

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020129.D
 Acq On : 18 Dec 2020 16:23
 Operator : JC/MD
 Sample : L5126-10
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONTAINMENT-DEBRIS

Quant Time: Dec 19 04:47:20 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)

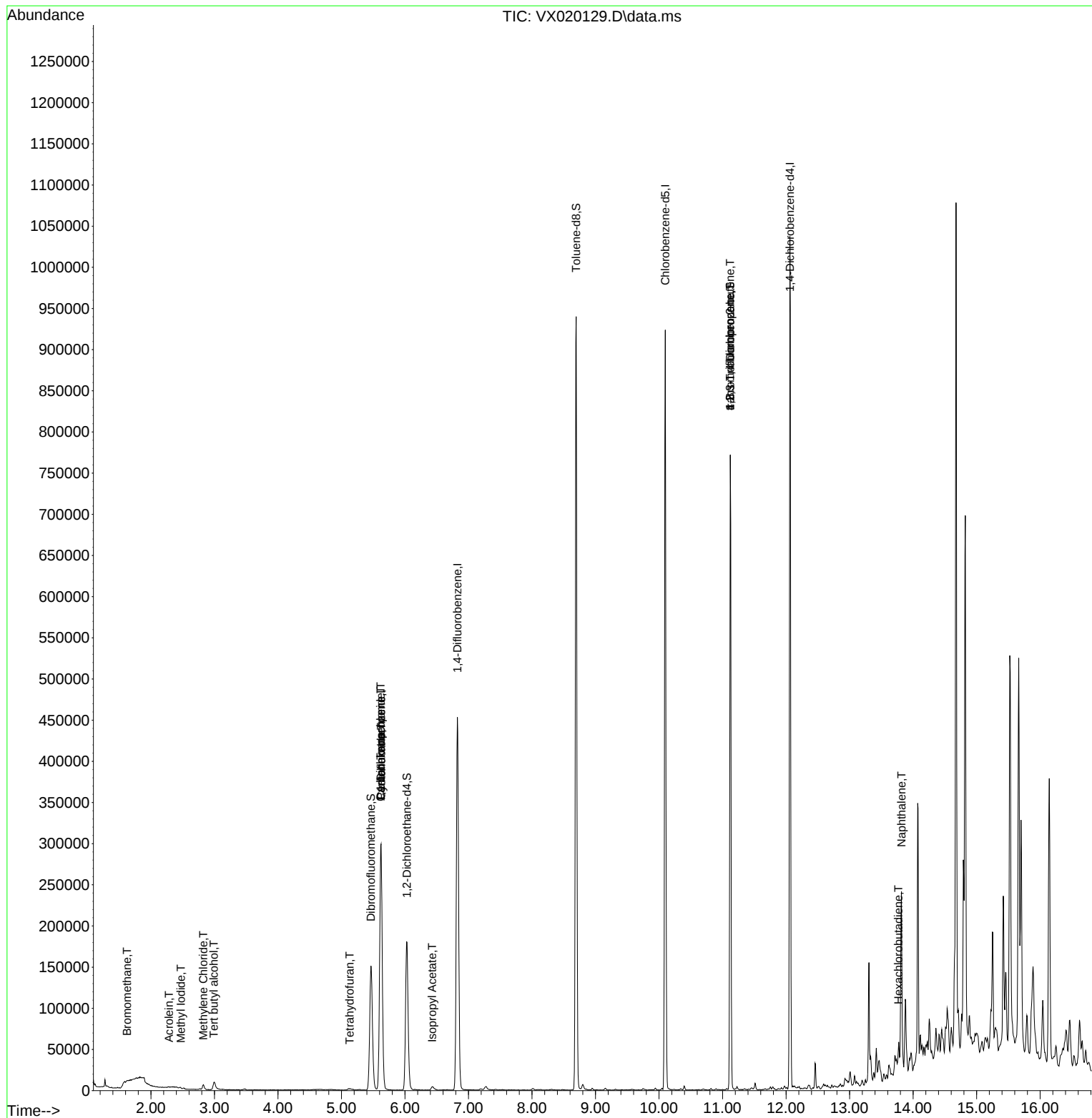
Internal Standards						
1) Pentafluorobenzene	5.623	168	292842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	490170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	452085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	214421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	182026	46.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.74%		
35) Dibromofluoromethane	5.464	113	141121	45.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.02%		
50) Toluene-d8	8.696	98	588492	48.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.52%		
62) 4-Bromofluorobenzene	11.122	95	218208	47.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.48%		
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	826	0.64	ug/l	92
10) Methyl Iodide	2.471	142	902	3.50	ug/l #	86
11) Tert butyl alcohol	2.989	59	7236	8.23	ug/l #	74
13) Acrolein	2.282	56	239	0.44	ug/l #	54
20) Methylene Chloride	2.825	84	2962	0.73	ug/l	96
29) Tetrahydrofuran	5.129	42	2274	1.39	ug/l #	66
31) Cyclohexane	5.623	56	5719	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.617	75	22702	4.69	ug/l #	49
38) Carbon Tetrachloride	5.617	117	28552	6.20	ug/l #	17
43) Isopropyl Acetate	6.428	43	2640	0.33	ug/l #	57
76) 1,2,3-Trichloropropane	11.122	75	106360	20.14	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	106360	59.74	ug/l #	12
94) Hexachlorobutadiene	13.768	225	172	2.73	ug/l	95
95) Naphthalene	13.817	128	128165	8.65	ug/l	99

