

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020320.D
 Acq On : 22 Dec 2020 22:29
 Operator : JC/MD
 Sample : L5124-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-20201214

Quant Time: Dec 23 05:03:41 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)

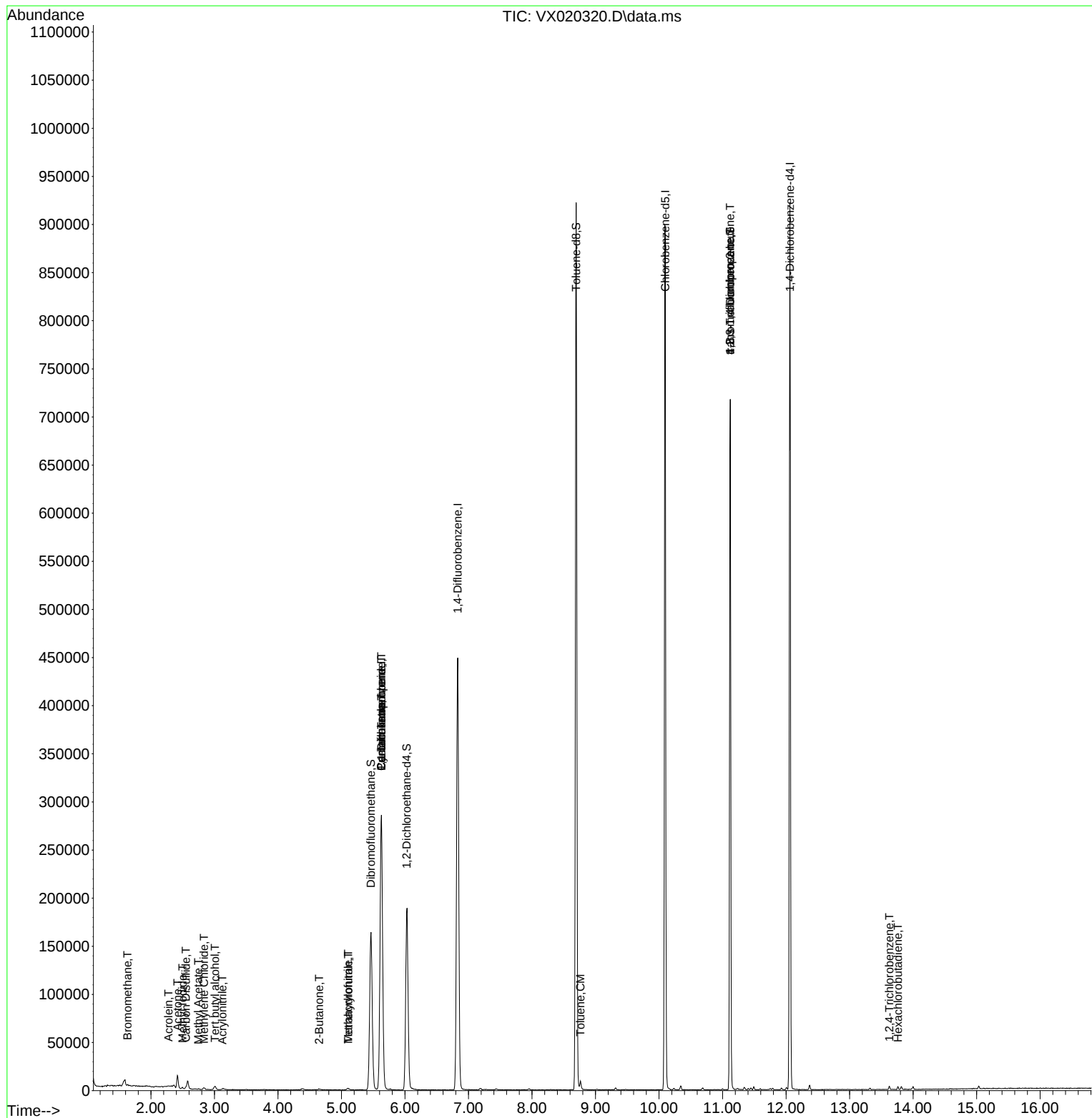
Internal Standards						
1) Pentafluorobenzene	5.629	168	272549	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	459776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	429171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	185030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	177488	48.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.16%		
35) Dibromofluoromethane	5.464	113	143077	48.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.30%		
50) Toluene-d8	8.696	98	555575	49.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.14%		
62) 4-Bromofluorobenzene	11.122	95	198474	45.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.60%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	771	0.64	ug/l #	52
10) Methyl Iodide	2.495	142	1509	3.67	ug/l	98
11) Tert butyl alcohol	3.007	59	3895	4.76	ug/l	99
13) Acrolein	2.276	56	265	0.52	ug/l #	67
15) Acrylonitrile	3.123	53	491	0.26	ug/l #	28
16) Acetone	2.416	43	13711	8.23	ug/l	94
17) Carbon Disulfide	2.550	76	2246	0.27	ug/l #	84
18) Methyl Acetate	2.745	43	873	0.23	ug/l #	66
20) Methylene Chloride	2.837	84	886	0.24	ug/l #	86
25) 2-Butanone	4.647	43	819	0.34	ug/l #	84
29) Tetrahydrofuran	5.105	42	1557	1.02	ug/l #	68
31) Cyclohexane	5.629	56	5903	1.17	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21375	4.70	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27019	6.25	ug/l #	16
41) Methacrylonitrile	5.105	41	826	0.33	ug/l #	41
52) Toluene	8.763	92	2834	0.33	ug/l	97
76) 1,2,3-Trichloropropane	11.122	75	98219	21.55	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	98219	63.93	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.628	180	946	0.23	ug/l	96
94) Hexachlorobutadiene	13.762	225	536	2.94	ug/l	91

