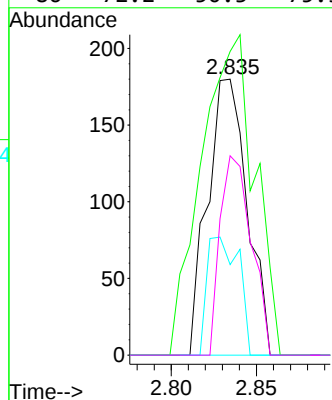
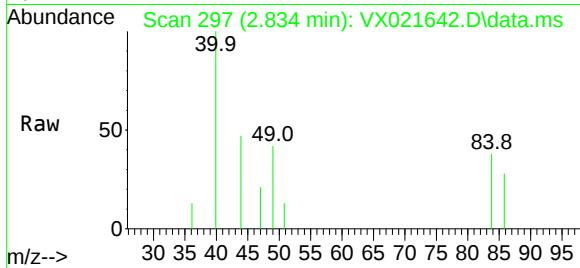


#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

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

Tgt Ion: 84 Resp: 291

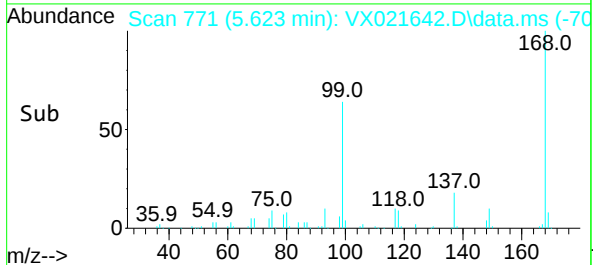
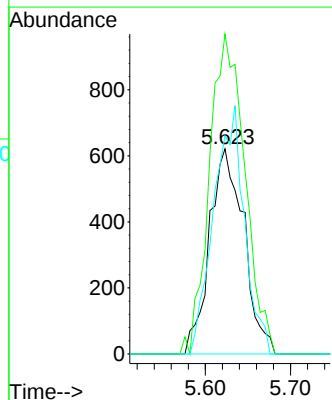
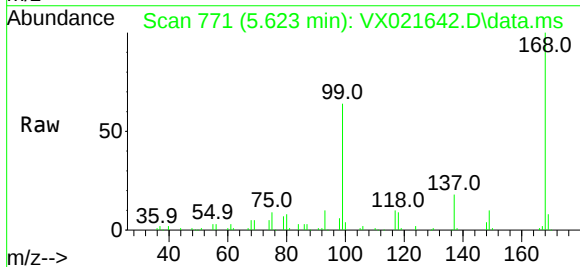
Ion	Ratio	Lower	Upper
84	100		
49	110.0	88.6	132.8
51	32.8	27.0	40.6
86	72.2	50.3	75.5

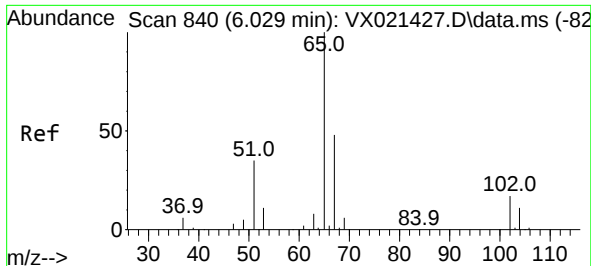


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion: 56 Resp: 1741

Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.3	37.9#
84	106.3	71.4	107.0

