

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020150.D
 Acq On : 19 Dec 2020 05:28
 Operator : JC/MD
 Sample : L5126-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONTAINMENT-DEBRIS

Quant Time: Dec 19 06:39:43 2020
 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)

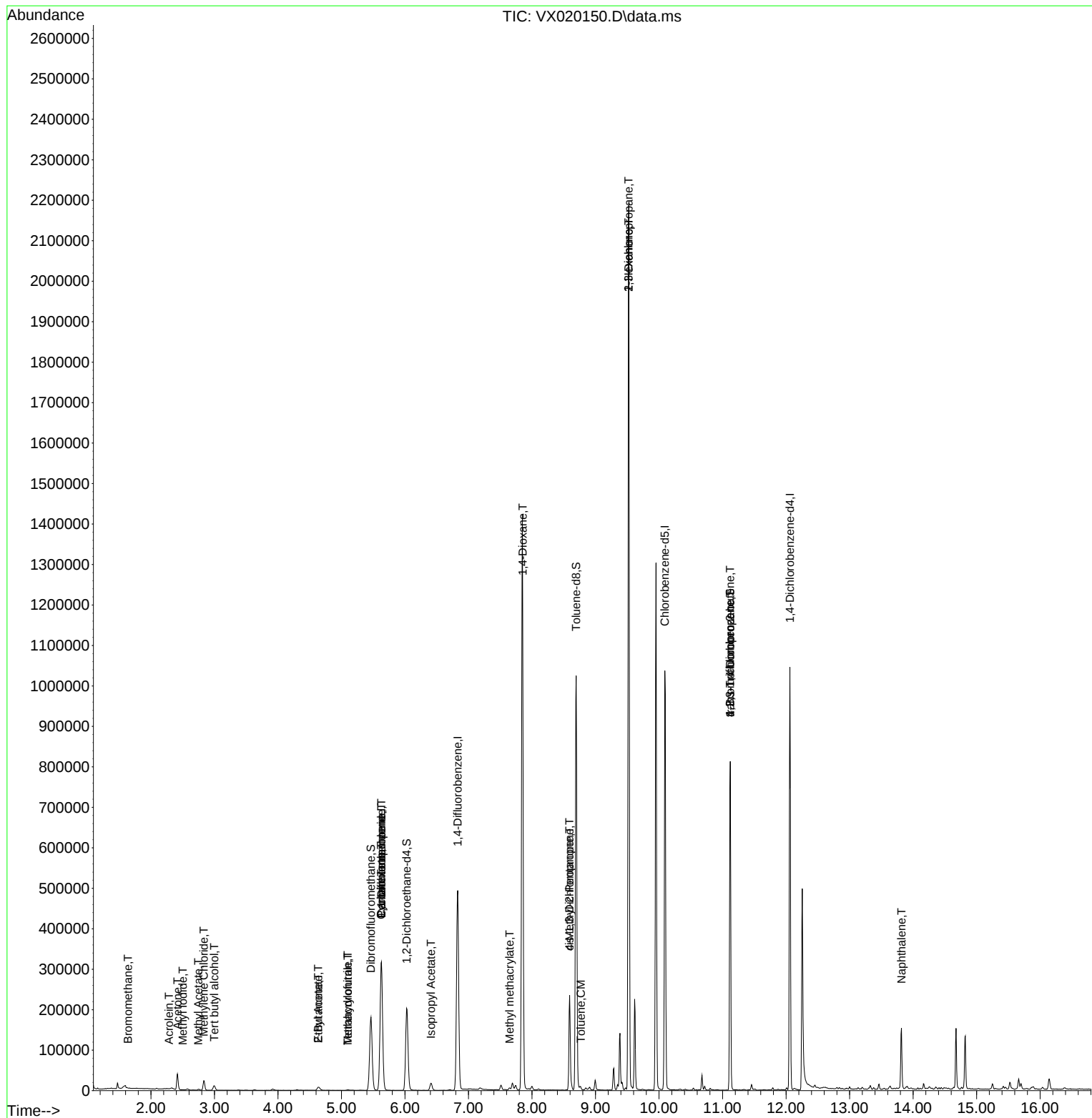
Internal Standards						
1) Pentafluorobenzene	5.629	168	303021	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	507774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	486140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	195695	48.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.36%		
35) Dibromofluoromethane	5.464	113	158467	48.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.58%		
50) Toluene-d8	8.695	98	629388	50.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.68%		
62) 4-Bromofluorobenzene	11.122	95	223804	46.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.54%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	534	0.40	ug/l	94
10) Methyl Iodide	2.501	142	217	3.34	ug/l #	42
11) Tert butyl alcohol	2.995	59	8761	9.63	ug/l #	86
13) Acrolein	2.282	56	308	0.54	ug/l #	46
16) Acetone	2.416	43	39605	21.38	ug/l	98
18) Methyl Acetate	2.745	43	2898	0.70	ug/l	96
20) Methylene Chloride	2.831	84	11307	2.71	ug/l	96
25) 2-Butanone	4.635	43	11039	4.09	ug/l	96
29) Tetrahydrofuran	5.099	42	1229	0.72	ug/l #	81
31) Cyclohexane	5.623	56	5842	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	24125	4.81	ug/l #	48
37) Ethyl Acetate	4.635	43	11039	2.12	ug/l #	64
38) Carbon Tetrachloride	5.629	117	30259	6.34	ug/l #	16
41) Methacrylonitrile	5.099	41	848	0.31	ug/l #	41
43) Isopropyl Acetate	6.409	43	23018	2.80	ug/l	99
48) Methyl methacrylate	7.647	41	7149	1.77	ug/l #	10
49) 1,4-Dioxane	7.854	88	207	2.19	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	75065	14.73	ug/l #	48
52) Toluene	8.769	92	1930	0.20	ug/l	96
54) cis-1,3-Dichloropropene	8.592	75	38352	6.17	ug/l #	61
57) 1,3-Dichloropropane	9.518	76	20194	3.02	ug/l #	43
59) 2-Hexanone	9.518	43	243266	62.63	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	109291	21.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	109291	62.35	ug/l #	12
95) Naphthalene	13.816	128	93191	6.39	ug/l	100

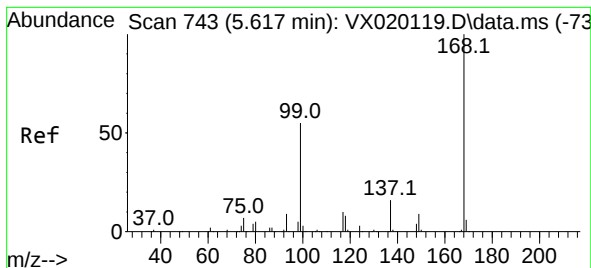
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
Data File : VX020150.D
Acq On : 19 Dec 2020 05:28
Operator : JC/MD
Sample : L5126-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

Quant Time: Dec 19 06:39:43 2020
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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.012 min

Lab File: VX020150.D

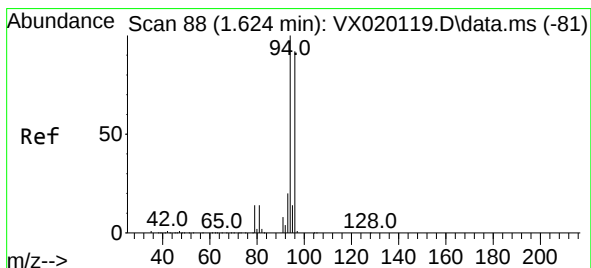
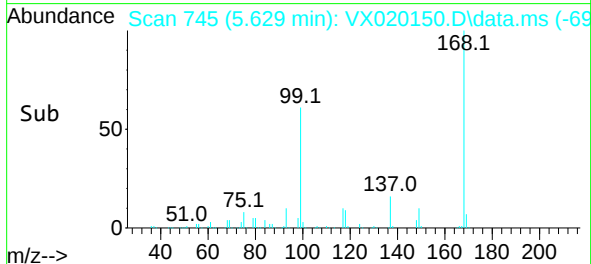
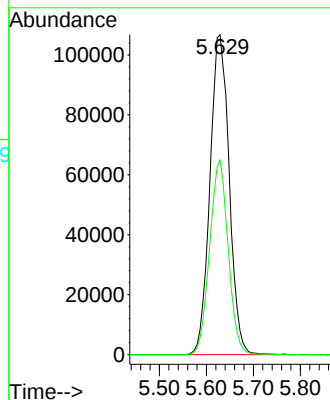
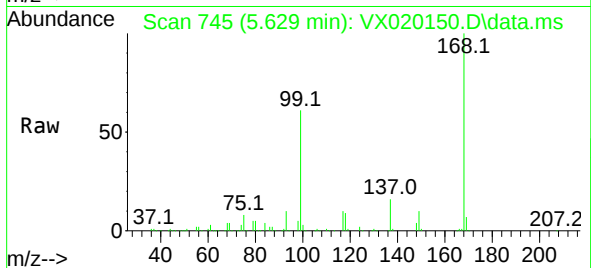
Acq: 19 Dec 2020 05:28

