

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020477.D
 Acq On : 31 Dec 2020 12:51
 Operator : JC/MD
 Sample : L5251-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 01 00:09:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

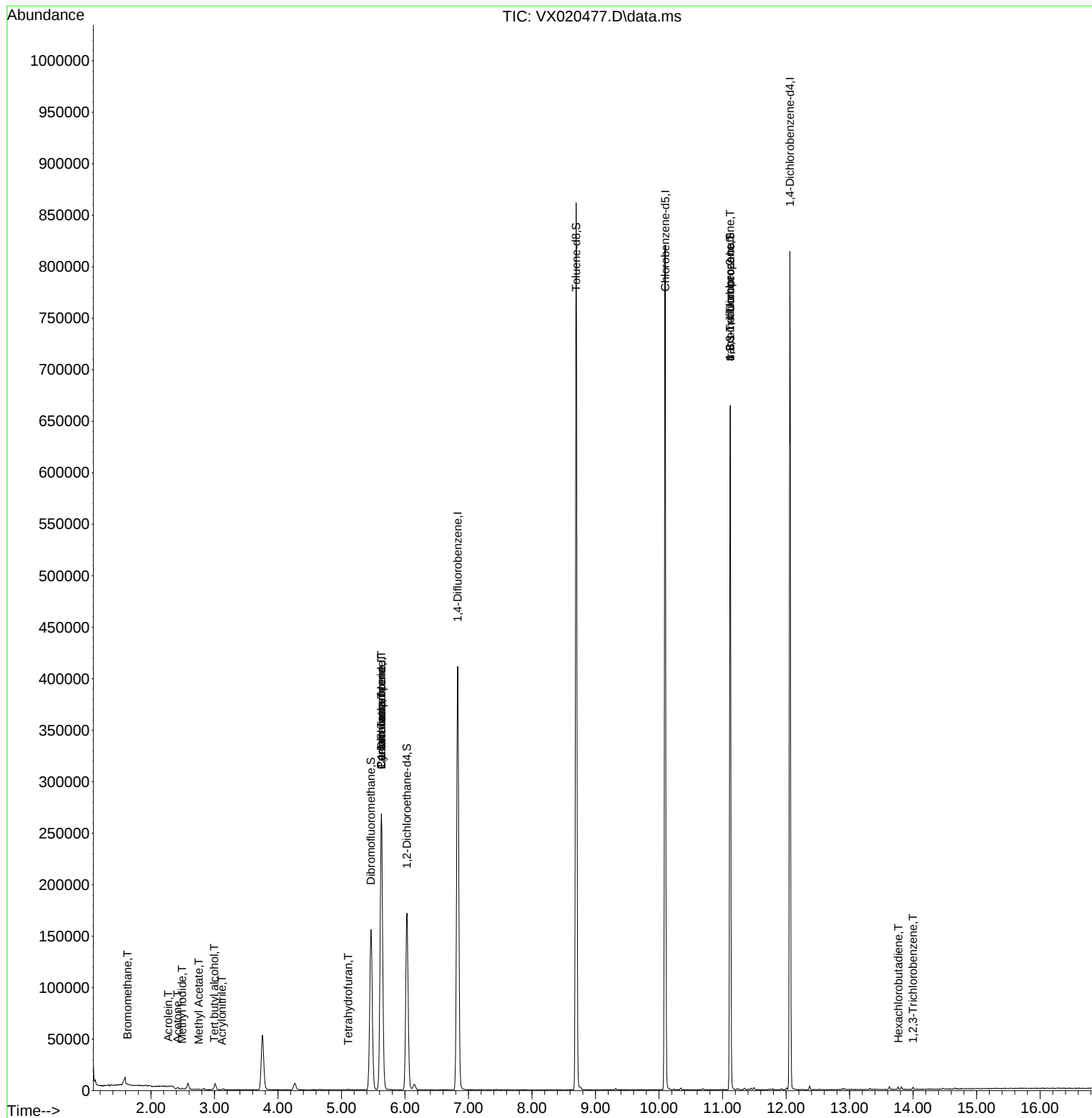
Internal Standards						
1) Pentafluorobenzene	5.629	168	255969	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	414422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	399008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	167148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	163817	47.74	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.48%		
35) Dibromofluoromethane	5.464	113	135866	51.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.50%		
50) Toluene-d8	8.695	98	507418	49.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.44%		
62) 4-Bromofluorobenzene	11.122	95	183366	46.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.90%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	398	0.35	ug/l	83
10) Methyl Iodide	2.489	142	953	3.54	ug/l #	95
11) Tert butyl alcohol	2.995	59	837	1.09	ug/l #	73
13) Acrolein	2.270	56	250	0.52	ug/l #	52
15) Acrylonitrile	3.117	53	374	0.21	ug/l	99
16) Acetone	2.416	43	1880	1.20	ug/l	93
18) Methyl Acetate	2.751	43	968	0.28	ug/l #	68
29) Tetrahydrofuran	5.105	42	390	0.27	ug/l #	32
31) Cyclohexane	5.629	56	5346	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19541	4.77	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24924	6.40	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	87327	21.21	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87327	62.92	ug/l #	12
94) Hexachlorobutadiene	13.768	225	399	2.89	ug/l	96
96) 1,2,3-Trichlorobenzene	13.999	180	752	0.21	ug/l	84

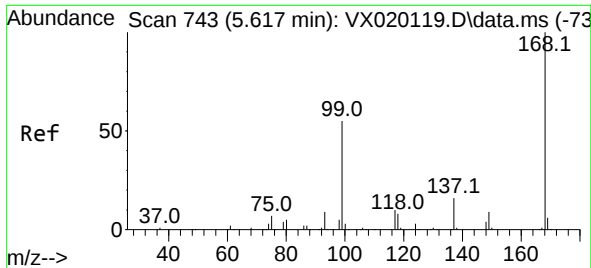
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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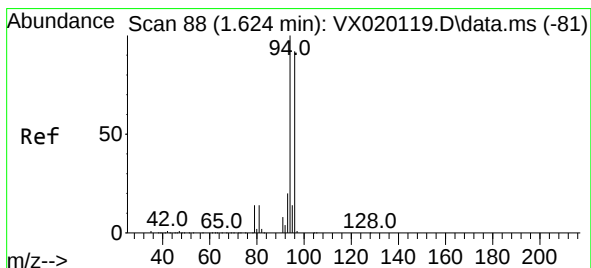
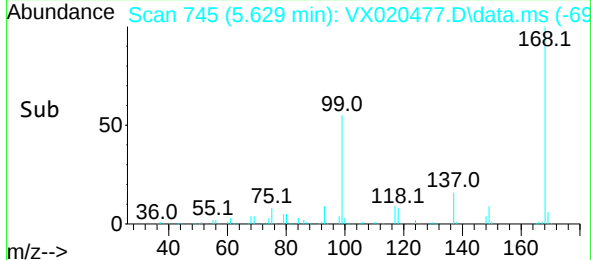
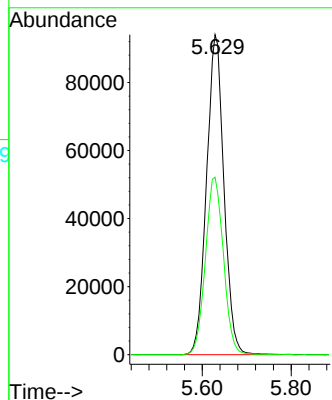
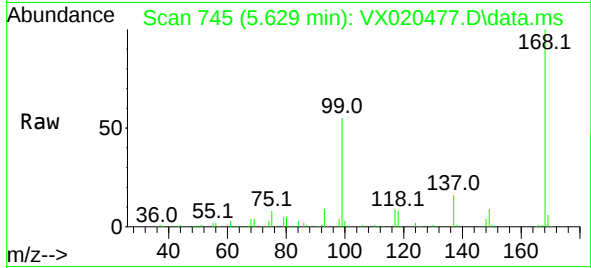