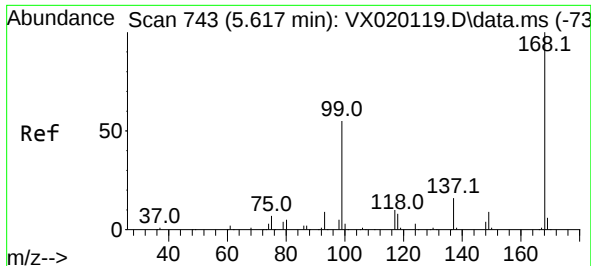
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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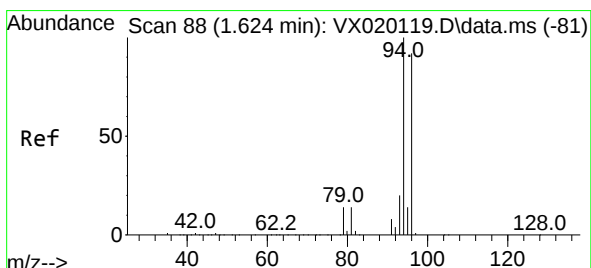
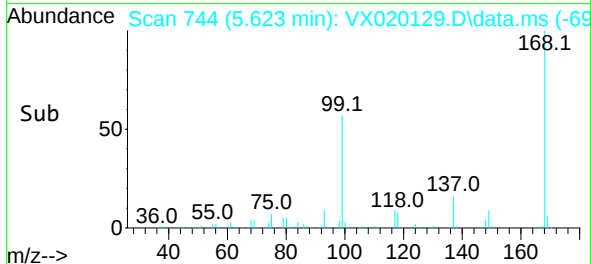
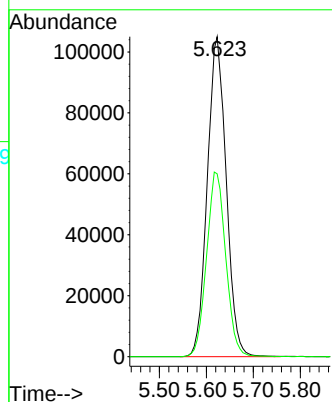
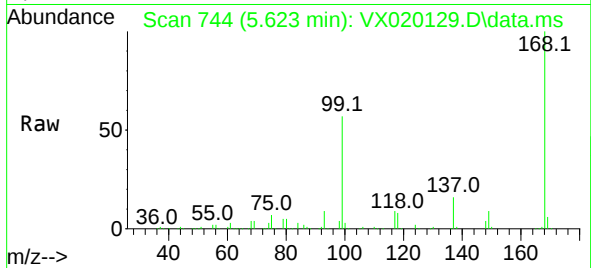




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

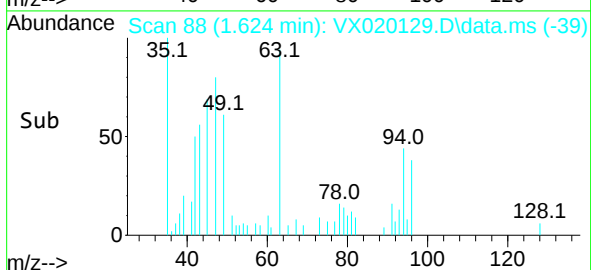
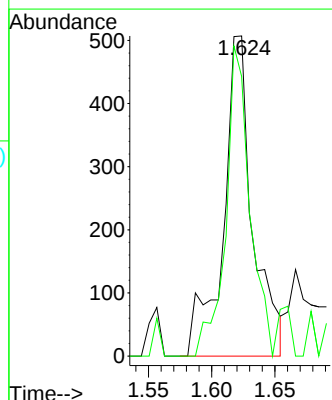
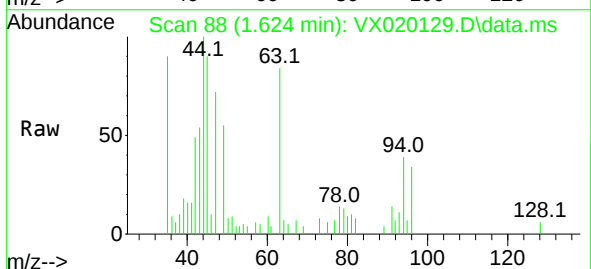
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

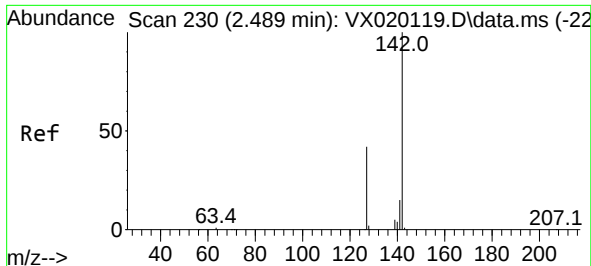
Tgt Ion:168 Resp: 292842
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#5
Bromomethane
Concen: 0.64 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

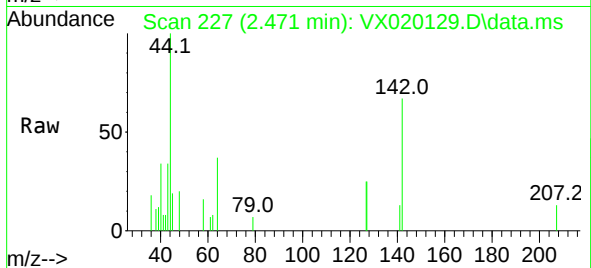
Tgt Ion: 94 Resp: 826
Ion Ratio Lower Upper
94 100
96 87.4 76.4 114.6



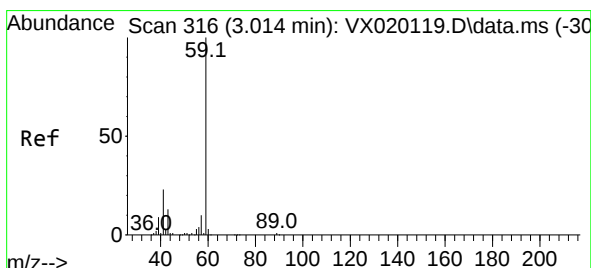
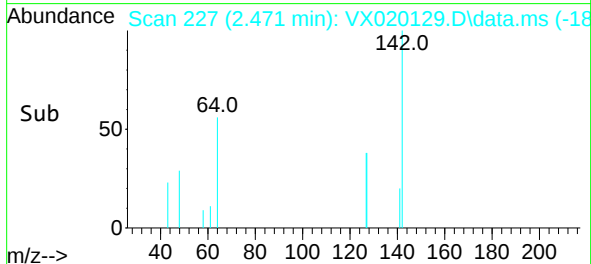
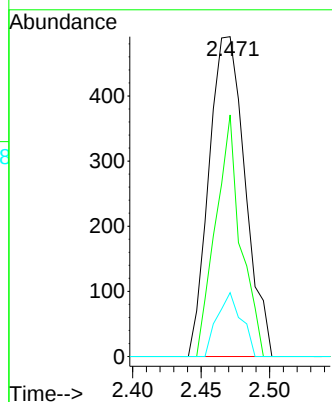


#10
Methyl Iodide
Concen: 3.50 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.018 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

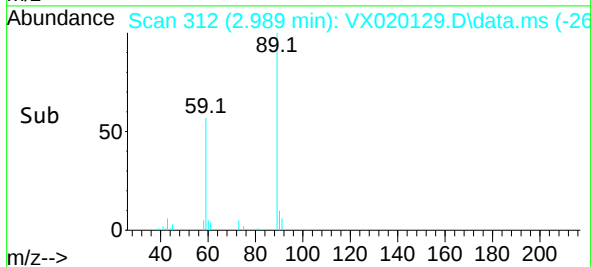
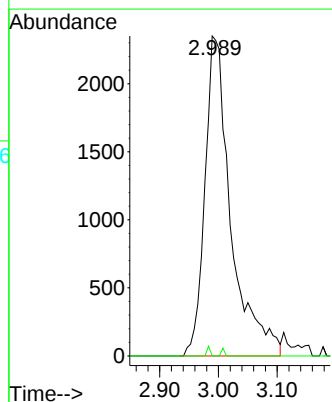
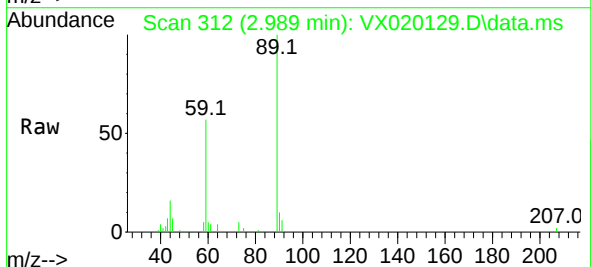