Tgt Ion:168 Resp: 303021

Ion Ratio Lower Upper

168 100

99 60.8 45.8 68.6



#5

Bromomethane

Concen: 0.40 ug/l

RT: 1.636 min Scan# 90

Delta R.T. 0.012 min

Lab File: VX020150.D

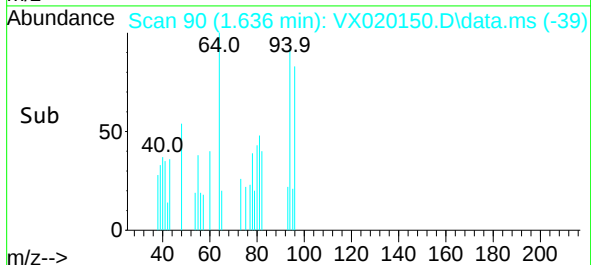
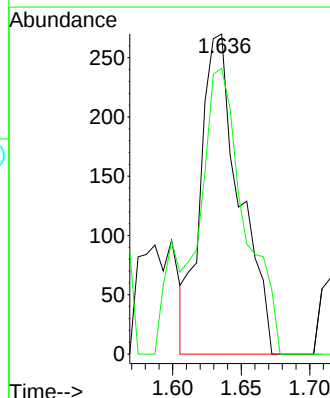
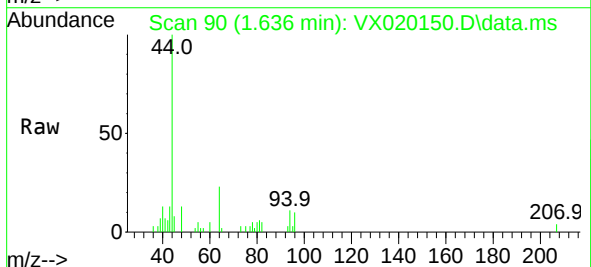
Acq: 19 Dec 2020 05:28

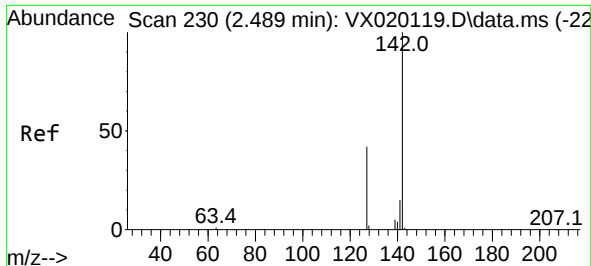
Tgt Ion: 94 Resp: 534

Ion Ratio Lower Upper

94 100

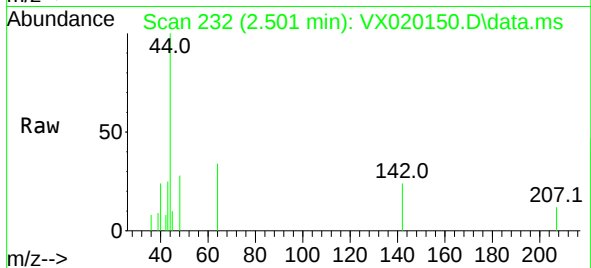
96 89.3 76.4 114.6



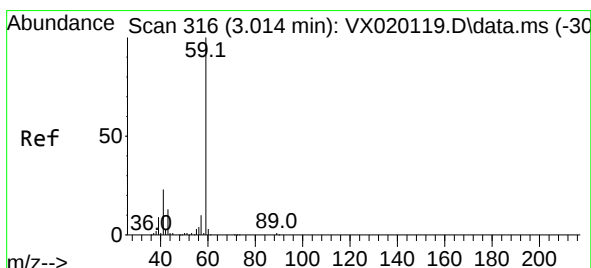
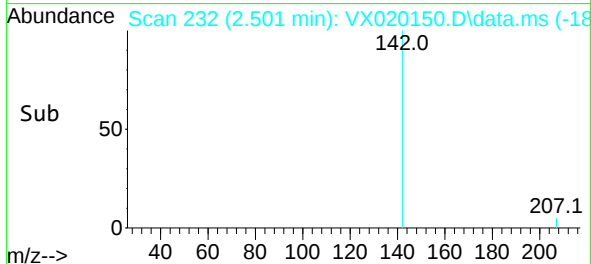
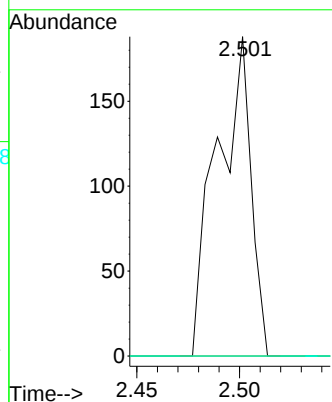


#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

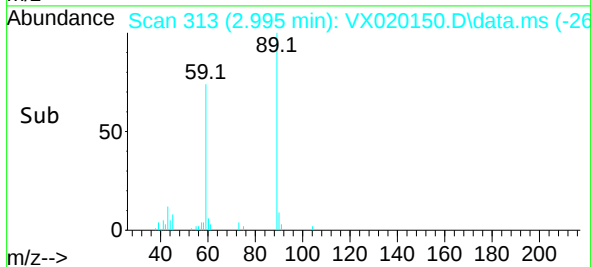
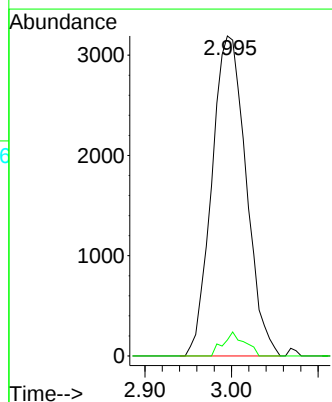
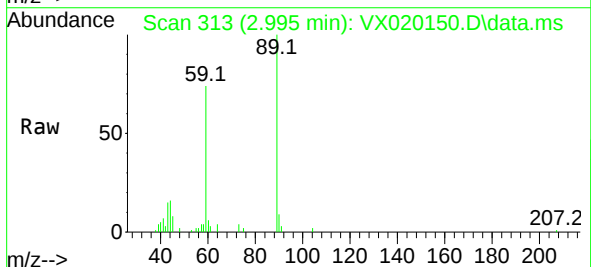


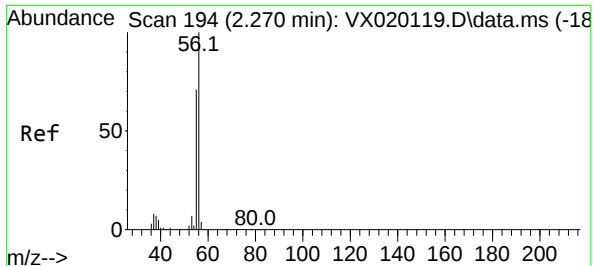
Tgt Ion:142 Resp: 217
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 9.63 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion: 59 Resp: 8761
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#

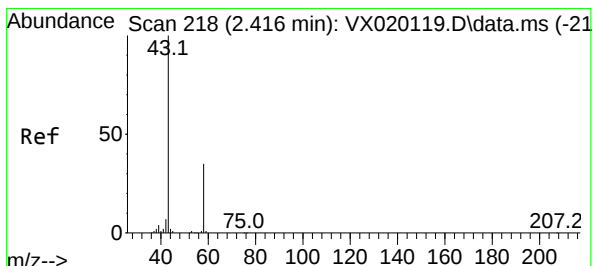
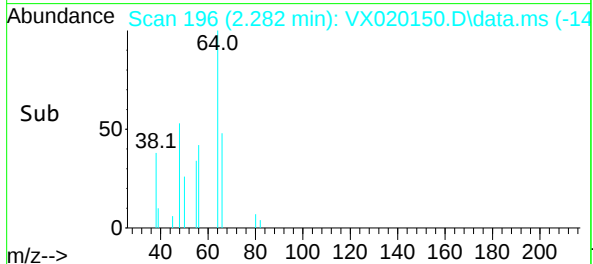
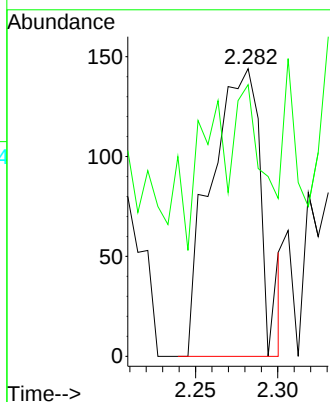
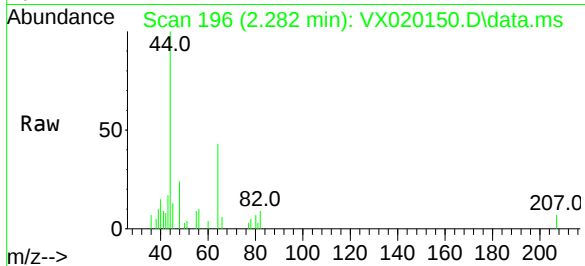




#13
Acrolein
Concen: 0.54 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

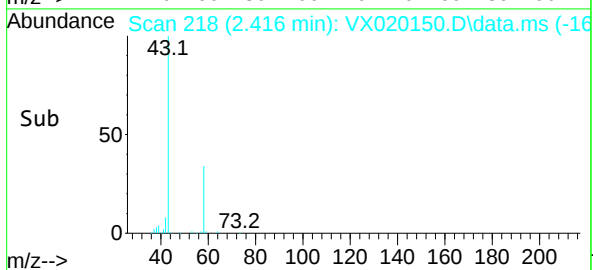
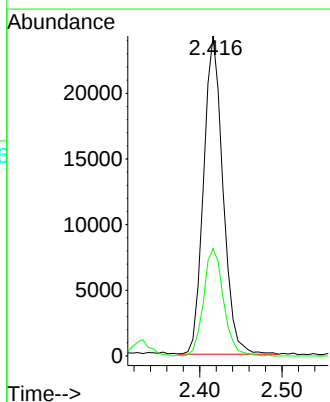
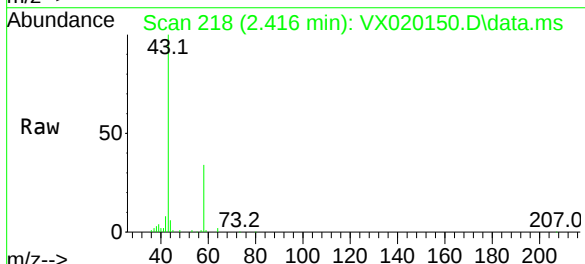
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