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

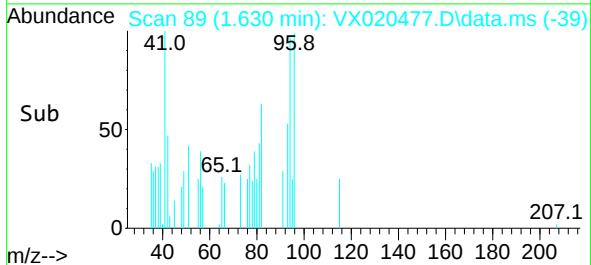
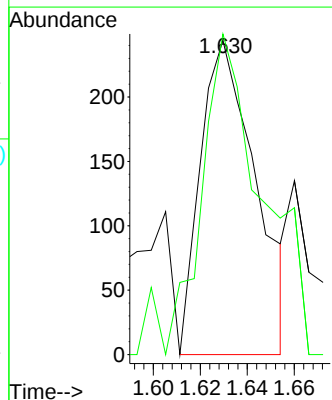
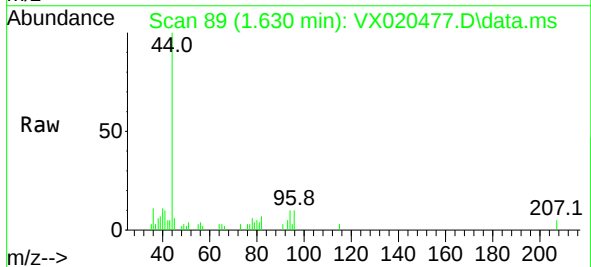
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

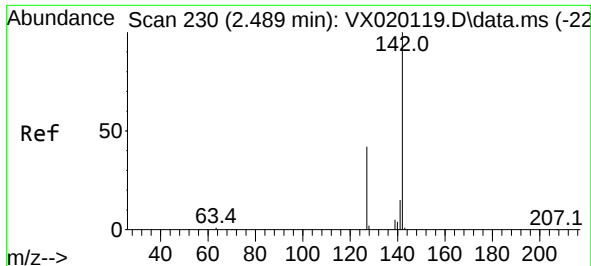
Tgt Ion:168 Resp: 255969
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

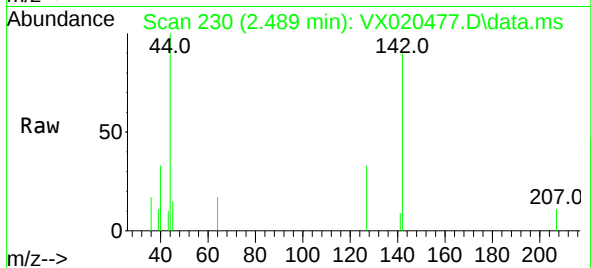
Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 79.1 76.4 114.6



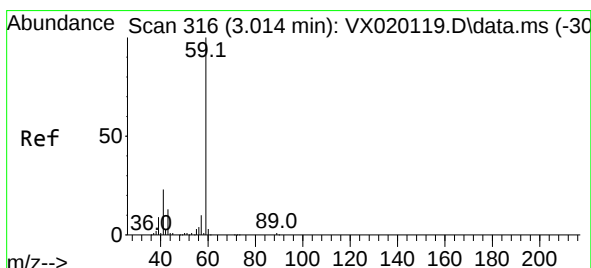
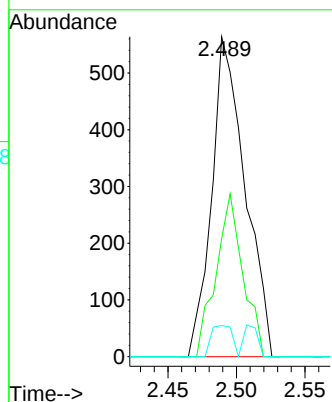
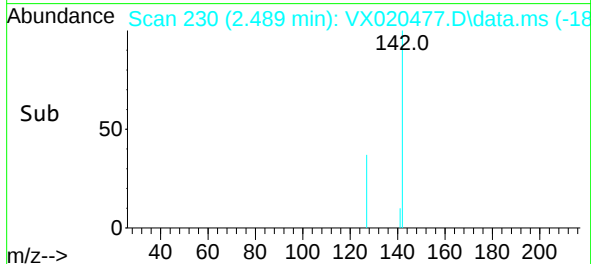


#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

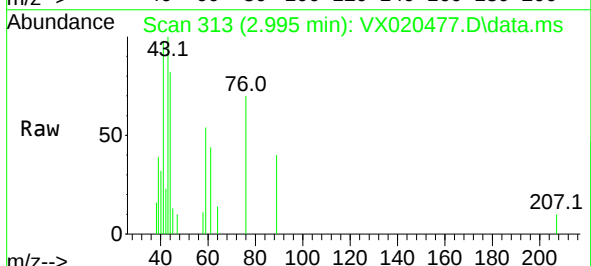
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



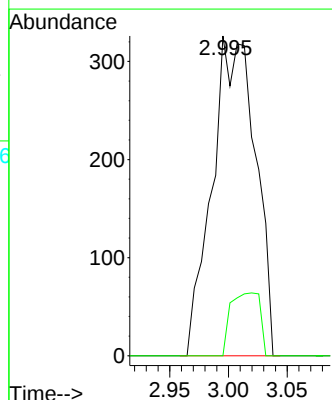
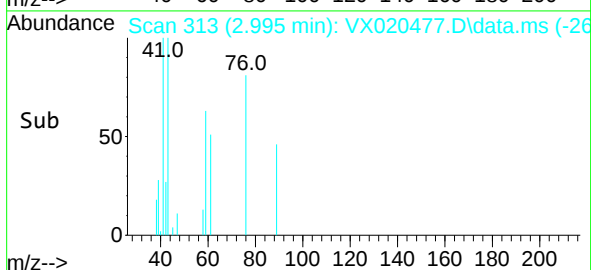
Tgt Ion:142 Resp: 953
Ion Ratio Lower Upper
142 100
127 41.2 33.3 49.9
141 6.1 11.4 17.0#