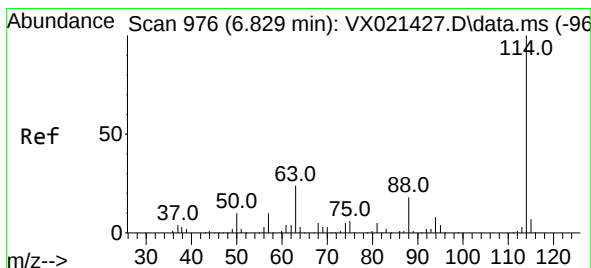
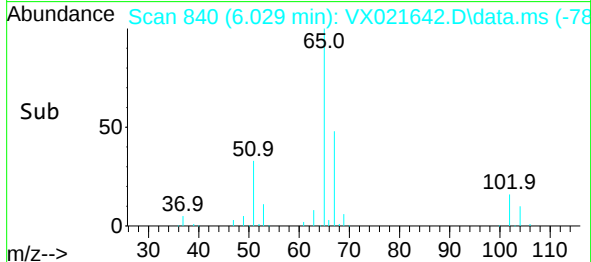
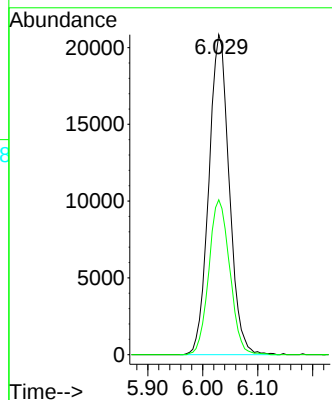
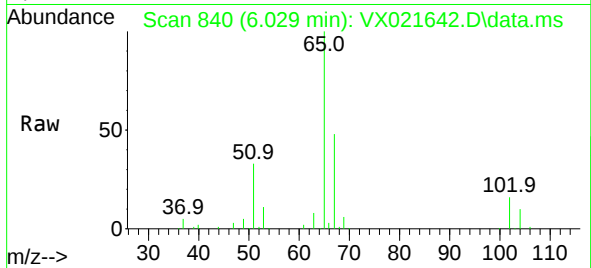




#33
1,2-Dichloroethane-d4
Concen: 51.97 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

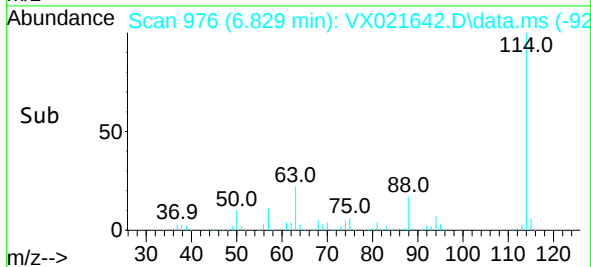
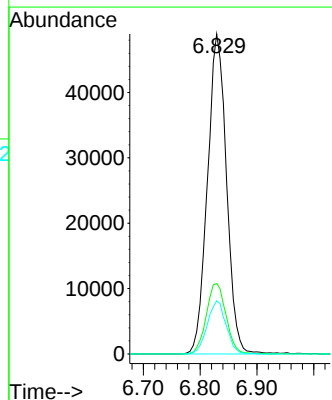
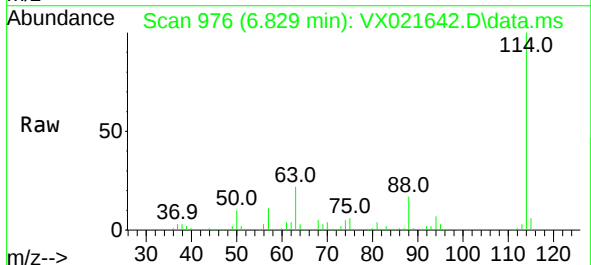
Instrument :
MSVOA_X
ClientSampleId :
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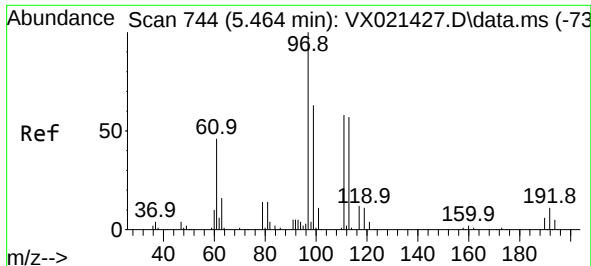
Tgt Ion: 65 Resp: 53792
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion: 114 Resp: 113921
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.6 0.0 32.8