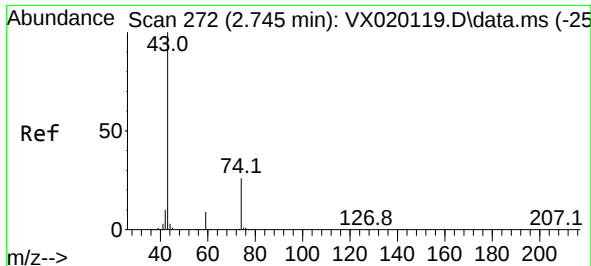
Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
55 26.3 56.4 84.6#



#16
Acetone
Concen: 21.38 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion: 43 Resp: 39605
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8

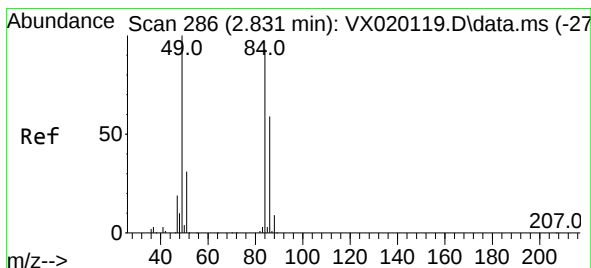
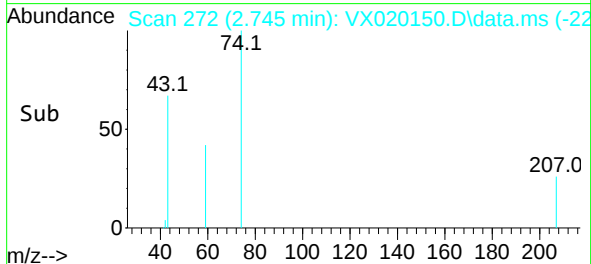
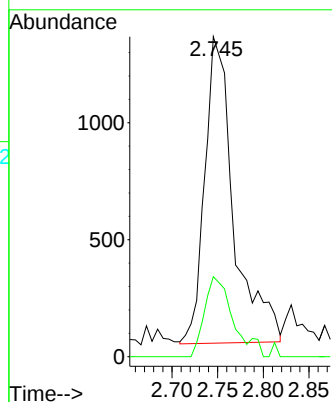
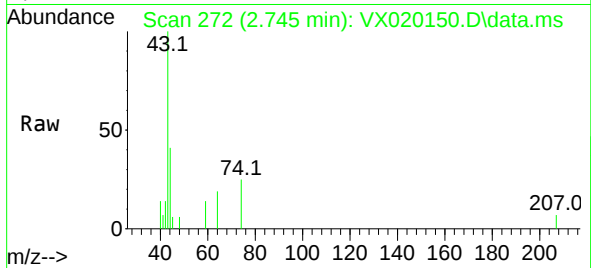




#18
Methyl Acetate
Concen: 0.70 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

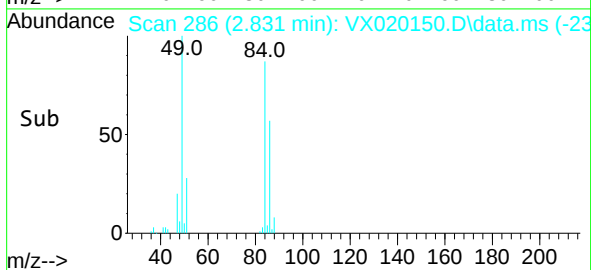
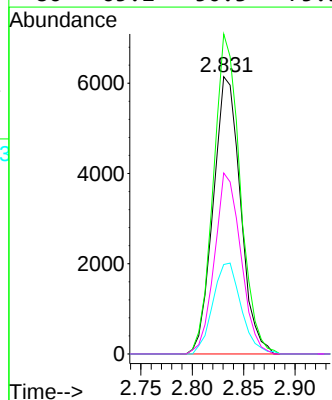
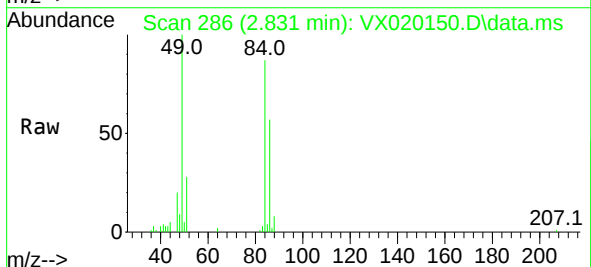
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

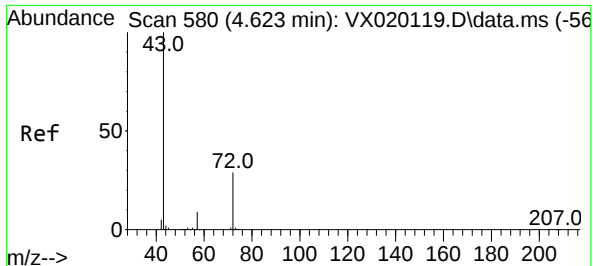
Tgt Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
74 25.5 21.9 32.9



#20
Methylene Chloride
Concen: 2.71 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion: 84 Resp: 11307
Ion Ratio Lower Upper
84 100
49 115.4 88.6 132.8
51 32.2 27.0 40.6
86 65.2 50.3 75.5

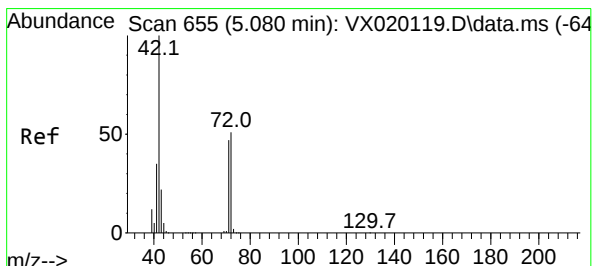
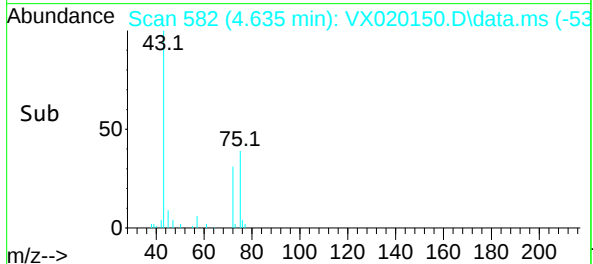
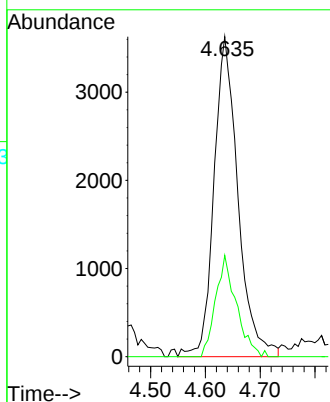
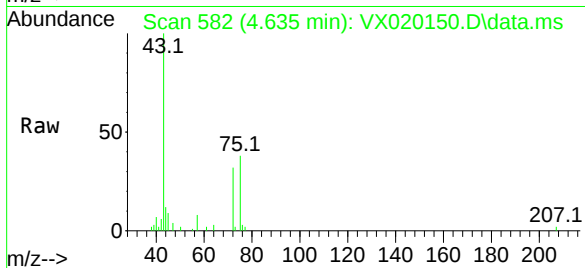




#25
2-Butanone
Concen: 4.09 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

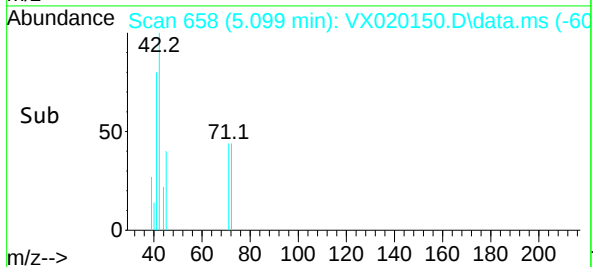
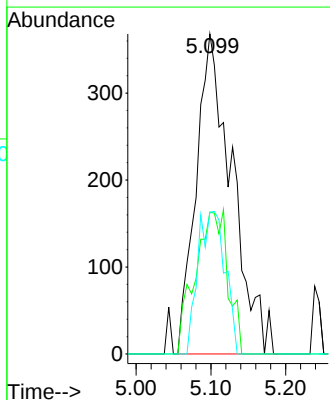
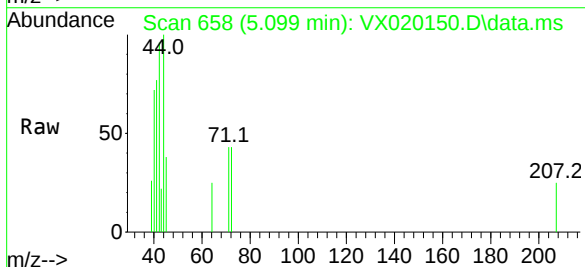
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

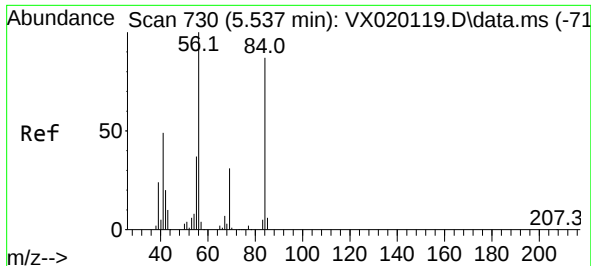
Tgt Ion: 43 Resp: 11039
Ion Ratio Lower Upper
43 100
72 31.7 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.72 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.019 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