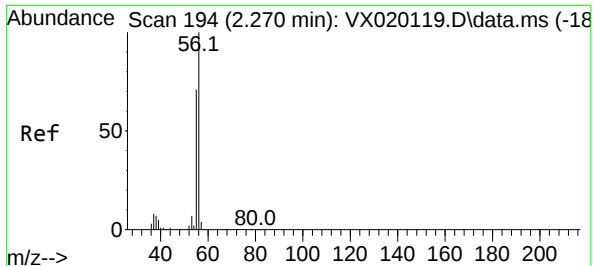


#11
Tert butyl alcohol
Concen: 1.09 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51



Tgt Ion: 59 Resp: 837
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

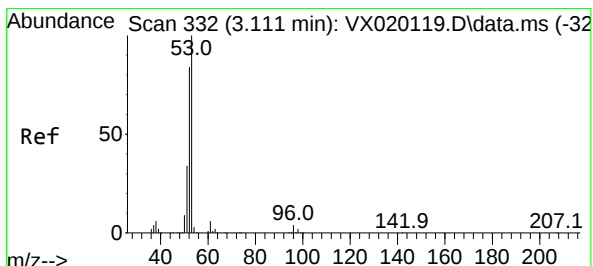
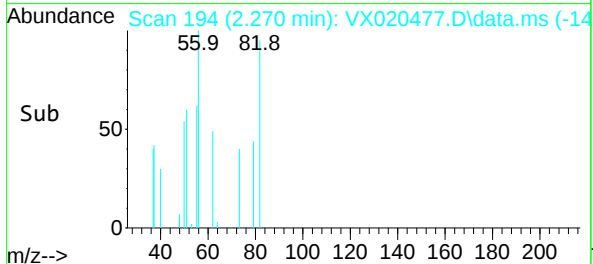
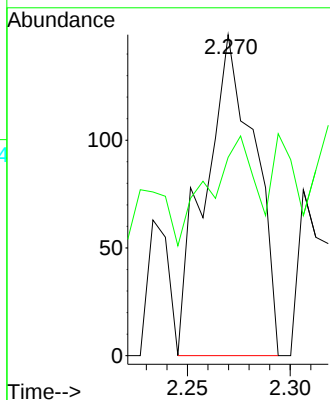
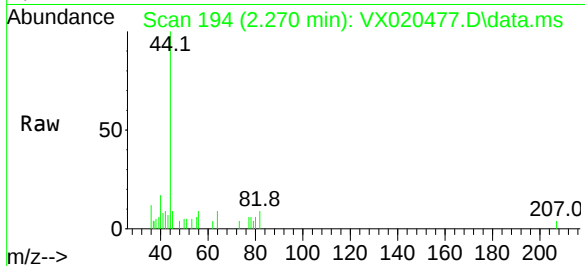




#13
Acrolein
Concen: 0.52 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

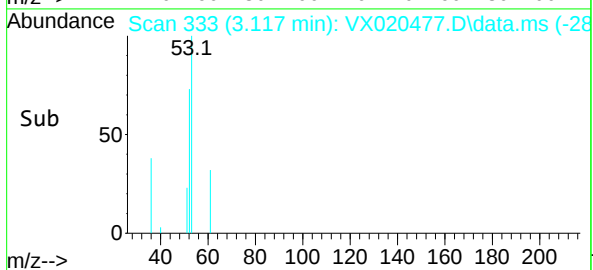
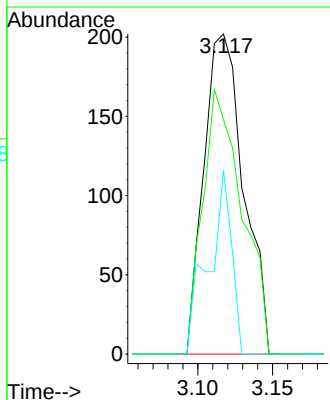
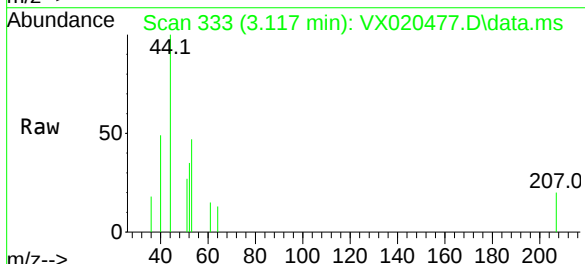
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

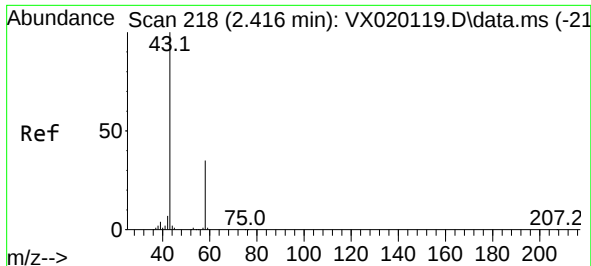
Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 31.2 56.4 84.6#



#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

Tgt Ion: 53 Resp: 374
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 33.4 28.2 42.2

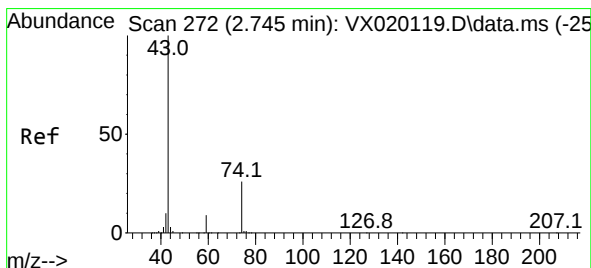
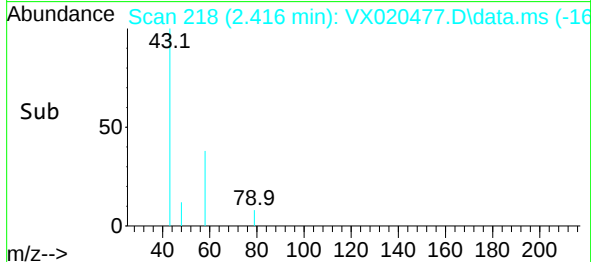
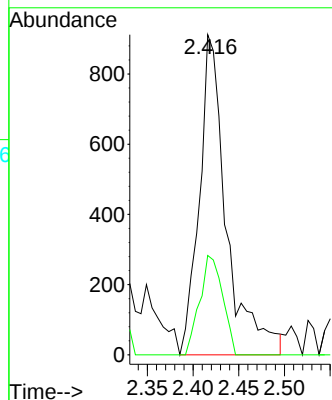
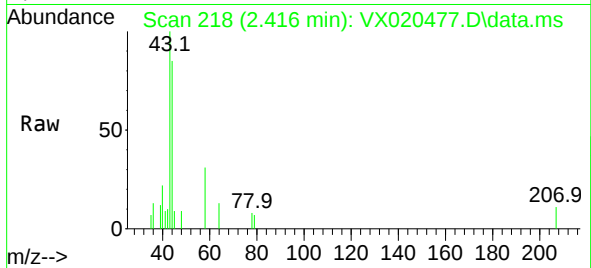