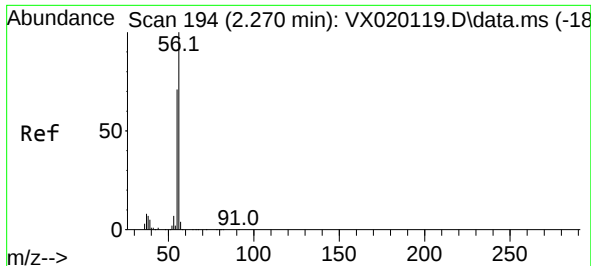
Tgt Ion:142 Resp: 902
Ion Ratio Lower Upper
142 100
127 52.7 33.3 49.9#
141 13.4 11.4 17.0



#11
Tert butyl alcohol
Concen: 8.23 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Tgt Ion: 59 Resp: 7236
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

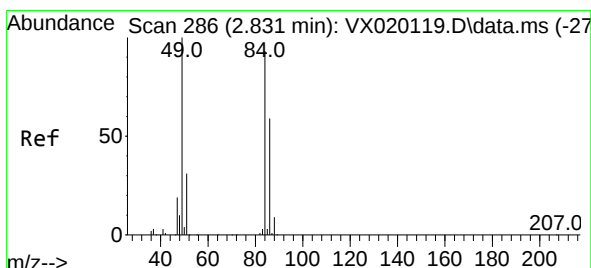
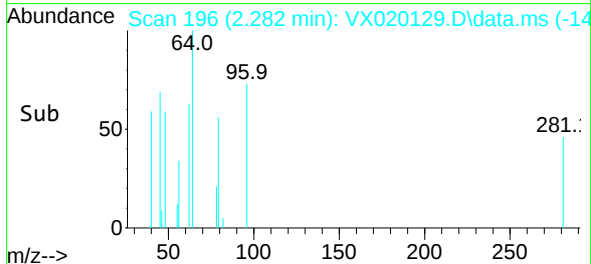
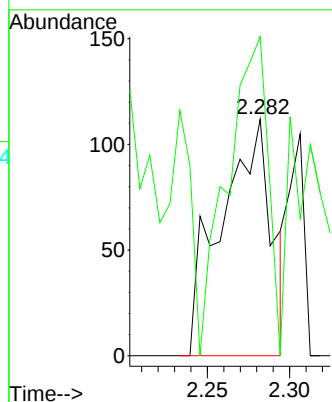
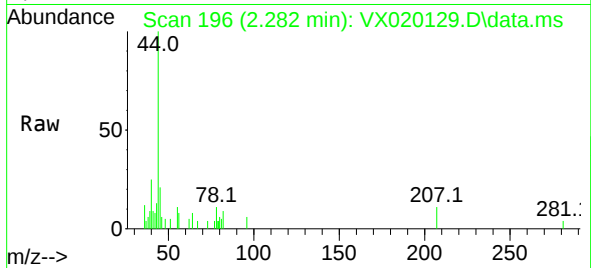




#13
Acrolein
Concen: 0.44 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

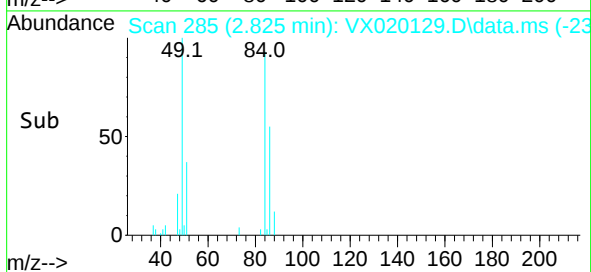
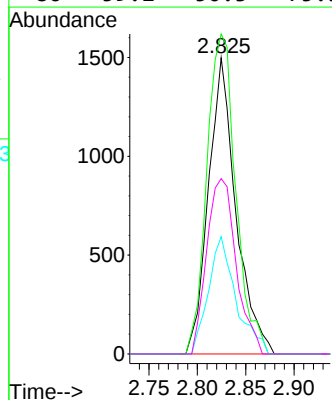
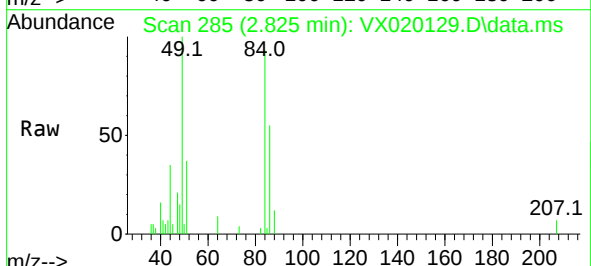
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

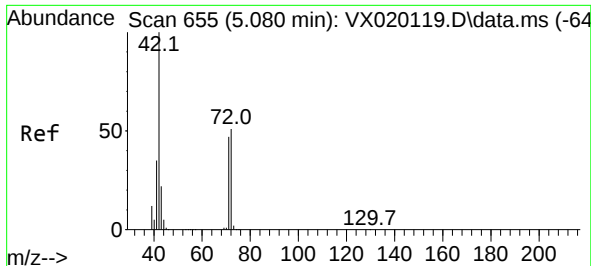
Tgt Ion: 56 Resp: 239
Ion Ratio Lower Upper
56 100
55 108.4 56.4 84.6#



#20
Methylene Chloride
Concen: 0.73 ug/l
RT: 2.825 min Scan# 285
Delta R.T. -0.006 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Tgt Ion: 84 Resp: 2962
Ion Ratio Lower Upper
84 100
49 108.1 88.6 132.8
51 39.6 27.0 40.6
86 59.2 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.39 ug/l