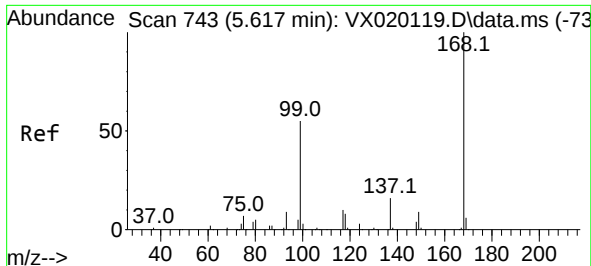
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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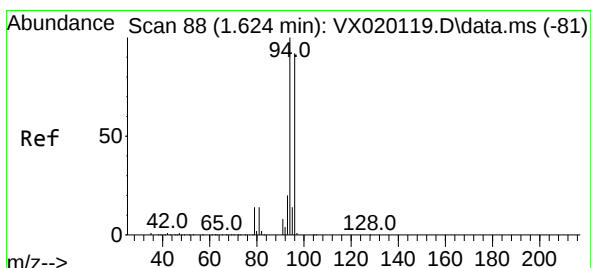
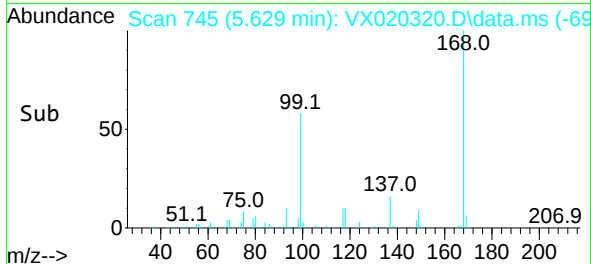
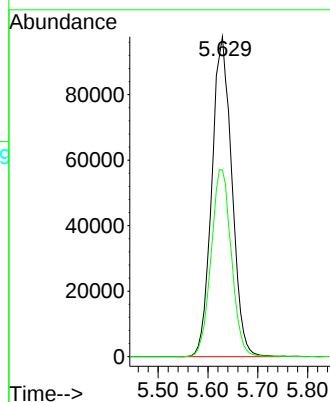
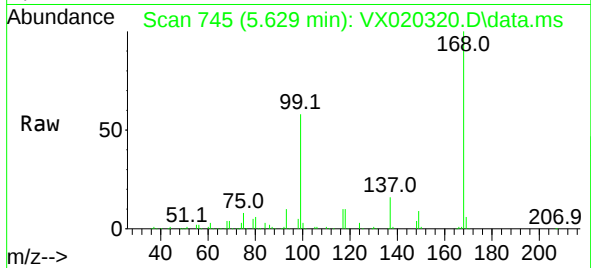