#16
Acetone
Concen: 1.20 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

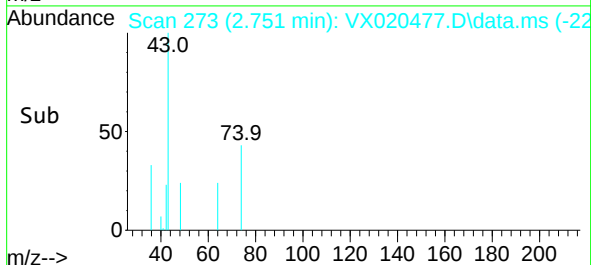
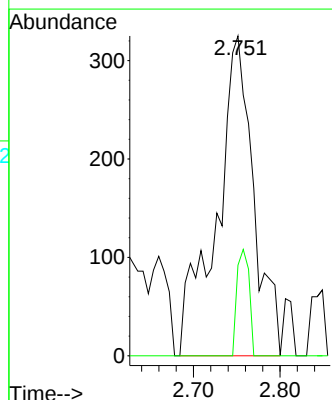
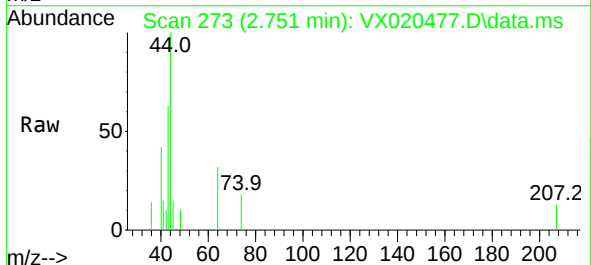
Instrument :
MSVOA_X
ClientSampleId :
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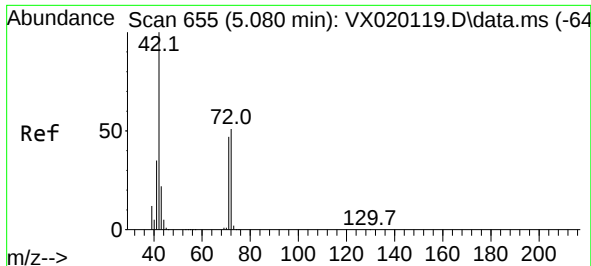
Tgt Ion: 43 Resp: 1880
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
74 10.8 21.9 32.9#





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.105 min Scan# 659

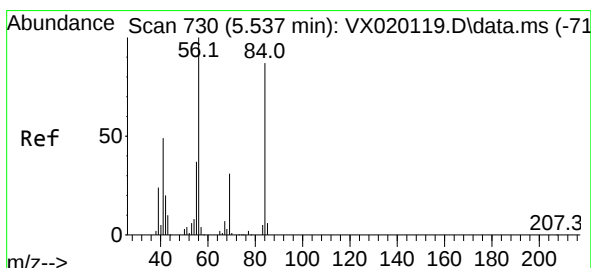
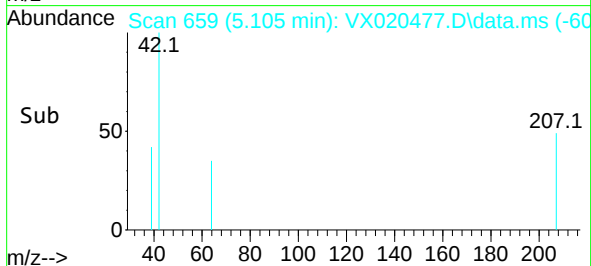
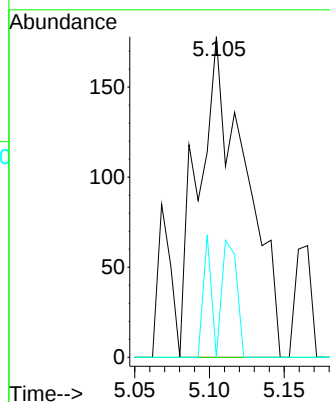
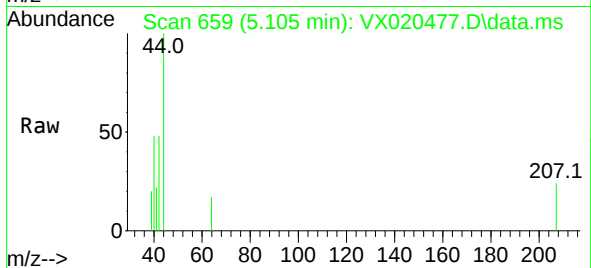
Delta R.T. 0.025 min

Lab File: VX020477.D

Acq: 31 Dec 2020 12:51

Tgt Ion:	42	Resp:	390
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	6.4	38.4	57.6#

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



#31

Cyclohexane

Concen: 1.13 ug/l

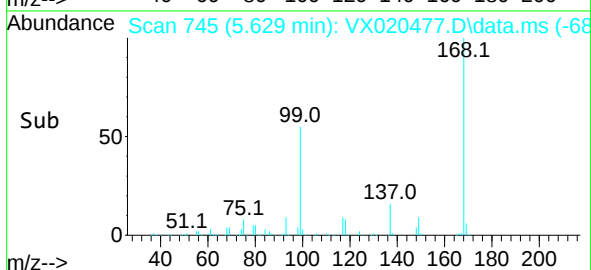
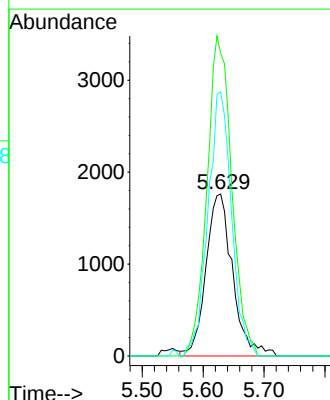
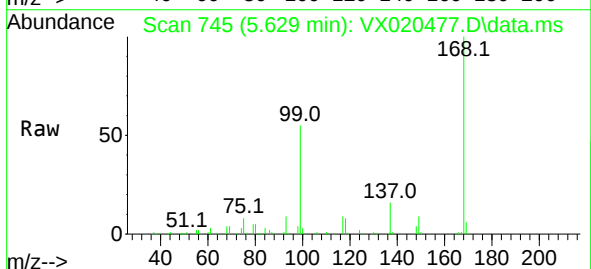
RT: 5.629 min Scan# 745