RT: 5.129 min Scan# 663

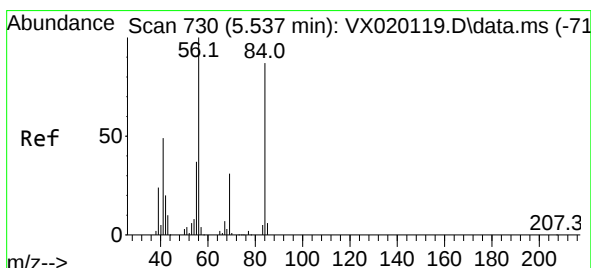
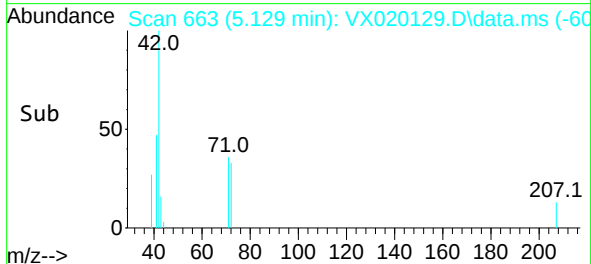
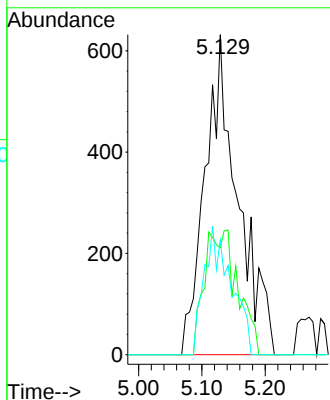
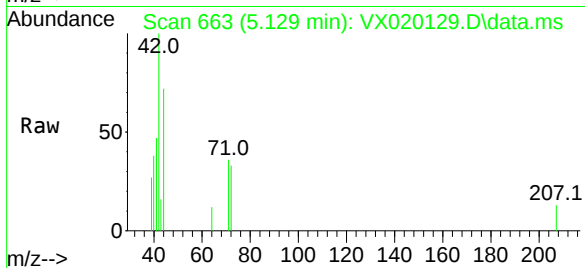
Delta R.T. 0.049 min

Lab File: VX020129.D

Acq: 18 Dec 2020 16:23

Tgt Ion:	42	Resp:	2274
Ion	Ratio	Lower	Upper
42	100		
72	20.1	41.7	62.5#
71	33.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS



#31

Cyclohexane

Concen: 1.06 ug/l

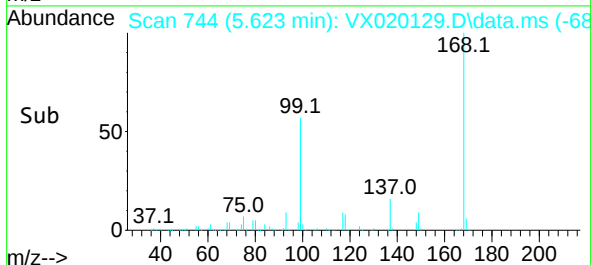
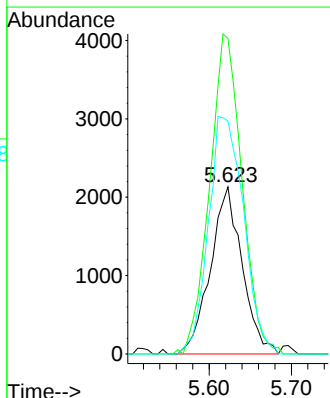
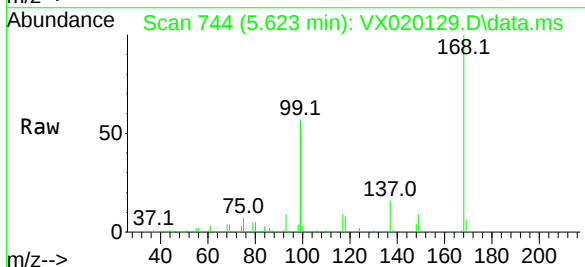
RT: 5.623 min Scan# 744

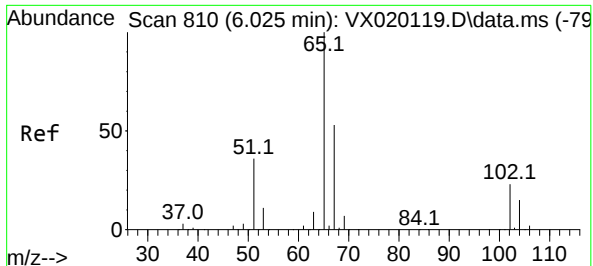
Delta R.T. 0.086 min

Lab File: VX020129.D

Acq: 18 Dec 2020 16:23

Tgt Ion:	56	Resp:	5719
Ion	Ratio	Lower	Upper
56	100		
69	186.3	25.3	37.9#
84	139.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.37 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020129.D

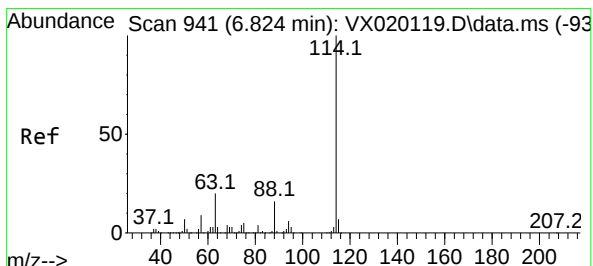
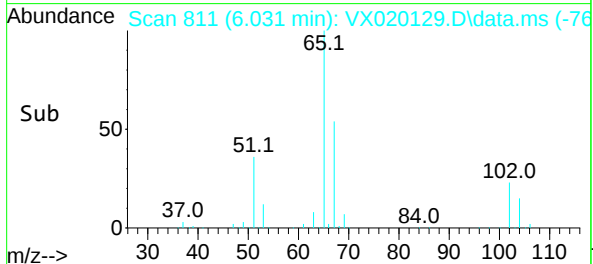
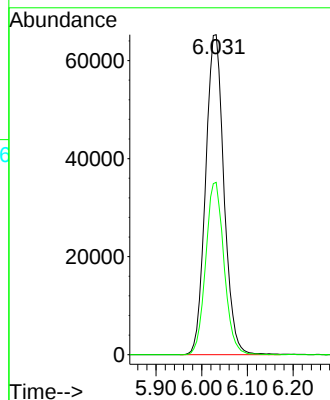
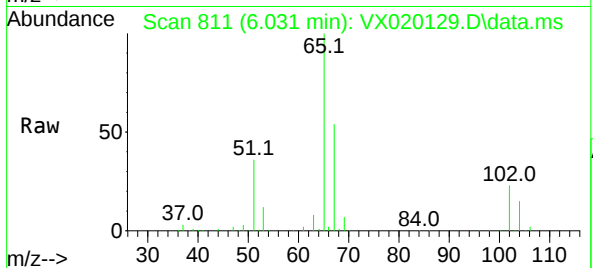
Acq: 18 Dec 2020 16:23