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

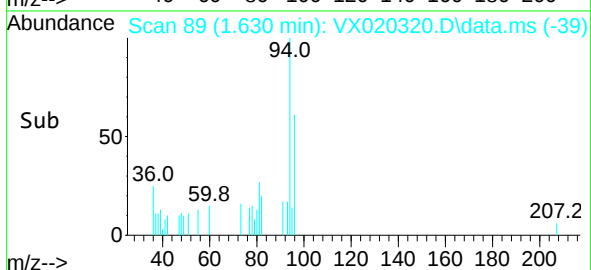
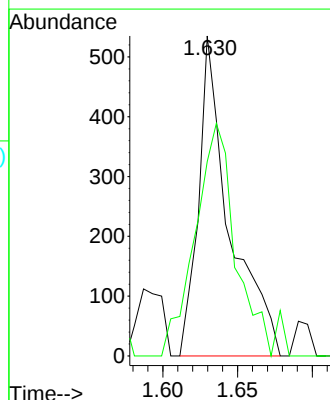
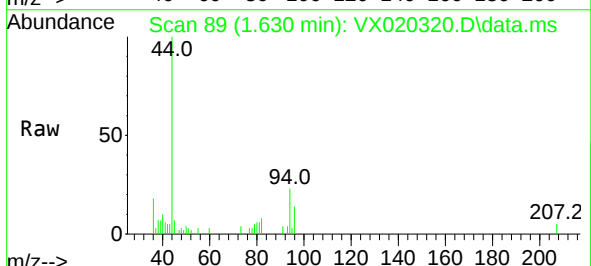
Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

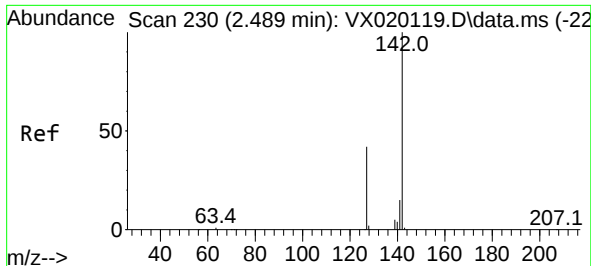
Tgt Ion:168 Resp: 272549
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#5
Bromomethane
Concen: 0.64 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

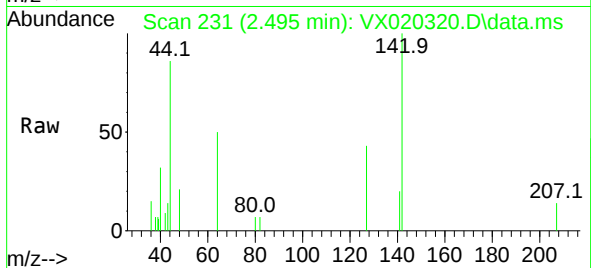
Tgt Ion: 94 Resp: 771
Ion Ratio Lower Upper
94 100
96 48.4 76.4 114.6#



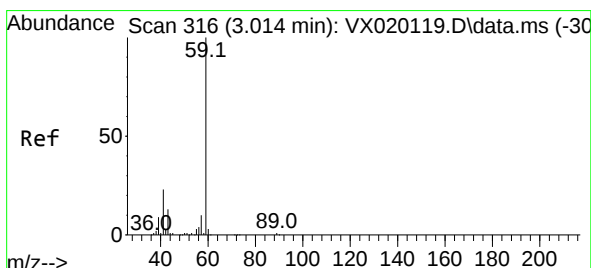
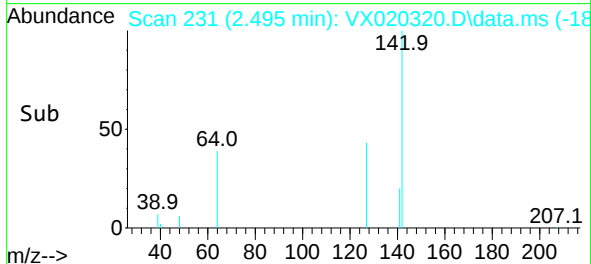
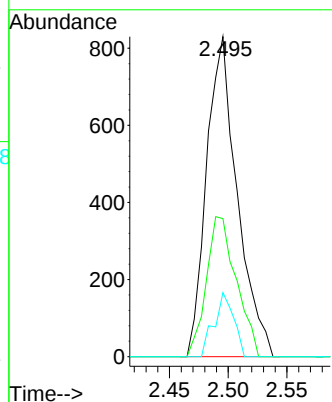