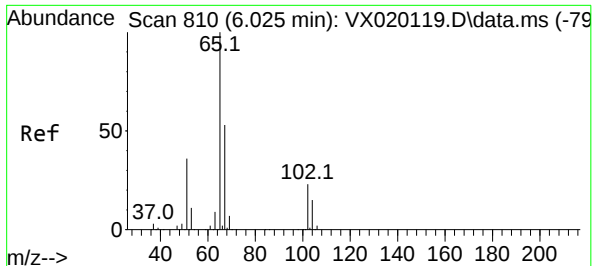
Delta R.T. 0.092 min

Lab File: VX020477.D

Acq: 31 Dec 2020 12:51

Tgt Ion:	56	Resp:	5346
Ion	Ratio	Lower	Upper
56	100		
69	186.8	25.3	37.9#
84	162.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.74 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020477.D

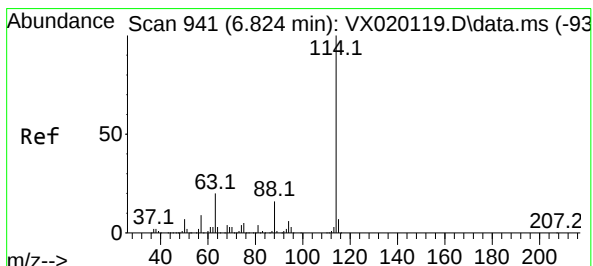
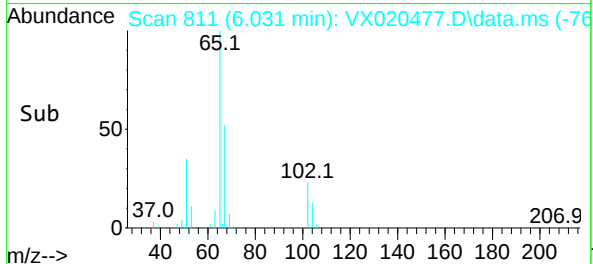
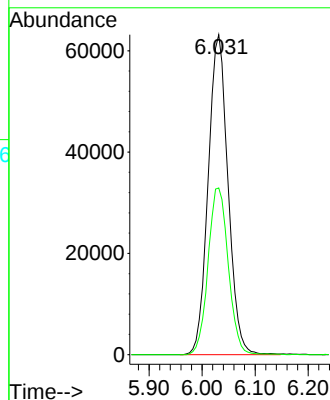
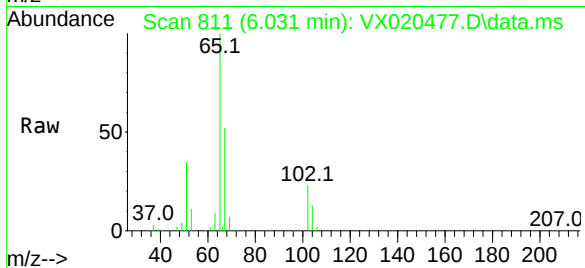
Acq: 31 Dec 2020 12:51

Tgt Ion: 65 Resp: 163817

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020477.D

Acq: 31 Dec 2020 12:51

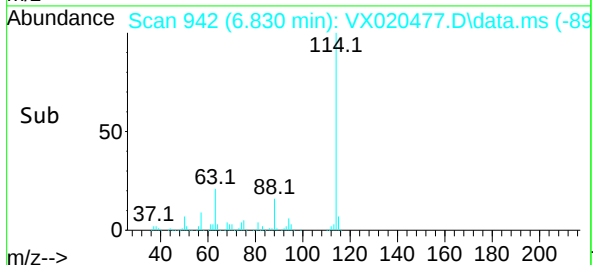
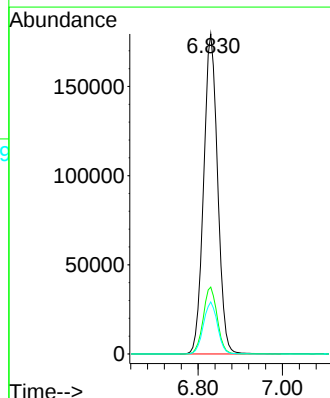
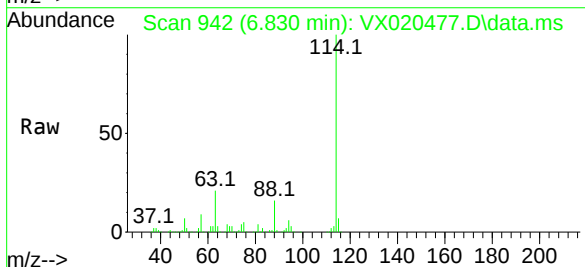
Tgt Ion: 114 Resp: 414422

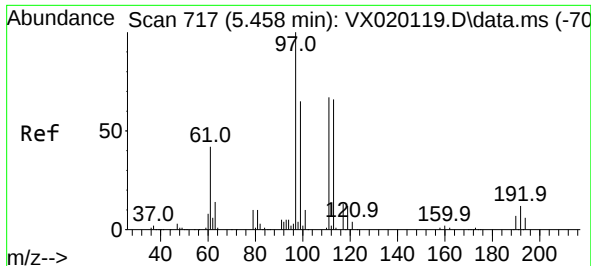
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.3 0.0 32.8

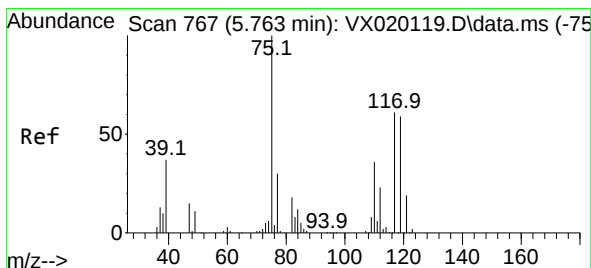
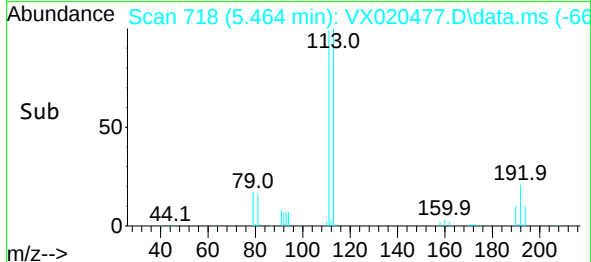
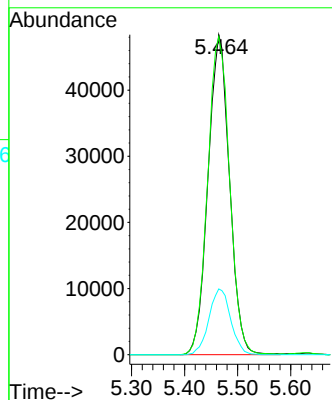
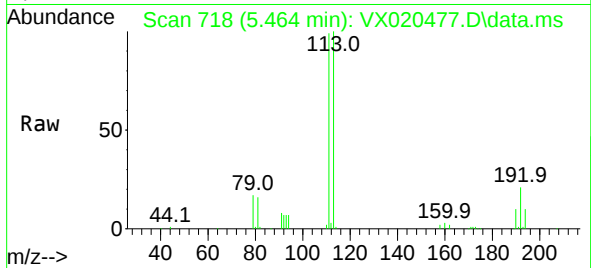