Tgt Ion: 65 Resp: 182026

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020129.D

Acq: 18 Dec 2020 16:23

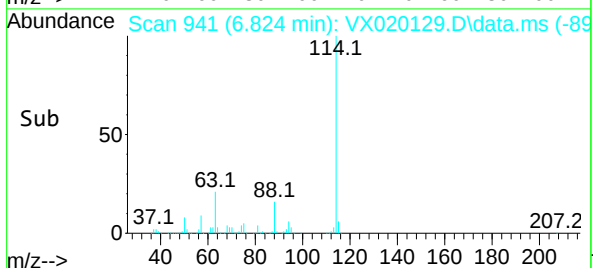
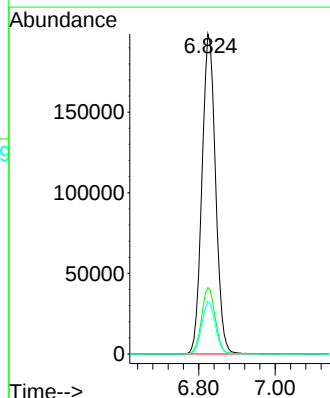
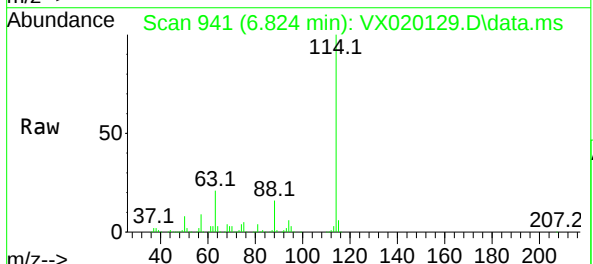
Tgt Ion: 114 Resp: 490170

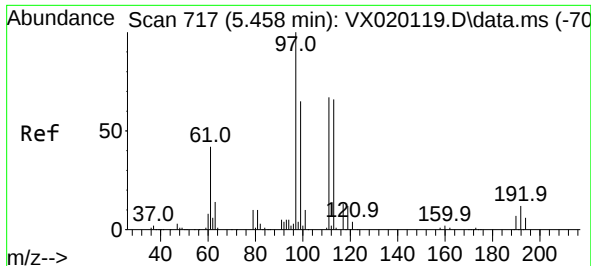
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

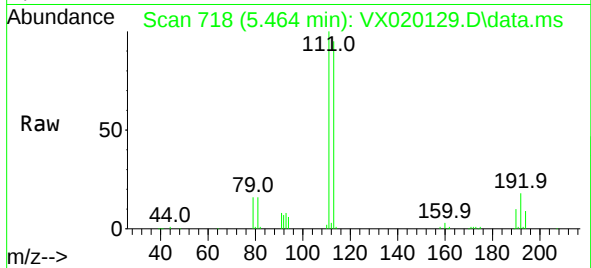
88 16.4 0.0 32.8



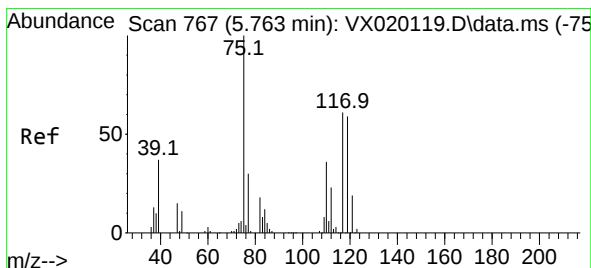
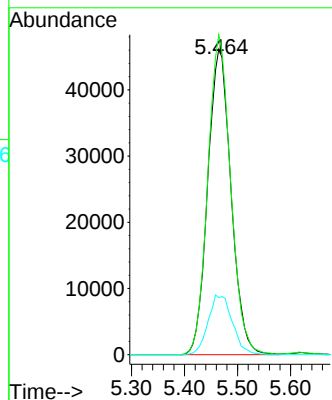
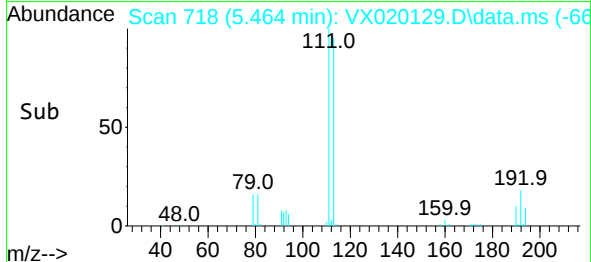


#35
Dibromofluoromethane
Concen: 45.01 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

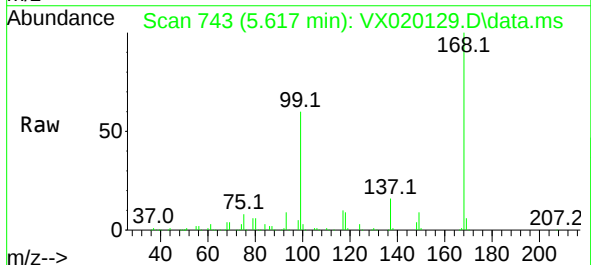
Instrument :
MSVOA_X
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CONTAINMENT-DEBRIS



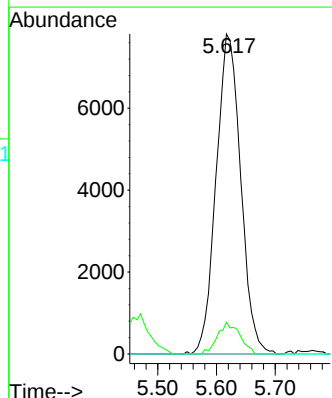
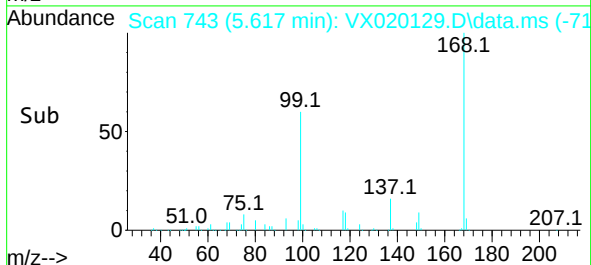
Tgt Ion:113 Resp: 141121
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.3 16.7 25.1

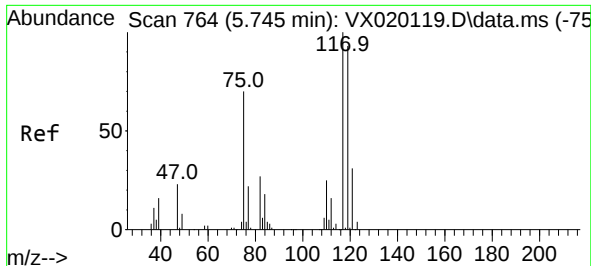


#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.146 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23