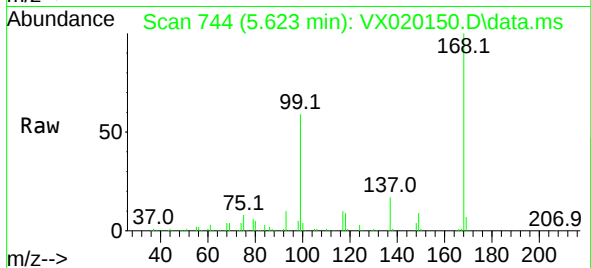
Tgt Ion: 42 Resp: 1229
Ion Ratio Lower Upper
42 100
72 40.6 41.7 62.5#
71 33.7 38.4 57.6#



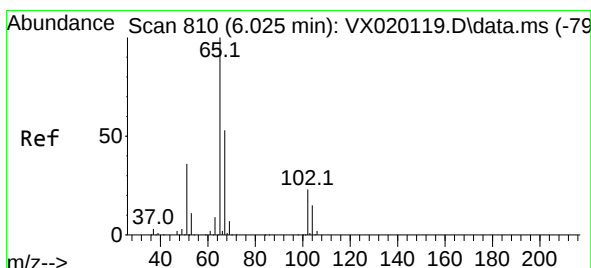
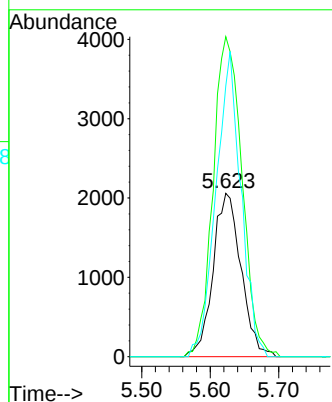
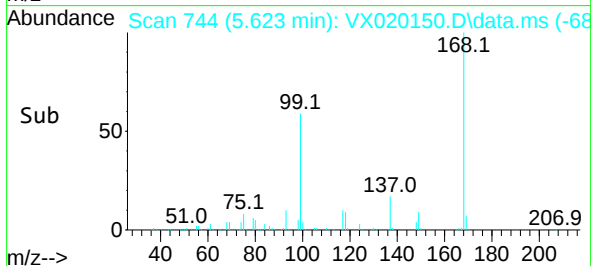


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

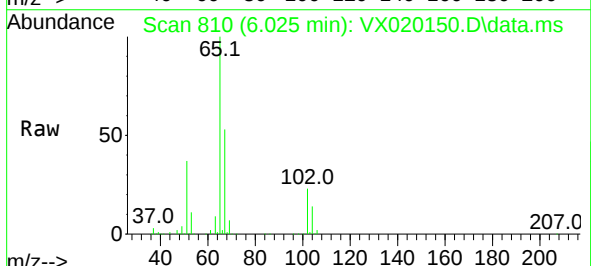
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS



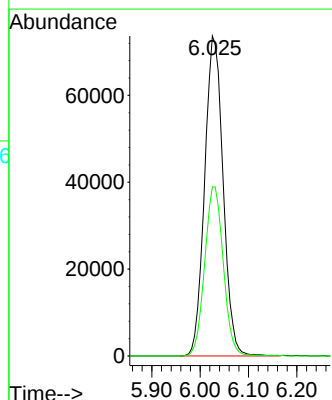
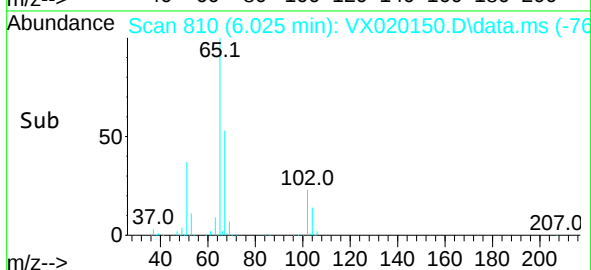
Tgt Ion: 56 Resp: 5842
Ion Ratio Lower Upper
56 100
69 195.8 25.3 37.9#
84 165.7 71.4 107.0#

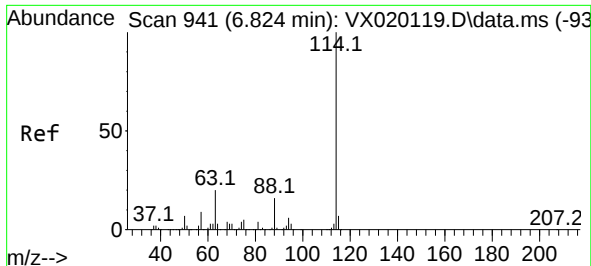


#33
1,2-Dichloroethane-d4
Concen: 48.18 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28



Tgt Ion: 65 Resp: 195695
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

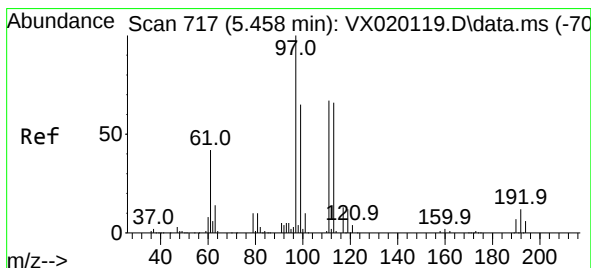
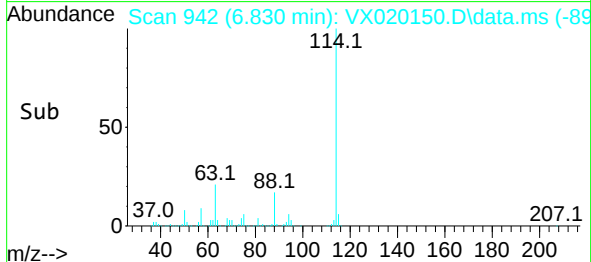
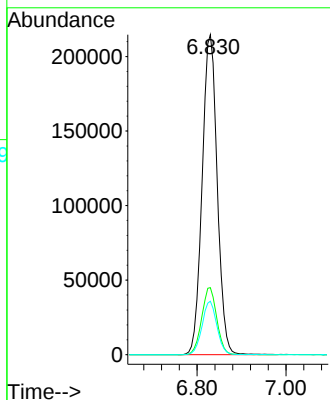
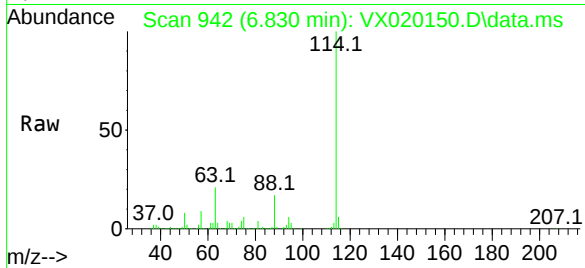




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

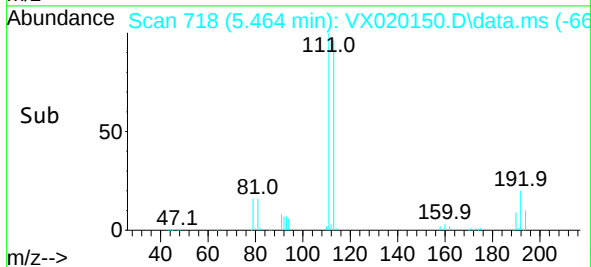
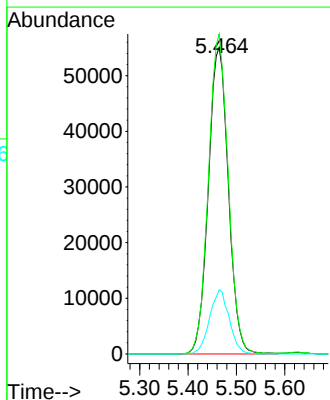
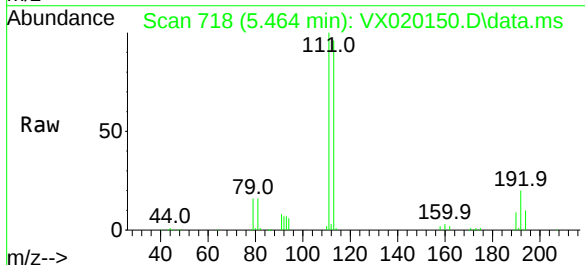
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

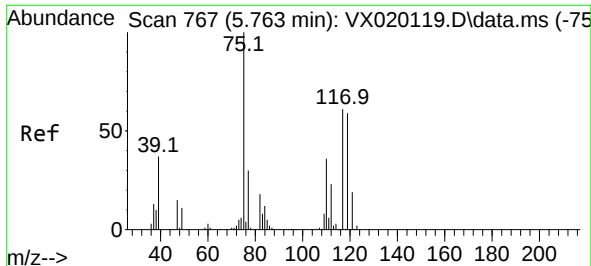
Tgt Ion:114 Resp: 507774
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.79 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion:113 Resp: 158467
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.5 16.7 25.1

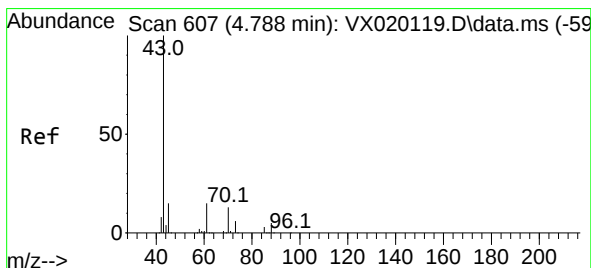
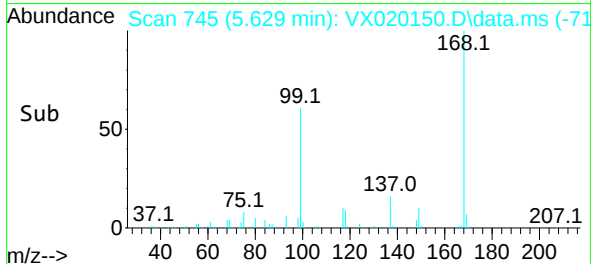
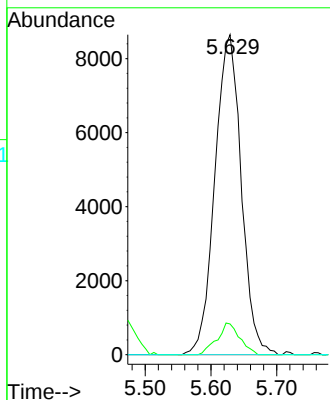
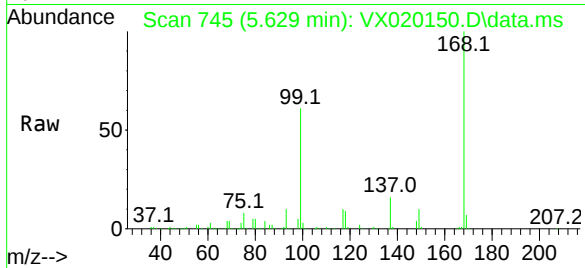