#35
Dibromofluoromethane
Concen: 51.25 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

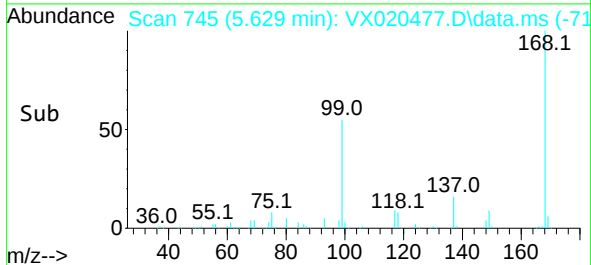
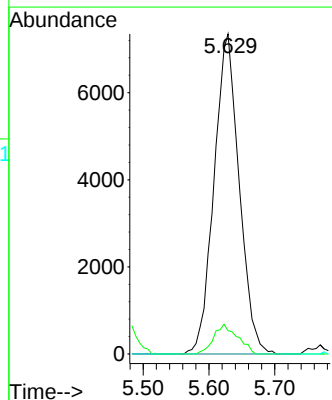
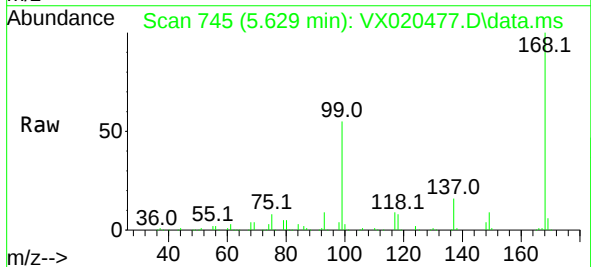
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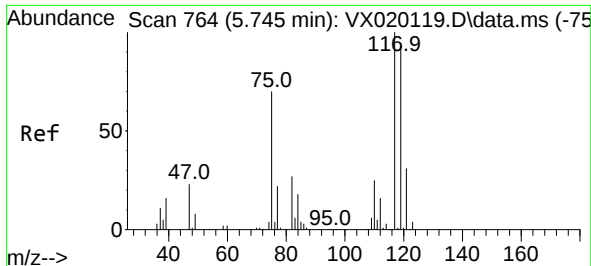
Tgt Ion:113 Resp: 135866
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

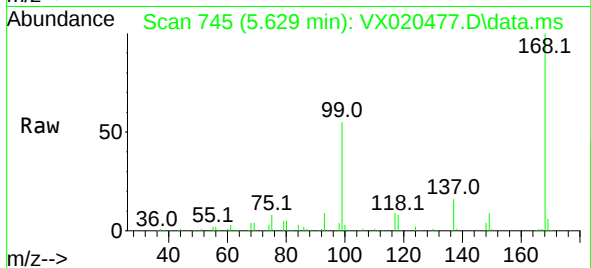
Tgt Ion: 75 Resp: 19541
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



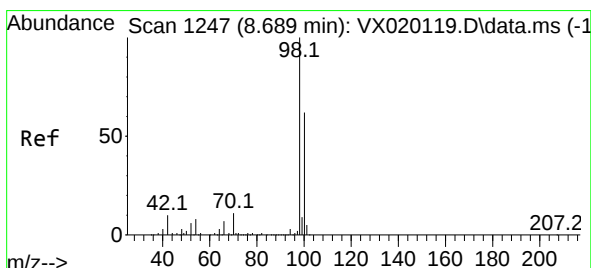
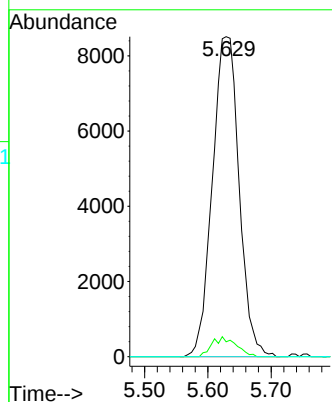
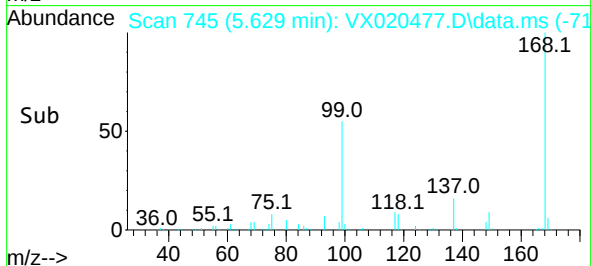


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

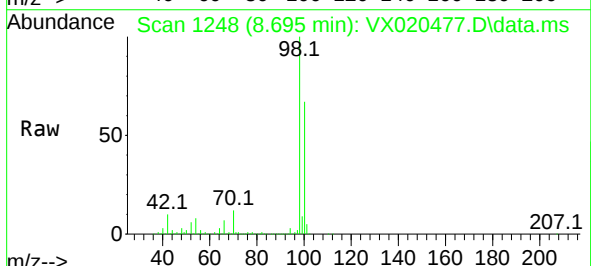
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



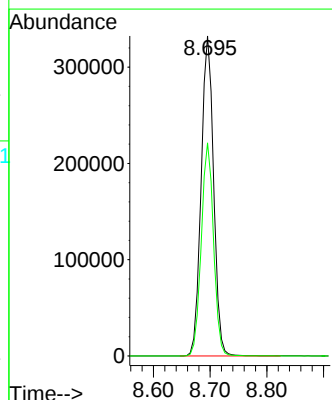
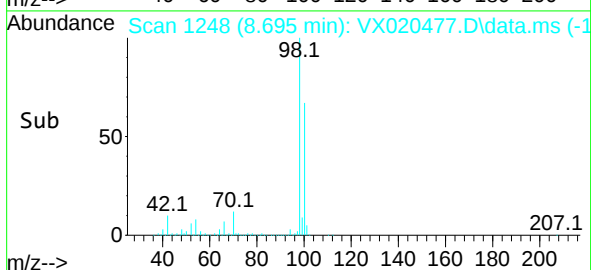
Tgt Ion:117 Resp: 24924
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

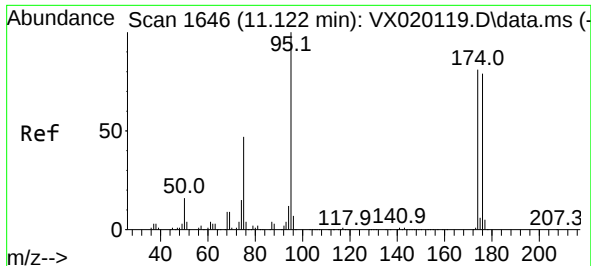


#50
Toluene-d8
Concen: 49.72 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51