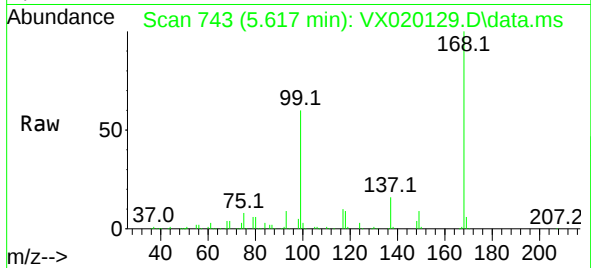
Tgt Ion: 75 Resp: 22702
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



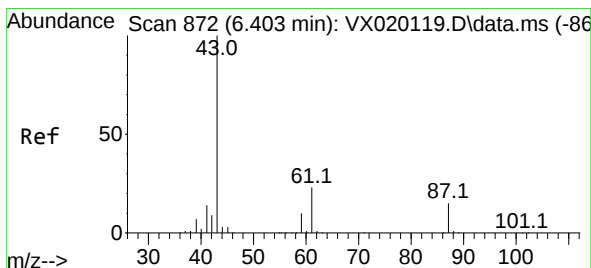
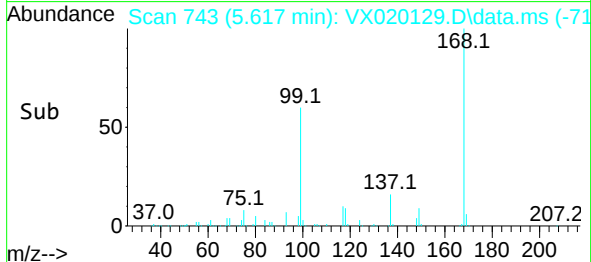
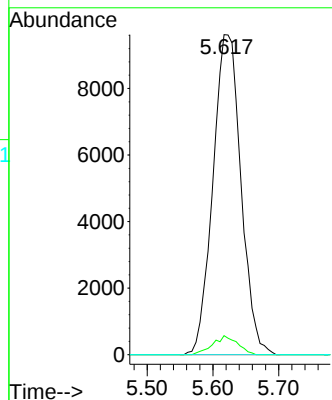


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.128 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

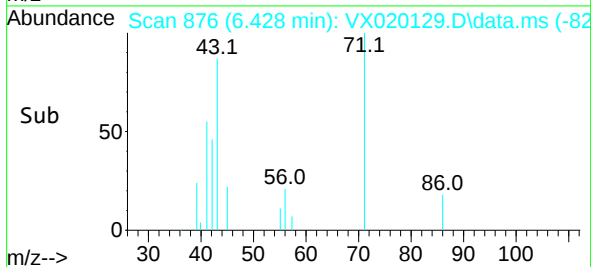
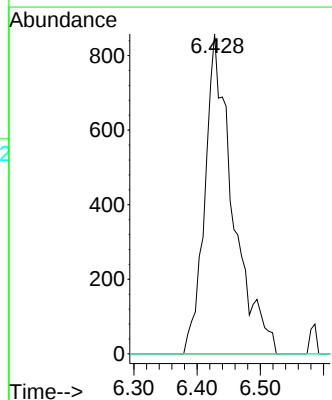
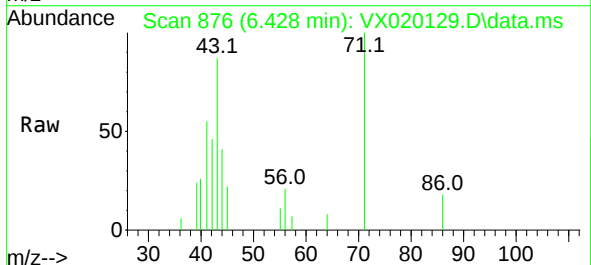


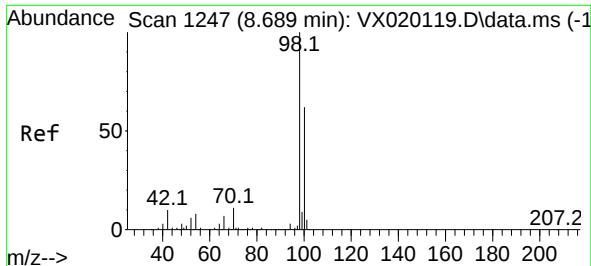
Tgt Ion:117 Resp: 28552
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.33 ug/l
RT: 6.428 min Scan# 876
Delta R.T. 0.025 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Tgt Ion: 43 Resp: 2640
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

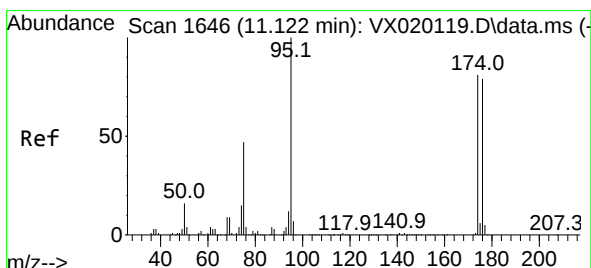
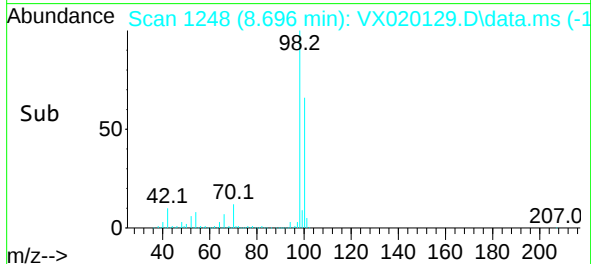
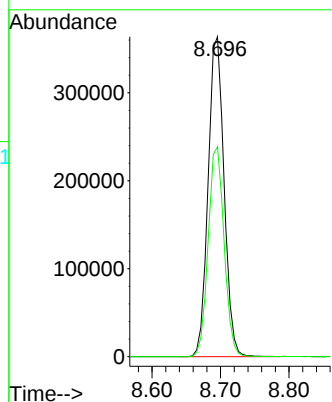
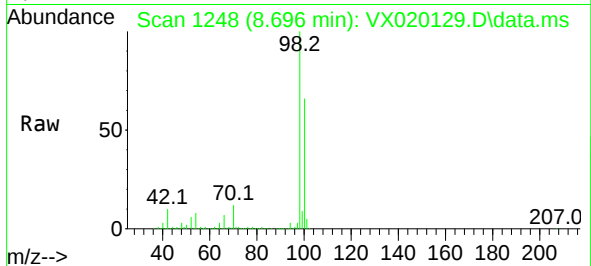




#50
Toluene-d8
Concen: 48.76 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