#36
1,1-Dichloropropene
Concen: 4.81 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

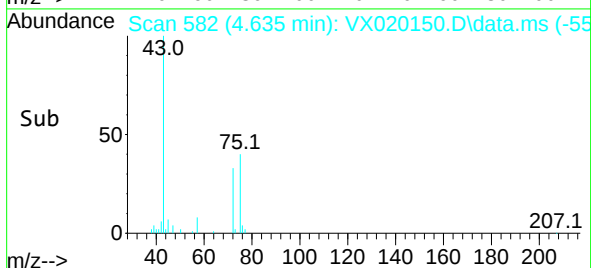
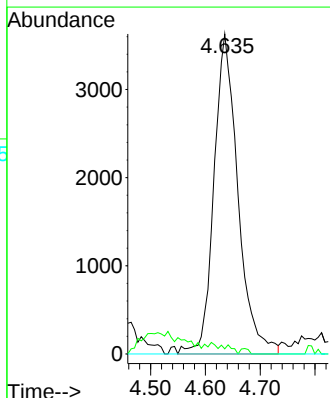
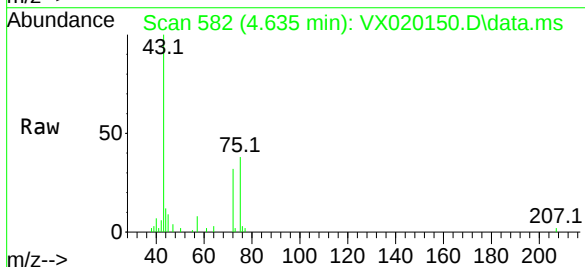
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

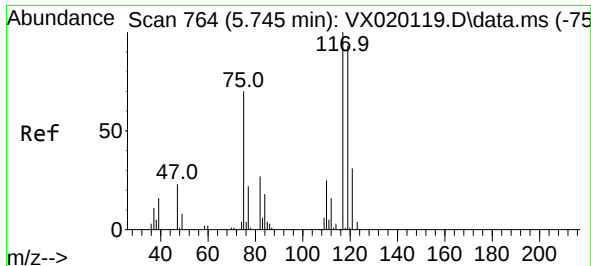
Tgt Ion: 75 Resp: 24125
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.12 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.153 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

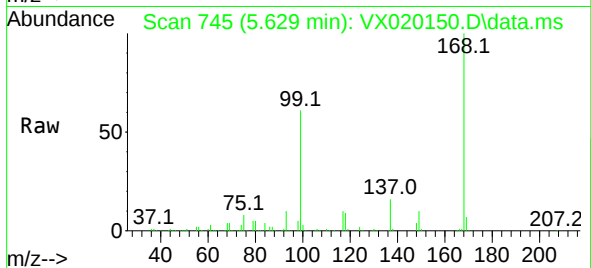
Tgt Ion: 43 Resp: 11039
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



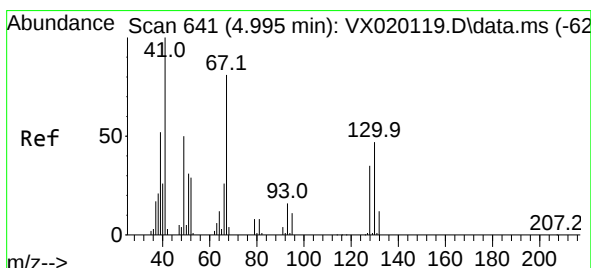
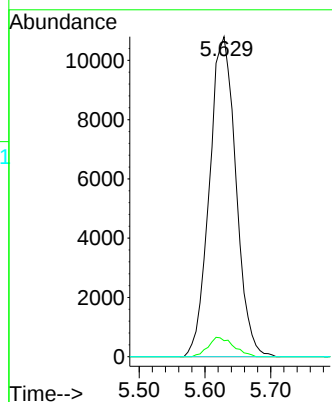
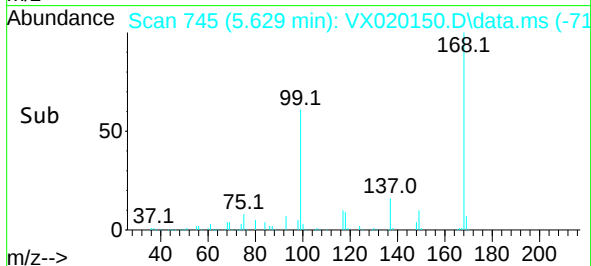


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

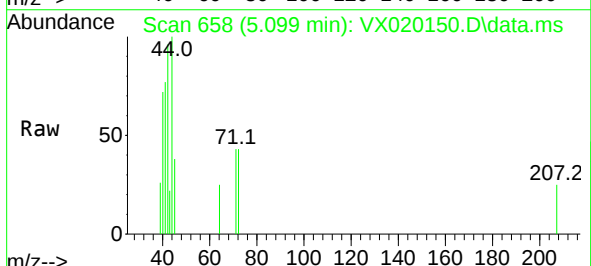
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS



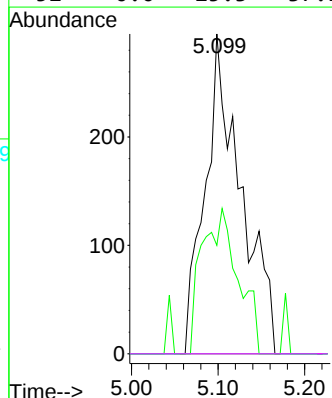
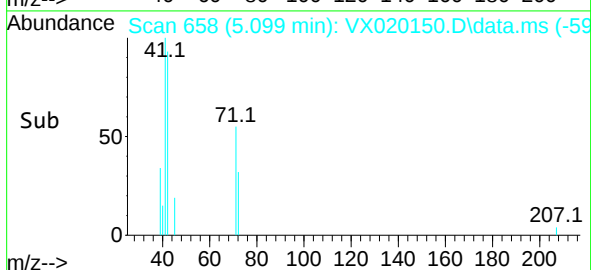
Tgt Ion:117 Resp: 30259
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

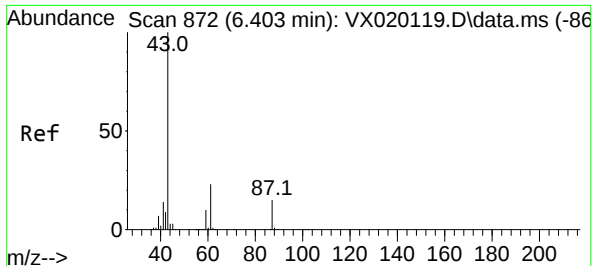


#41
Methacrylonitrile
Concen: 0.31 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.104 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28



Tgt Ion: 41 Resp: 848
Ion Ratio Lower Upper
41 100
39 45.9 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

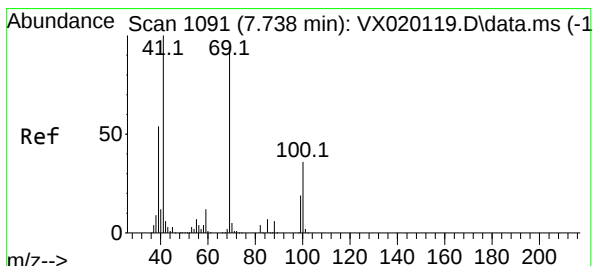
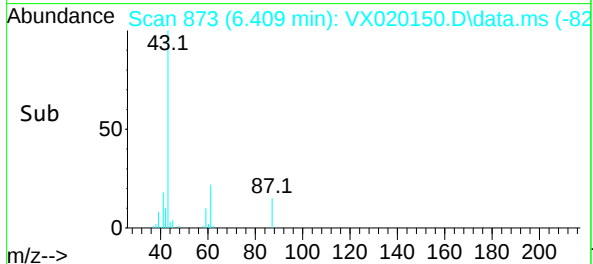
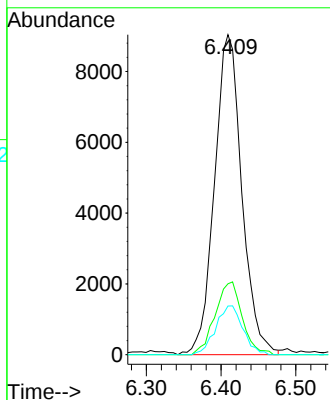
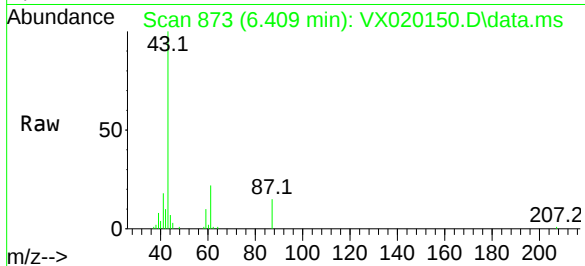