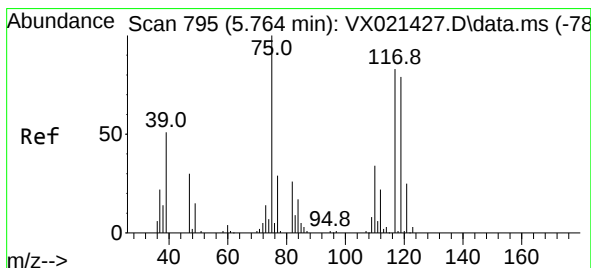
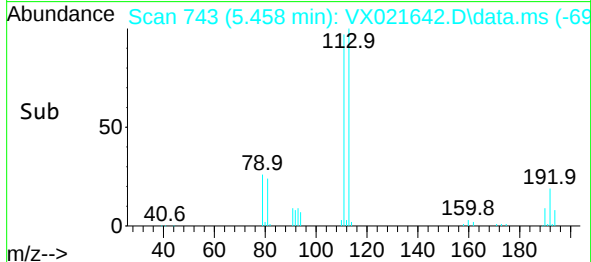
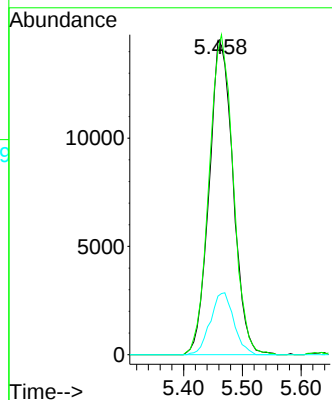
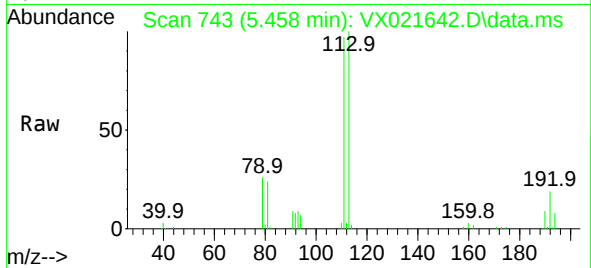




#35
Dibromofluoromethane
Concen: 50.83 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

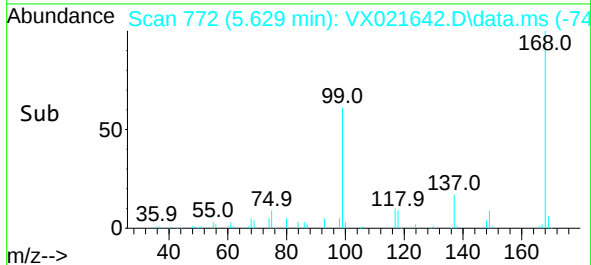
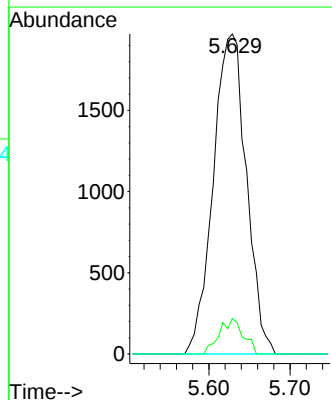
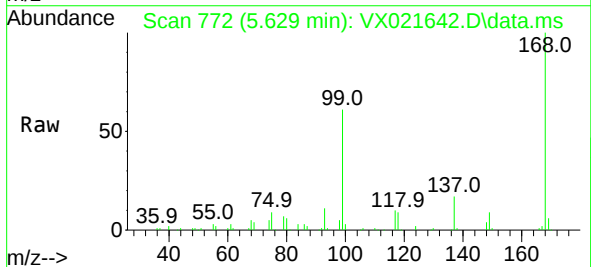
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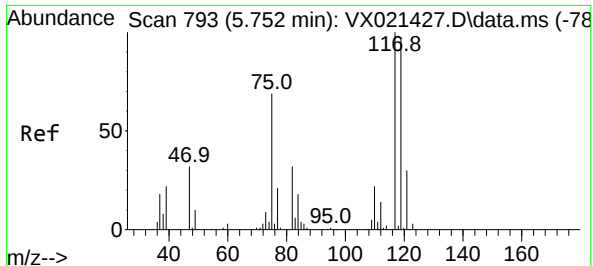
Tgt Ion:113 Resp: 41130
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