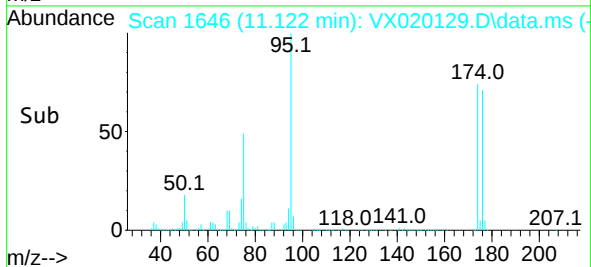
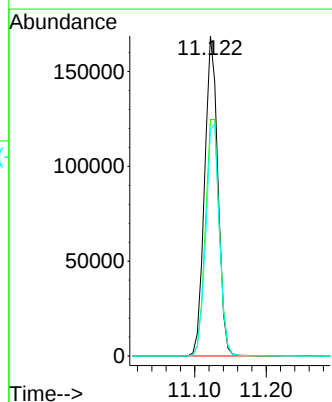
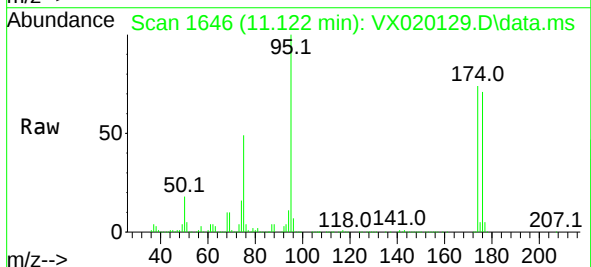
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

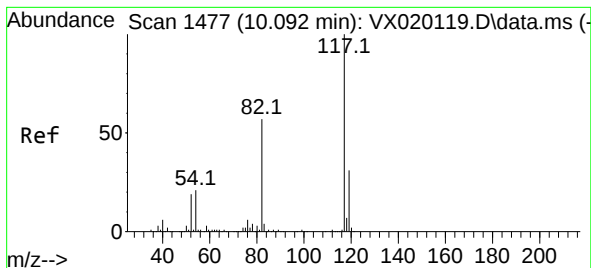
Tgt Ion: 98 Resp: 588492
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Tgt Ion: 95 Resp: 218208
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 73.9 0.0 155.8

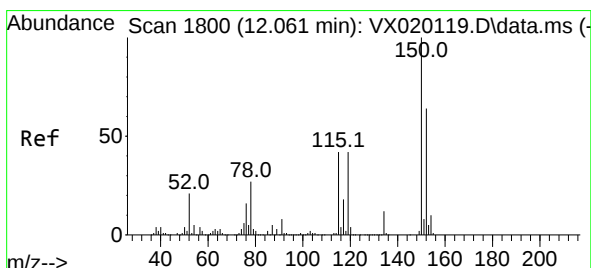
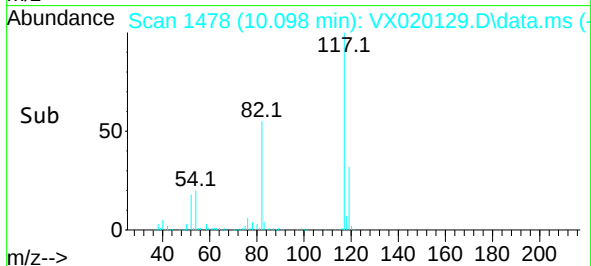
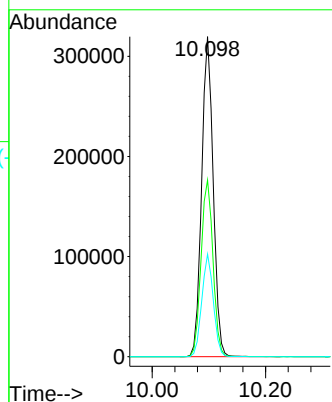
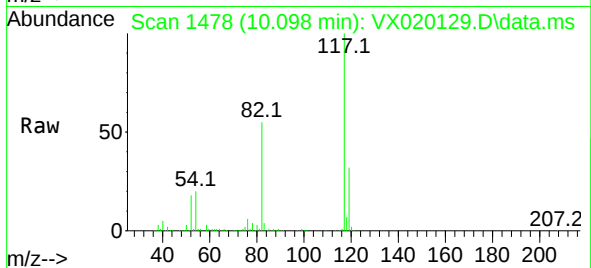




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

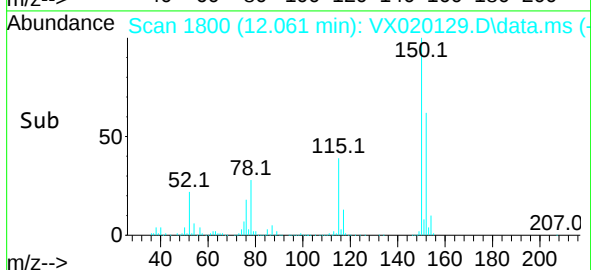
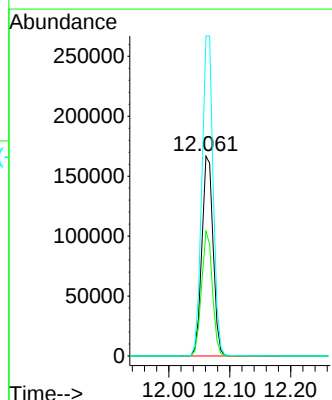
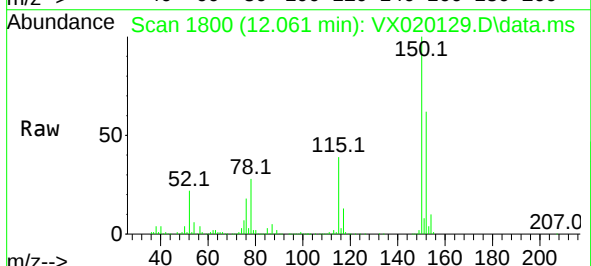
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

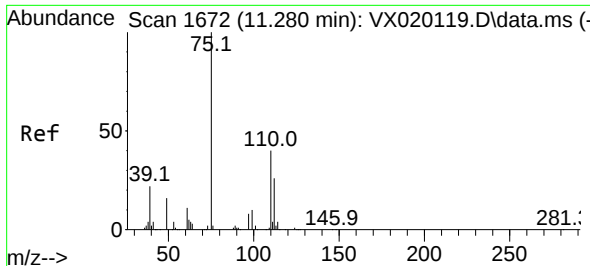
Tgt Ion:117 Resp: 452085
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Tgt Ion:152 Resp: 214421
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 160.8 0.0 349.0