Tgt Ion: 98 Resp: 507418
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

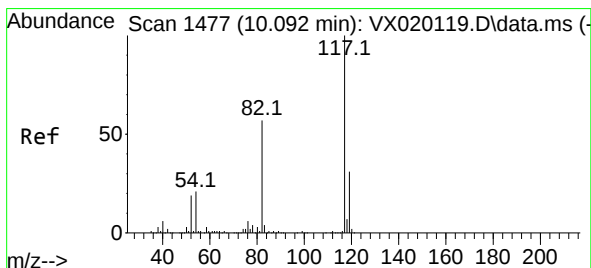
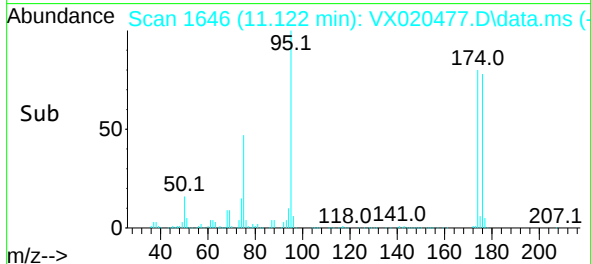
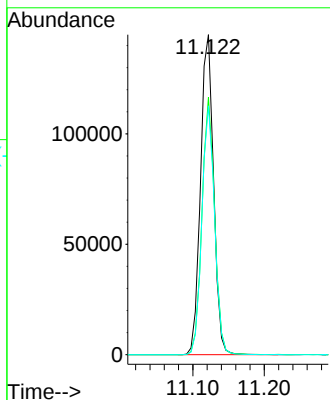
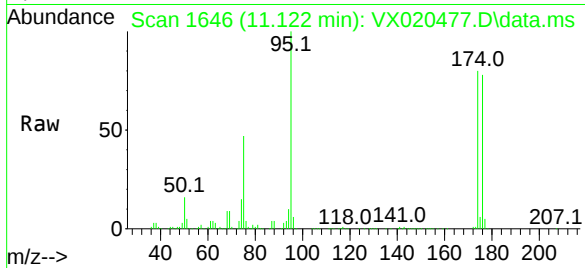




#62
4-Bromofluorobenzene
Concen: 46.95 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

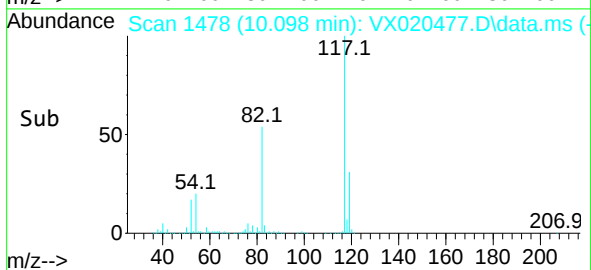
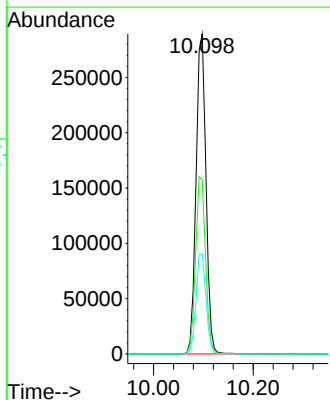
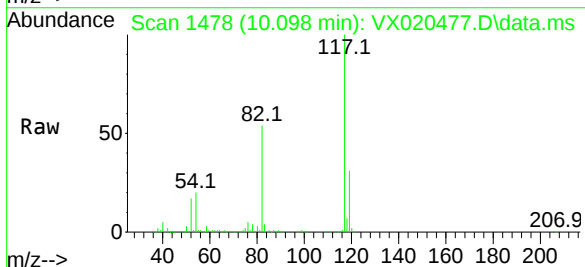
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

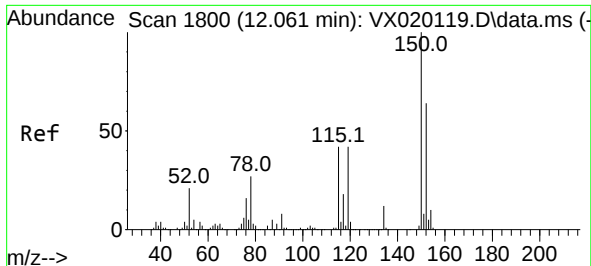
Tgt Ion: 95 Resp: 183366
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 75.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

Tgt Ion: 117 Resp: 399008
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 31.3 26.6 39.8

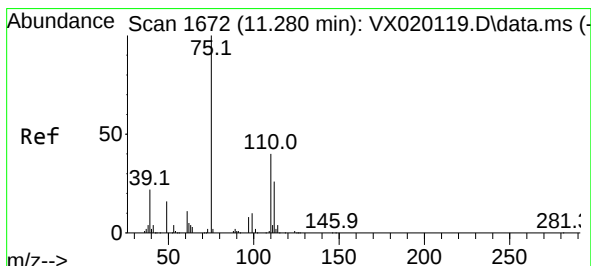
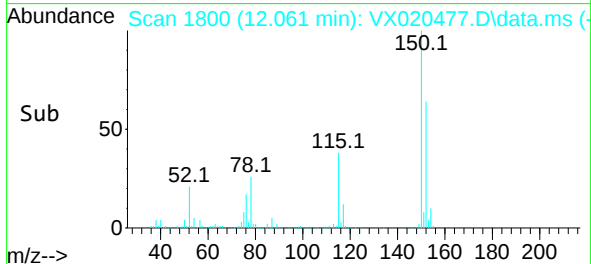
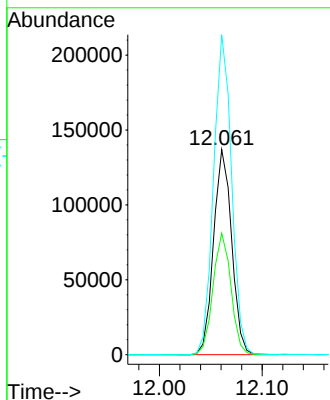
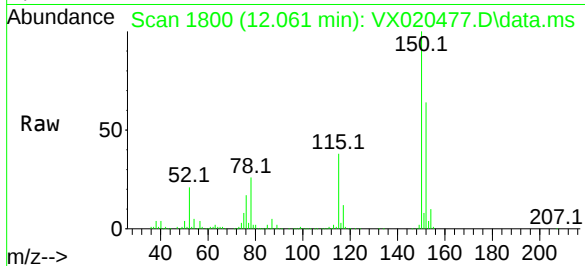