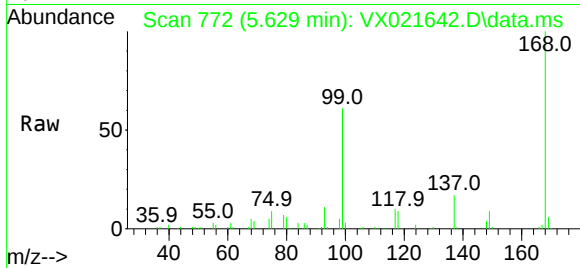
Tgt Ion: 75 Resp: 5590
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#



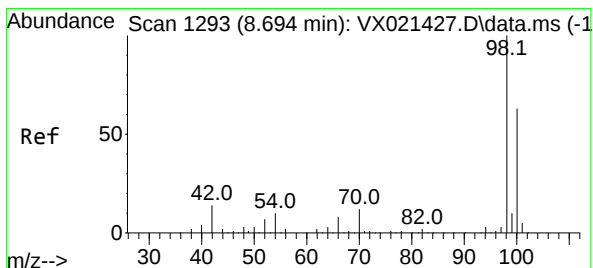
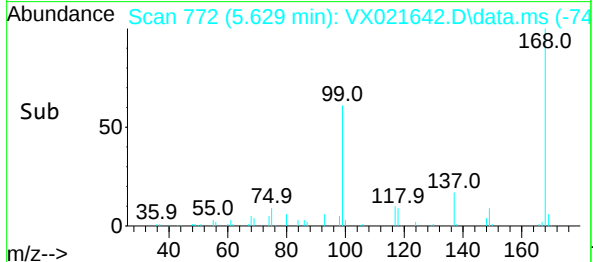
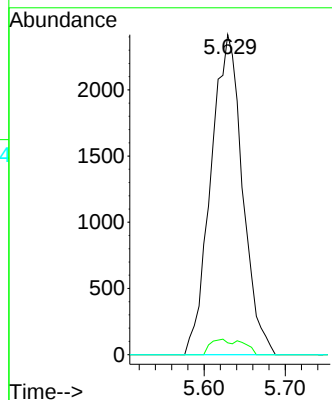


#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

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

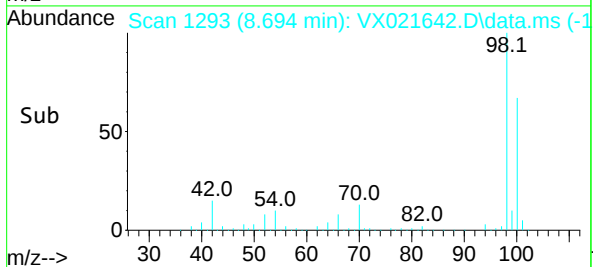
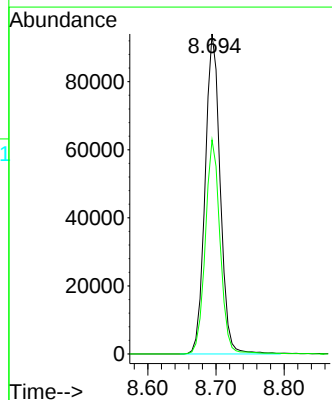
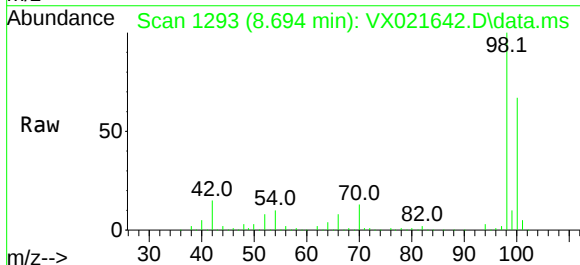