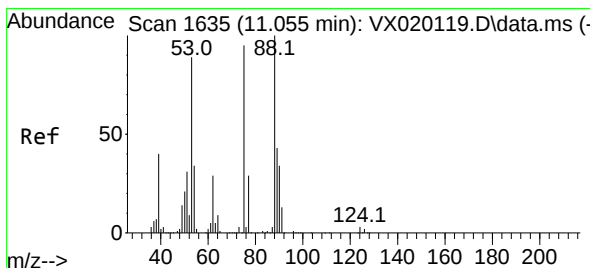
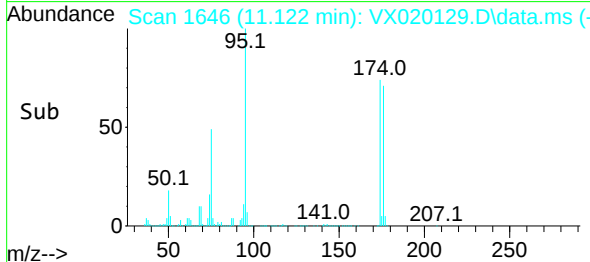
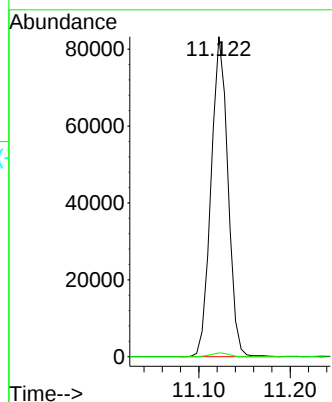
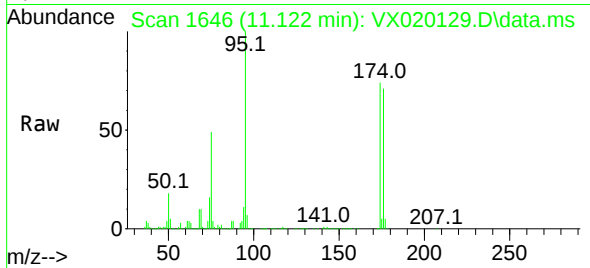




#76
1,2,3-Trichloropropane
Concen: 20.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

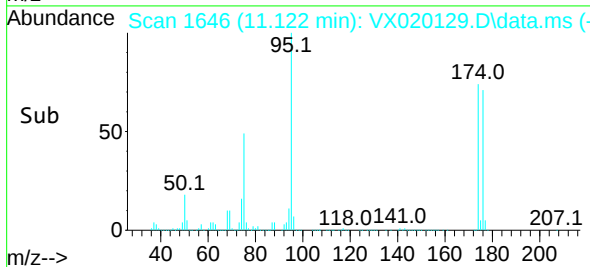
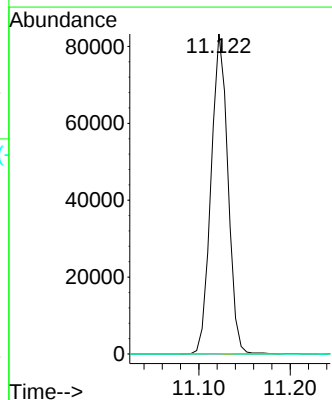
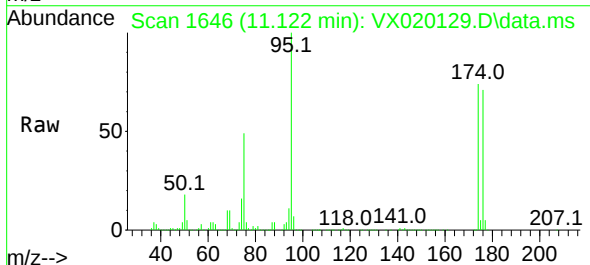
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

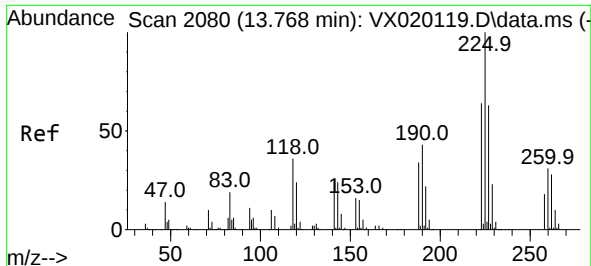
Tgt Ion: 75 Resp: 106360
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.74 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Tgt Ion: 75 Resp: 106360
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

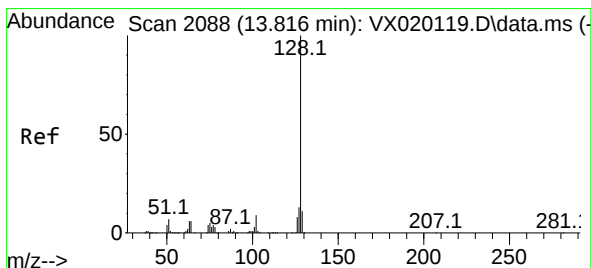
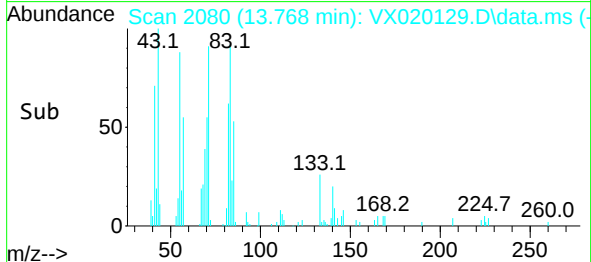
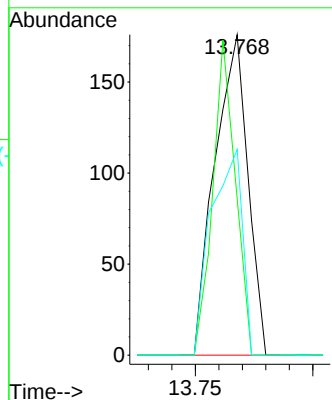
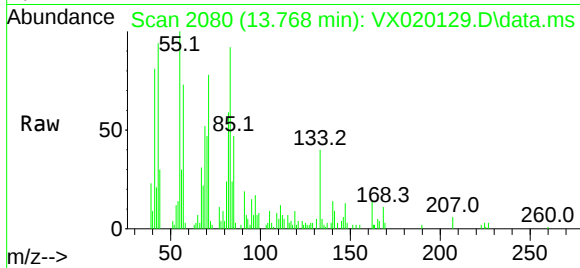




#94
Hexachlorobutadiene
Concen: 2.73 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-DEBRIS

Tgt Ion:	225	Resp:	172
Ion	Ratio	Lower	Upper
225	100		
223	66.9	31.1	93.2
227	60.5	31.6	95.0



#95
Naphthalene
Concen: 8.65 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX020129.D
Acq: 18 Dec 2020 16:23

Tgt Ion:	128	Resp:	128165
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.5	8.8	13.2