#43
Isopropyl Acetate
Concen: 2.80 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

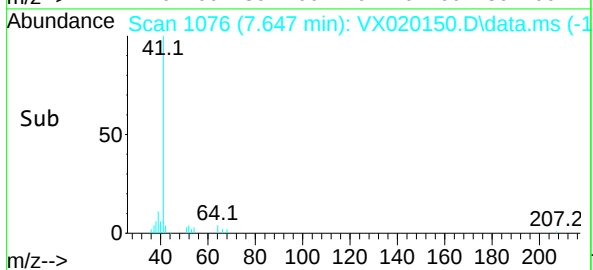
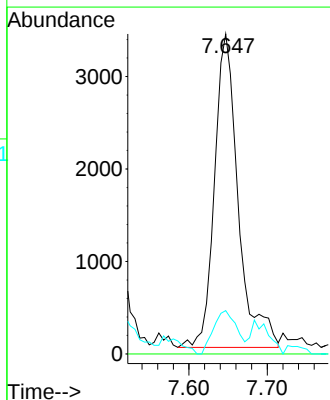
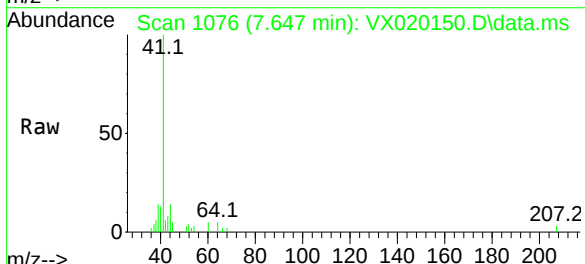
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

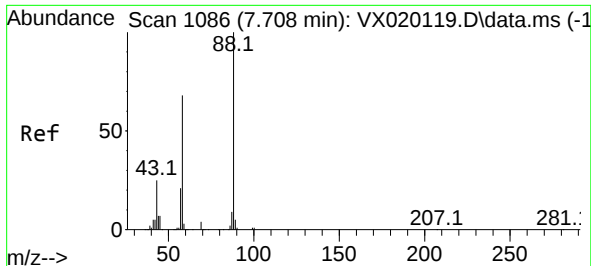
Tgt Ion:	43	Resp:	23018
Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.4
87	15.1	12.5	18.7



#48
Methyl methacrylate
Concen: 1.77 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion:	41	Resp:	7149
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#





#49

1,4-Dioxane

Concen: 2.19 ug/l

RT: 7.854 min Scan# 1110

Delta R.T. 0.146 min

Lab File: VX020150.D

Acq: 19 Dec 2020 05:28

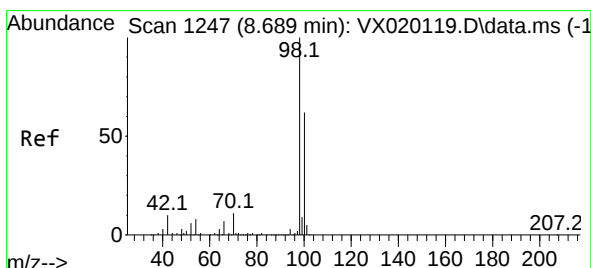
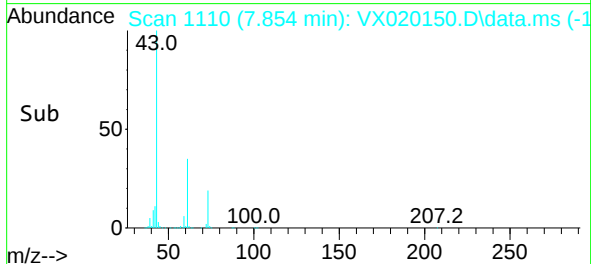
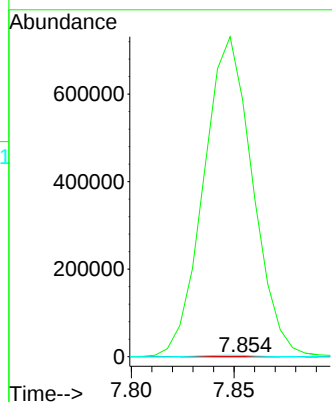
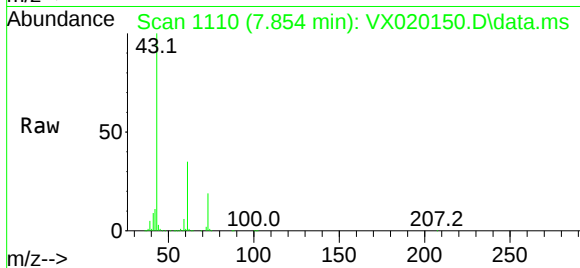
Tgt Ion: 88 Resp: 207

Ion Ratio Lower Upper

88 100

43 589002.4 23.2 34.8#

58 2916.9 55.0 82.4#



#50

Toluene-d8

Concen: 50.34 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. 0.006 min

Lab File: VX020150.D

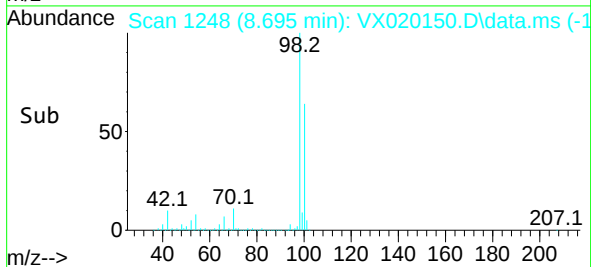
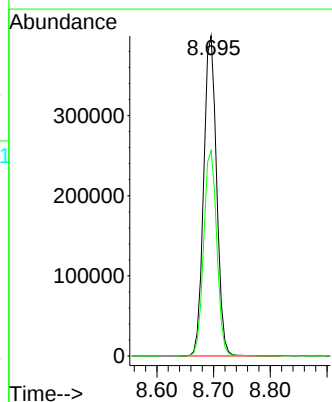
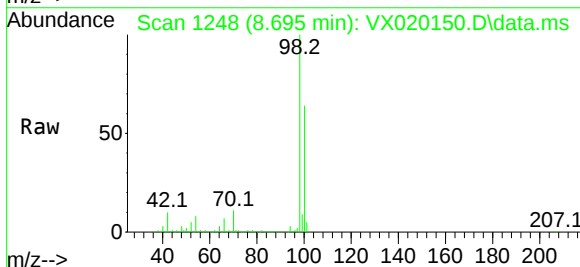
Acq: 19 Dec 2020 05:28

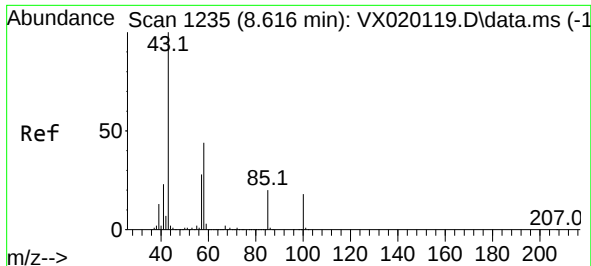
Tgt Ion: 98 Resp: 629388

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

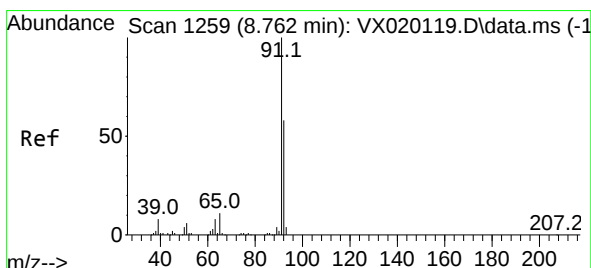
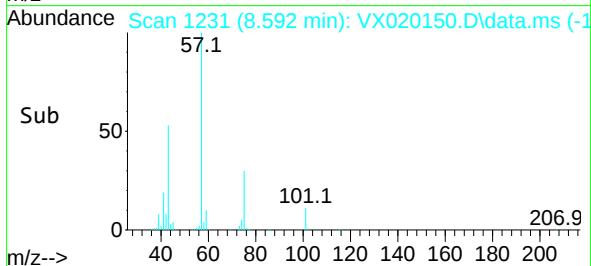
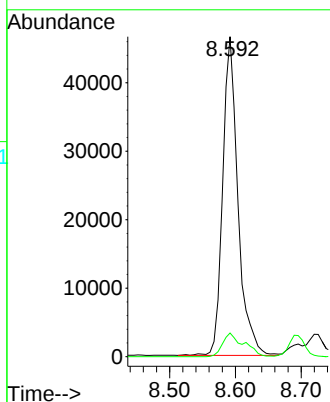
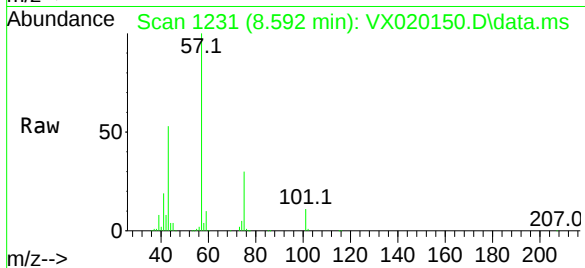




#51
4-Methyl-2-Pentanone
Concen: 14.73 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