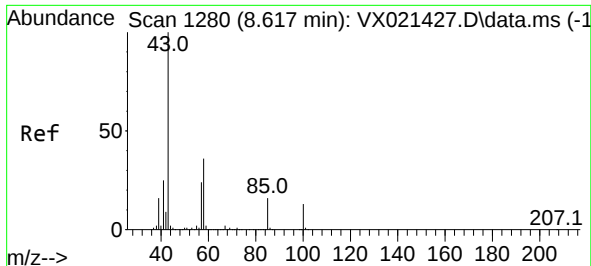
Tgt Ion:117 Resp: 6554
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.13 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion: 98 Resp: 144564
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

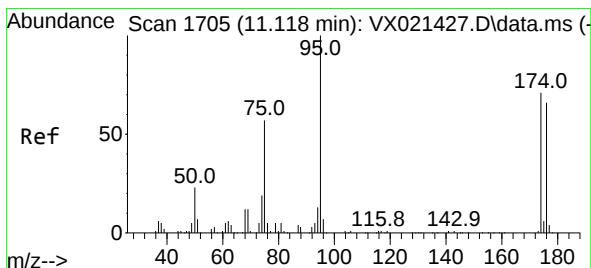
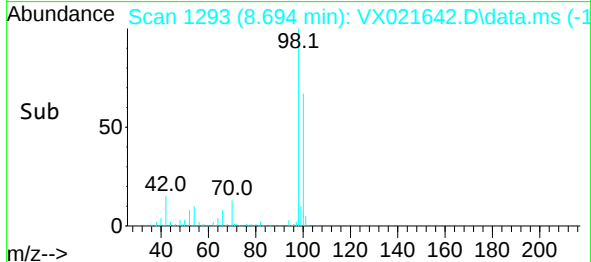
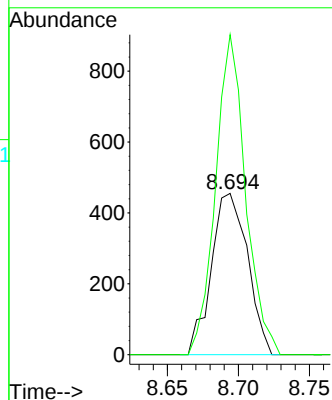
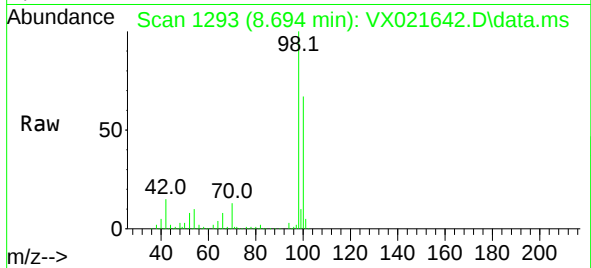




#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

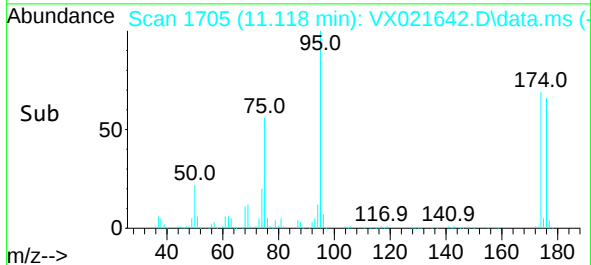
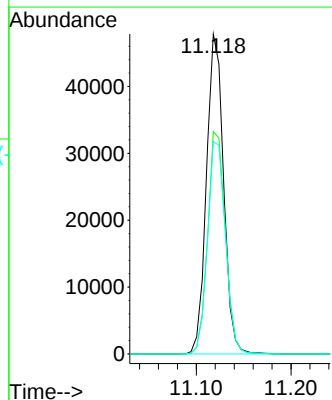
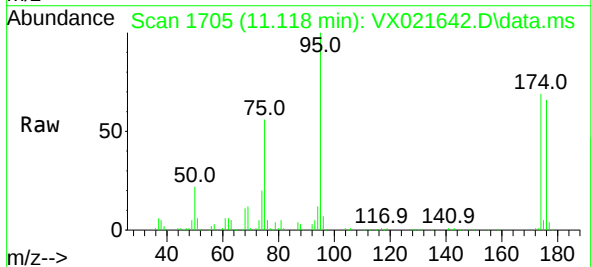
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