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

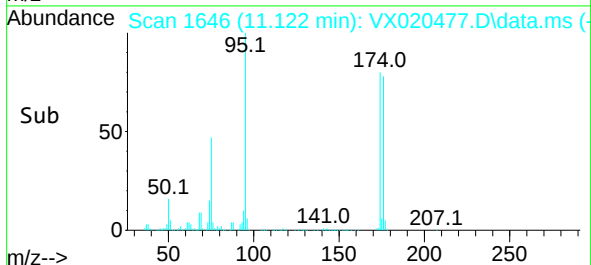
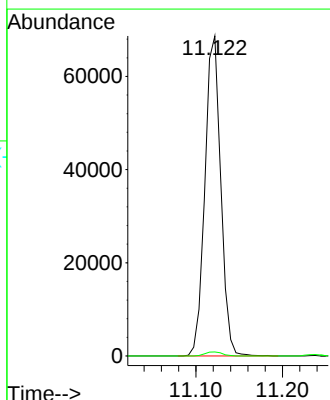
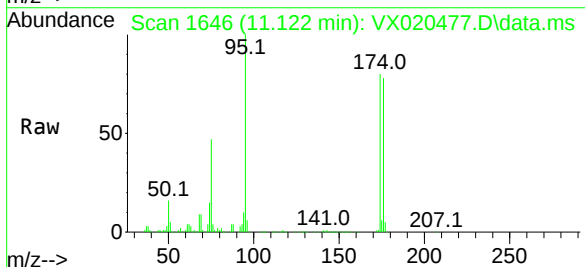
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

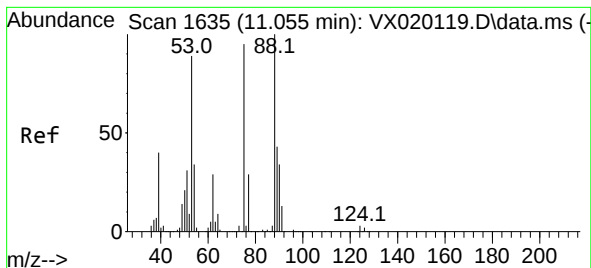
Tgt Ion:152 Resp: 167148
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 155.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

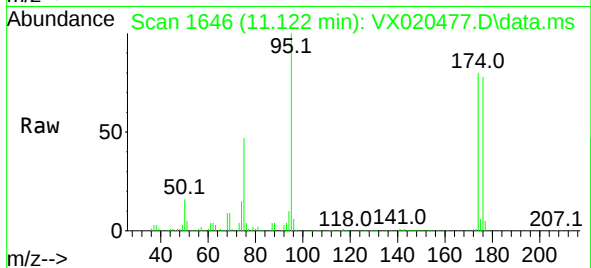
Tgt Ion: 75 Resp: 87327
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



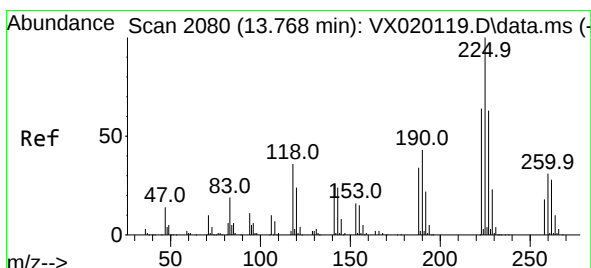
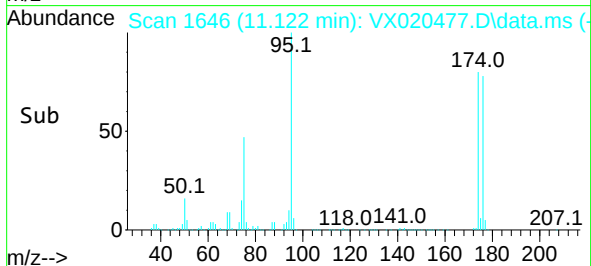
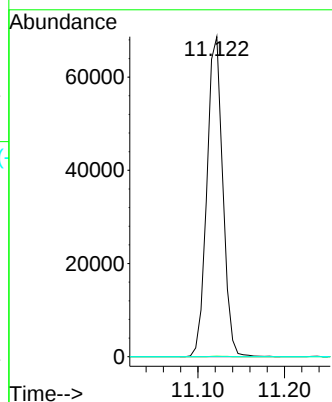


#81
trans-1,4-Dichloro-2-butene
Concen: 62.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

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

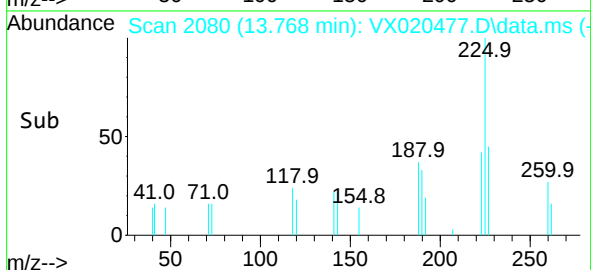
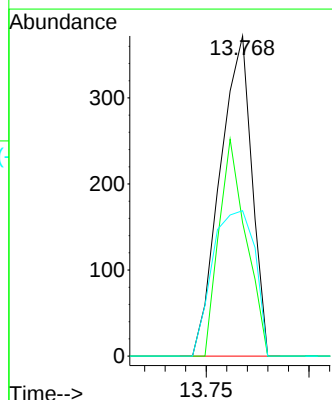
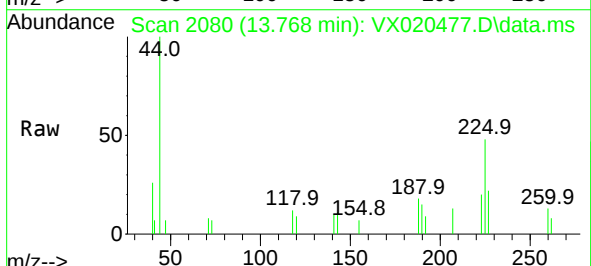


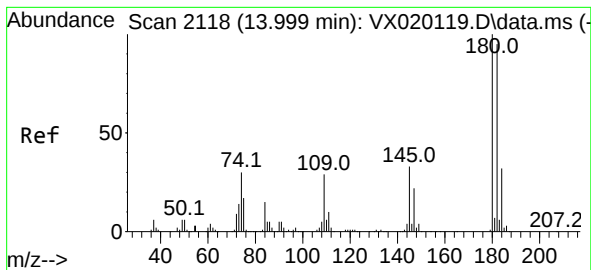
Tgt Ion: 75 Resp: 87327
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.89 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VX020477.D
Acq: 31 Dec 2020 12:51

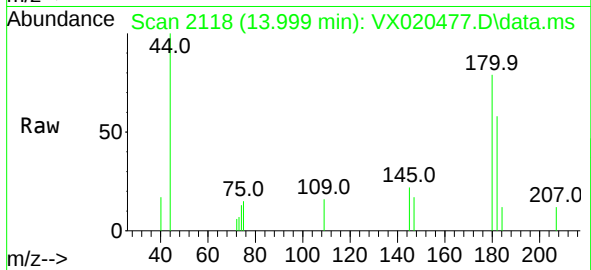
Tgt Ion: 225 Resp: 399
Ion Ratio Lower Upper
225 100
223 57.6 31.1 93.2
227 60.9 31.6 95.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.999 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VX020477.D
 Acq: 31 Dec 2020 12:51

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



Tgt Ion:	180	Resp:	752
Ion Ratio	Lower	Upper	
180	100		
182	75.9	47.6	142.9
145	29.4	16.1	48.3