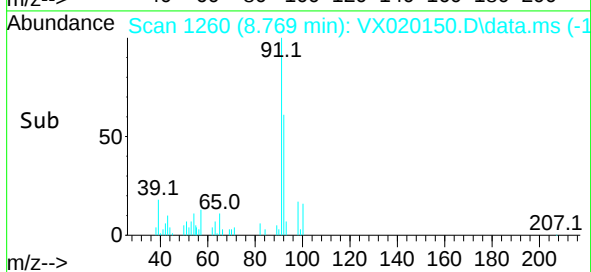
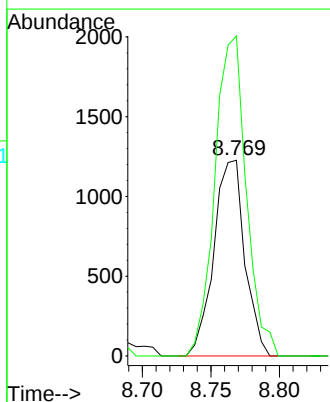
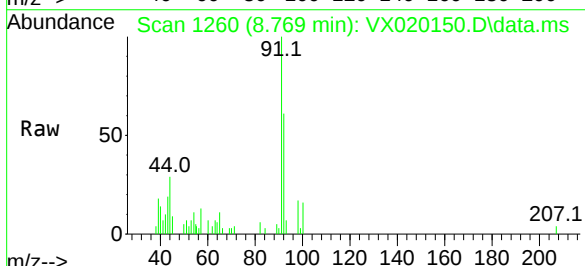
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

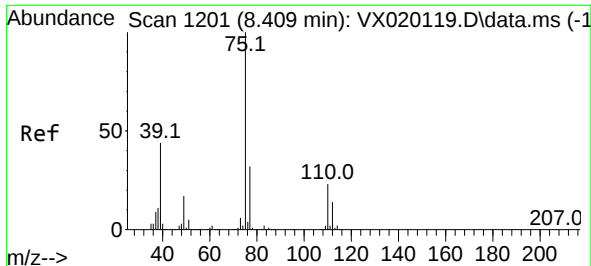
Tgt Ion: 43 Resp: 75065
Ion Ratio Lower Upper
43 100
58 10.4 35.4 53.0#



#52
Toluene
Concen: 0.20 ug/l
RT: 8.769 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion: 92 Resp: 1930
Ion Ratio Lower Upper
92 100
91 165.8 137.1 205.7

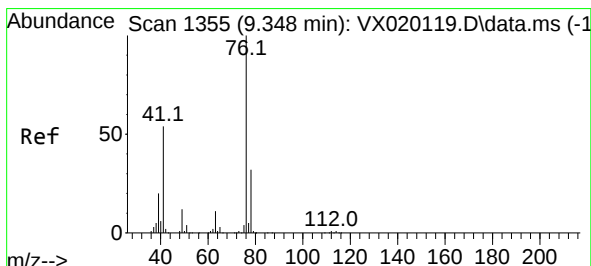
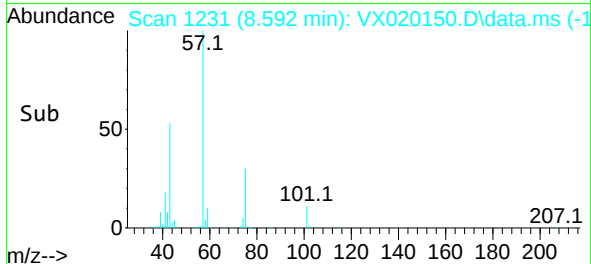
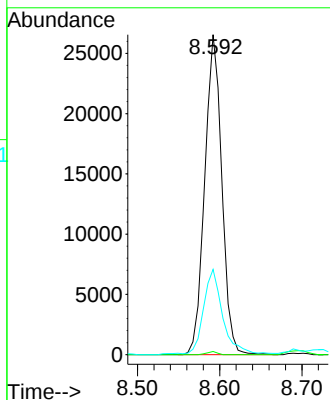
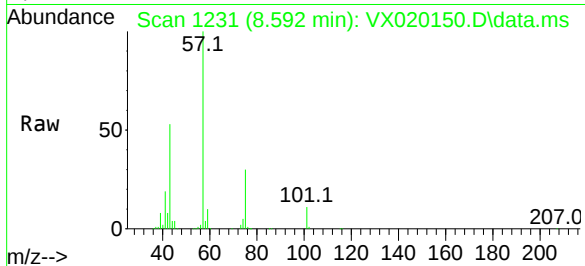




#54
cis-1,3-Dichloropropene
Concen: 6.17 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

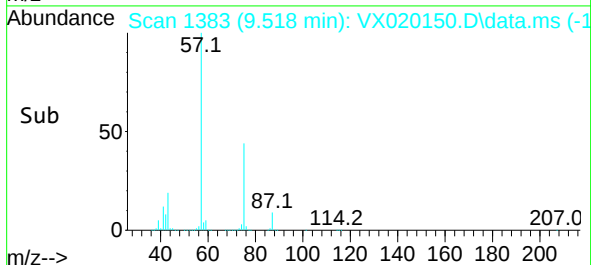
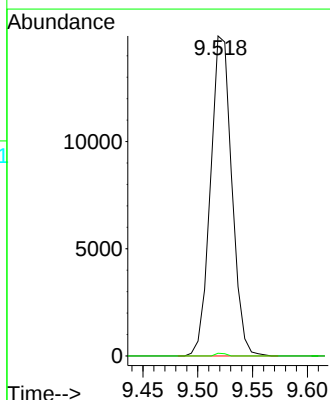
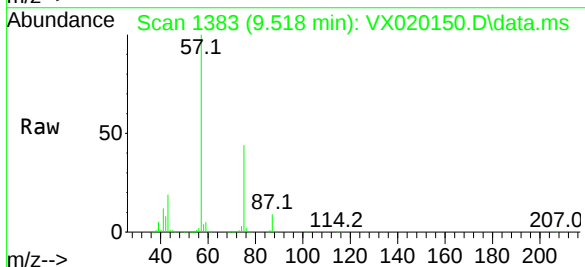
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

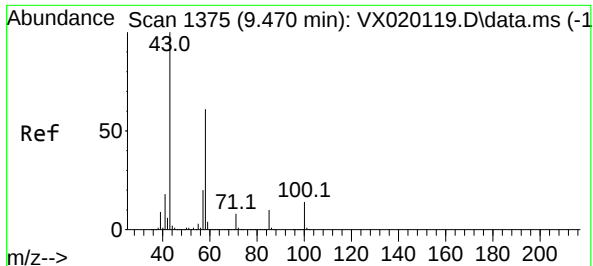
Tgt Ion: 75 Resp: 38352
Ion Ratio Lower Upper
75 100
77 1.0 25.7 38.5#
39 26.3 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 3.02 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.170 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion: 76 Resp: 20194
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#

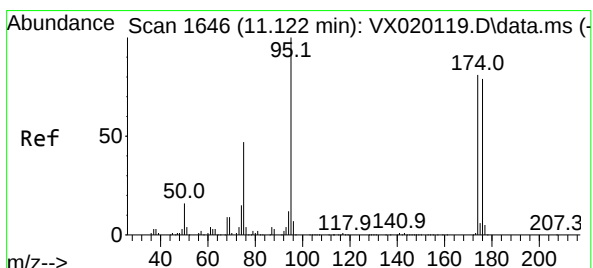
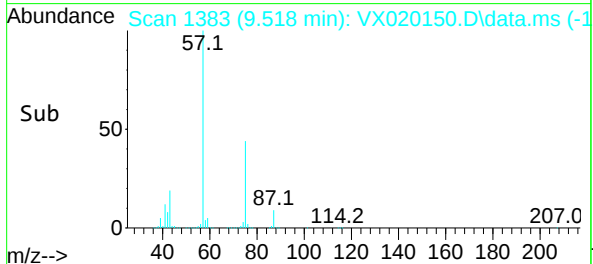
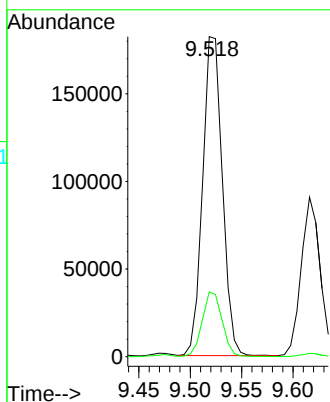
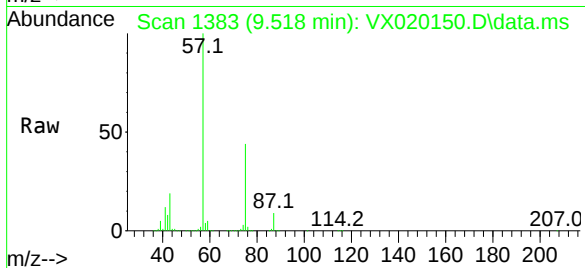




#59
2-Hexanone
Concen: 62.63 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.048 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

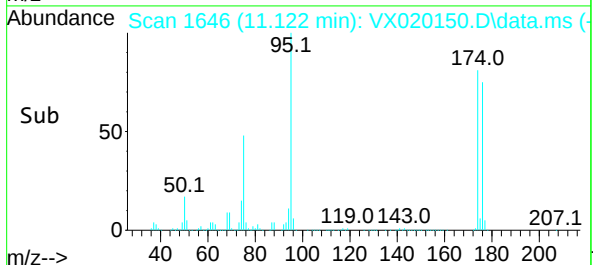
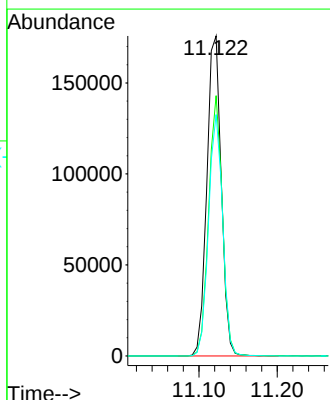
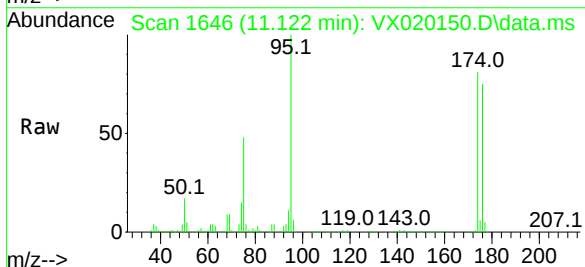
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