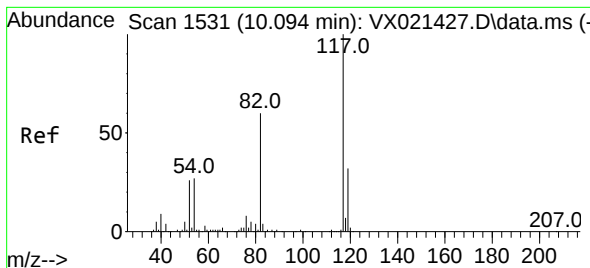
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 164.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 53.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion: 95 Resp: 60019
Ion Ratio Lower Upper
95 100
174 71.9 0.0 154.6
176 69.4 0.0 155.8

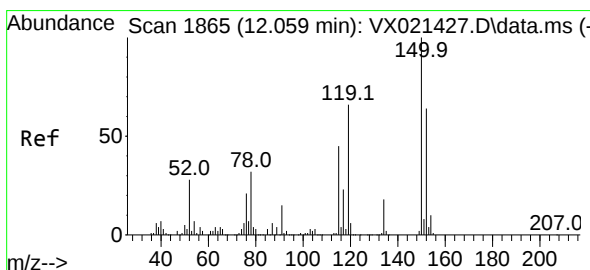
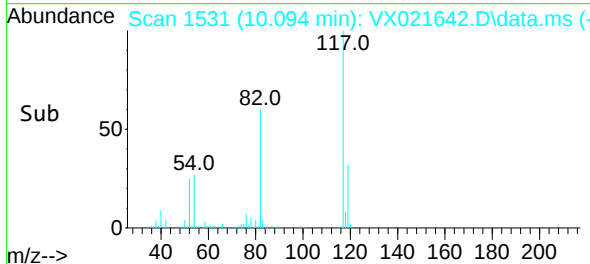
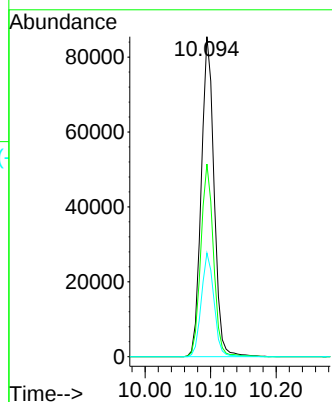
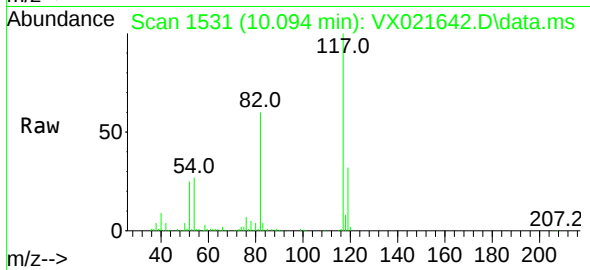