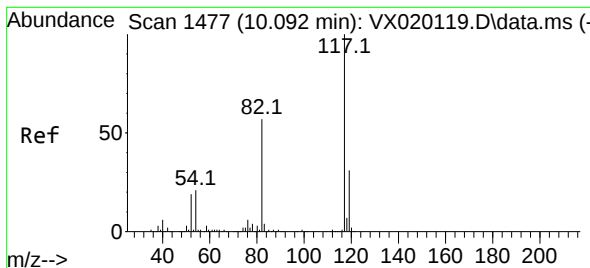
Tgt Ion: 43 Resp: 243266
Ion Ratio Lower Upper
43 100
58 20.6 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.77 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion: 95 Resp: 223804
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 74.0 0.0 155.8

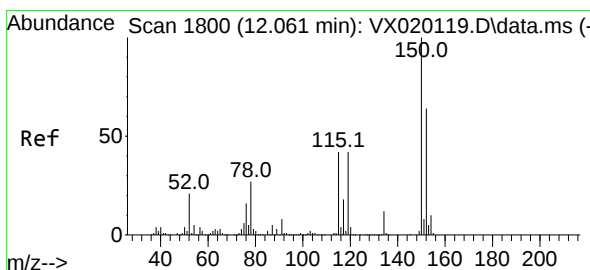
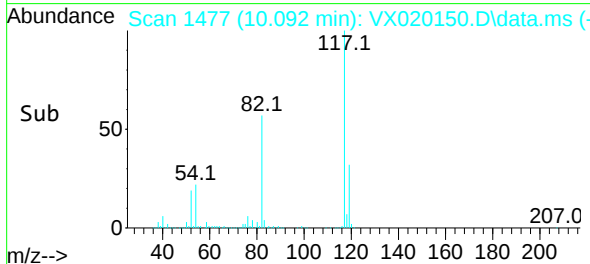
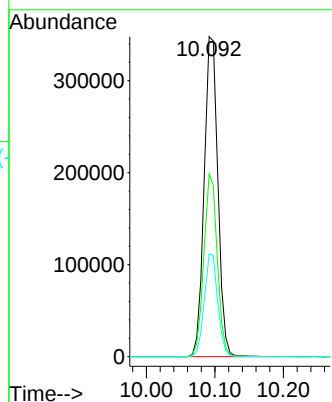
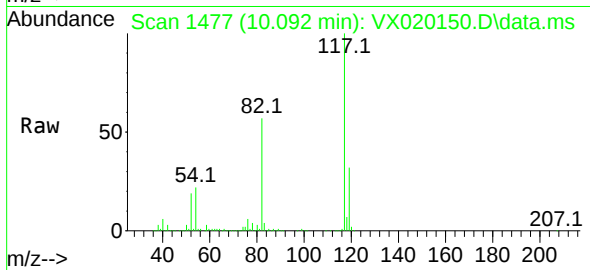




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

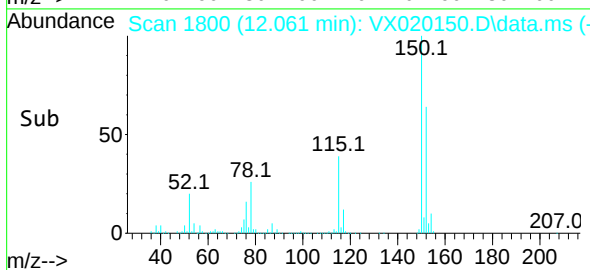
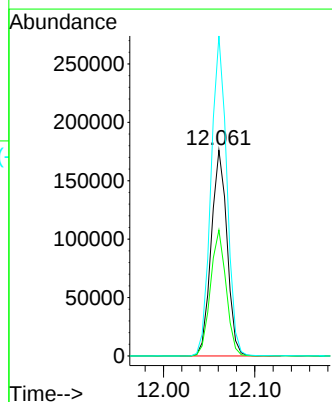
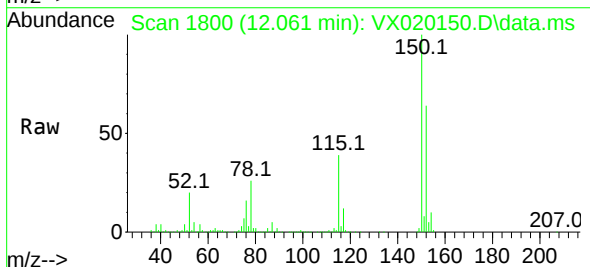
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

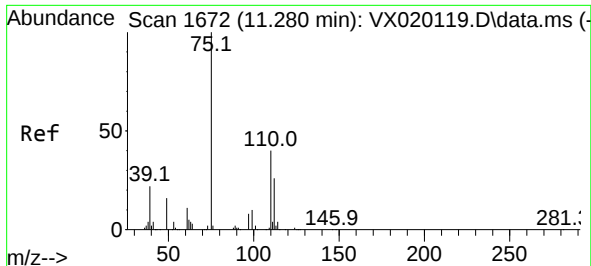
Tgt Ion:117 Resp: 486140
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion:152 Resp: 211125
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.4 0.0 349.0

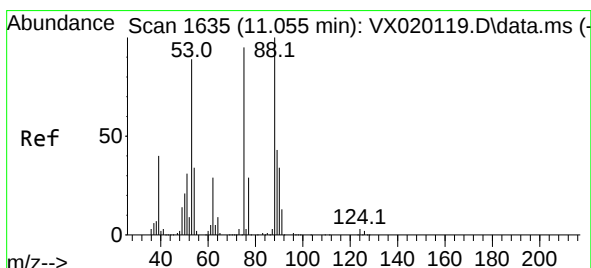
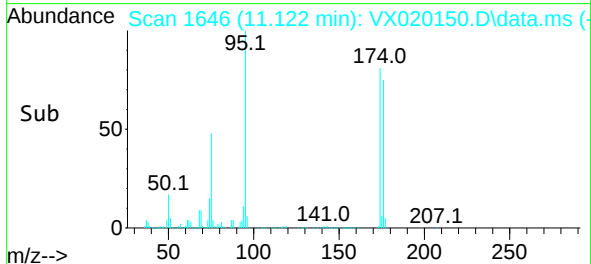
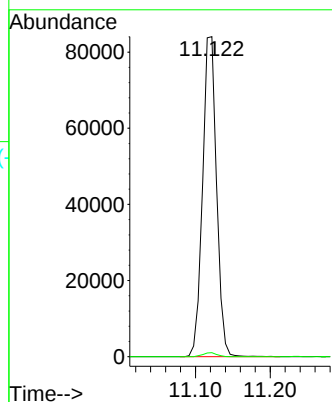
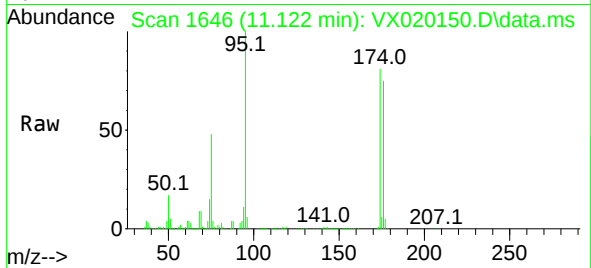




#76
1,2,3-Trichloropropane
Concen: 21.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

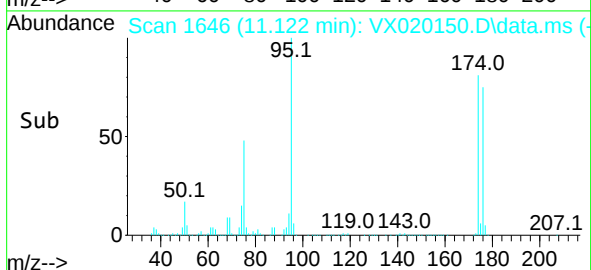
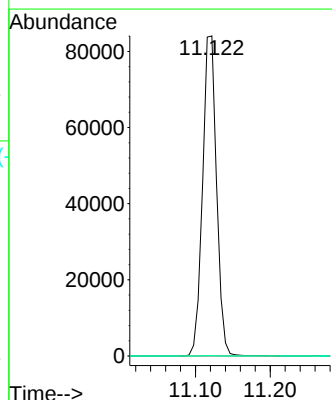
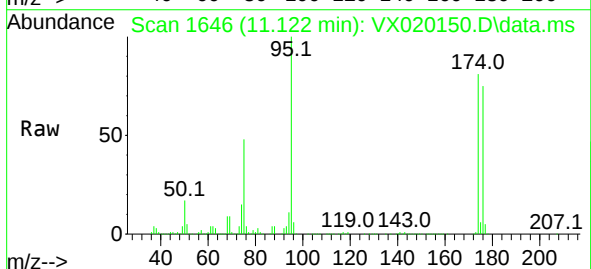
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

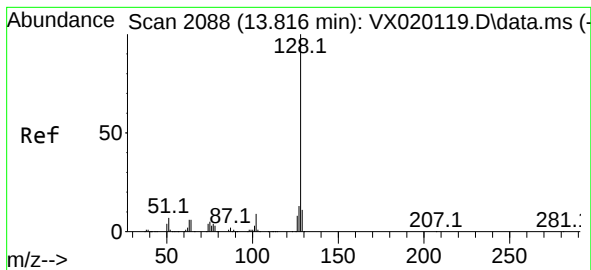
Tgt Ion: 75 Resp: 109291
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.35 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Tgt Ion: 75 Resp: 109291
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 6.39 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020150.D
Acq: 19 Dec 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

Tgt Ion:128 Resp: 93191
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.3 8.8 13.2