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

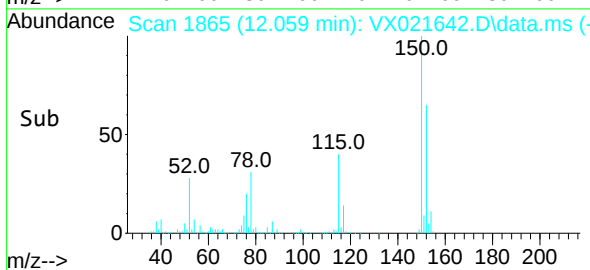
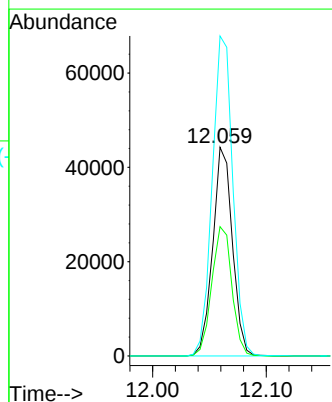
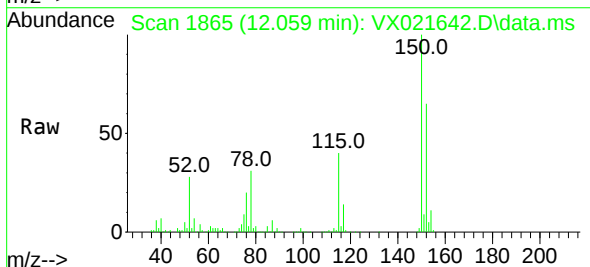
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

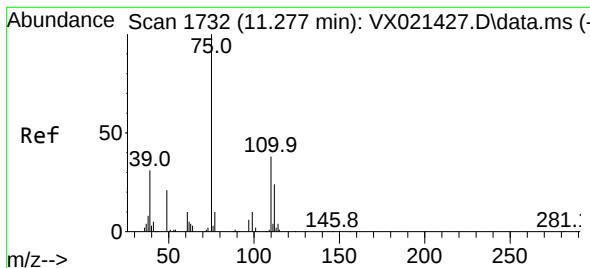
Tgt Ion:117 Resp: 116357
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion:152 Resp: 53297
Ion Ratio Lower Upper
152 100
115 63.3 41.1 123.3
150 160.4 0.0 349.0

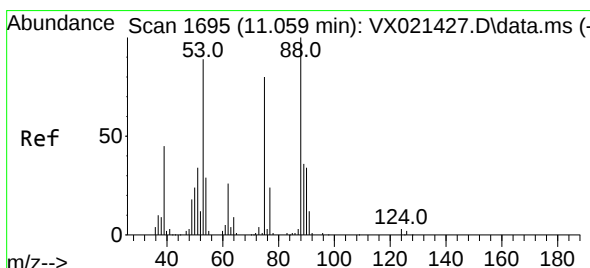
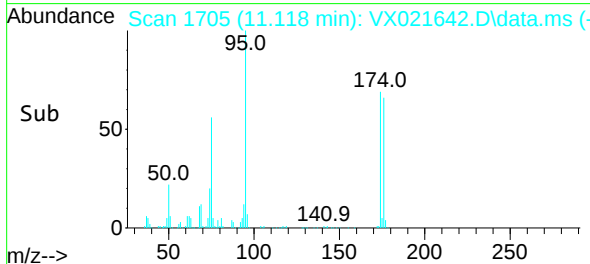
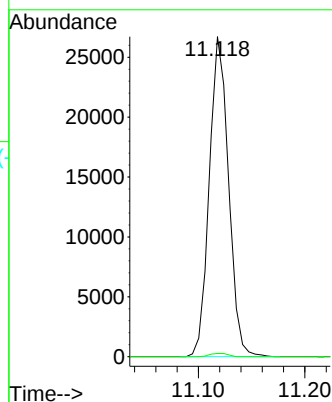
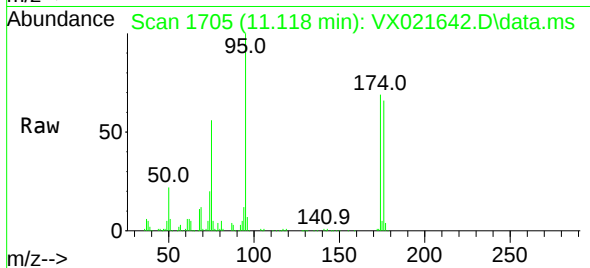




#76
1,2,3-Trichloropropane
Concen: 27.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

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

Tgt Ion: 75 Resp: 33533
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021642.D
Acq: 30 Mar 2021 19:59

Tgt Ion: 75 Resp: 33533
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