#10
Methyl Iodide
Concen: 3.67 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

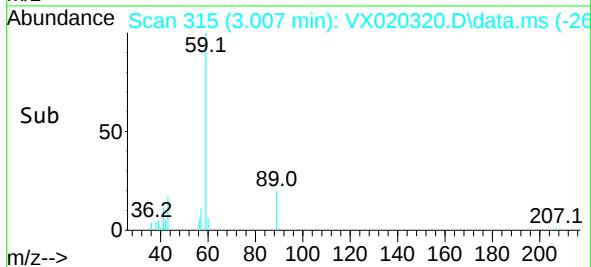
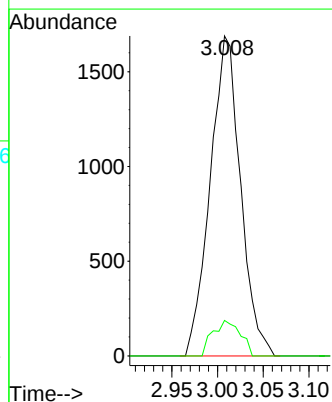
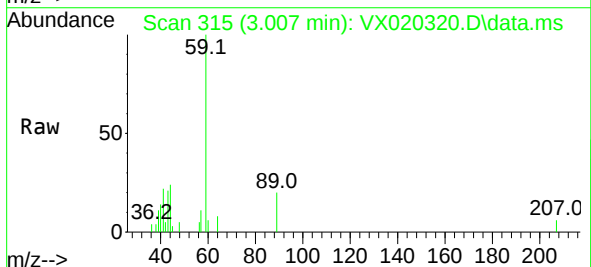


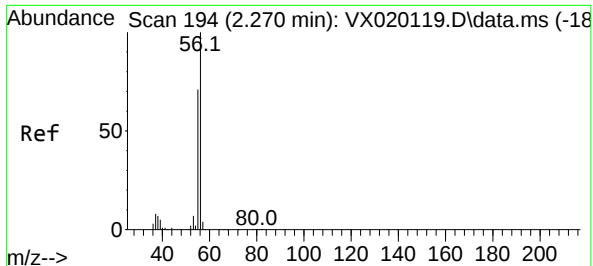
Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.5	33.3	49.9
141	12.7	11.4	17.0



#11
Tert butyl alcohol
Concen: 4.76 ug/l
RT: 3.007 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

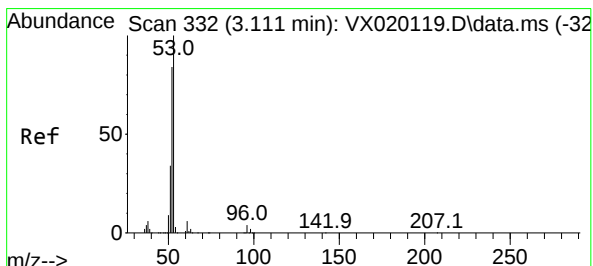
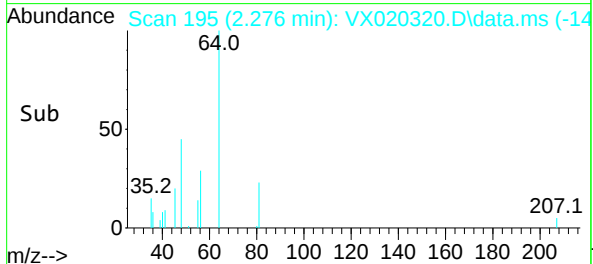
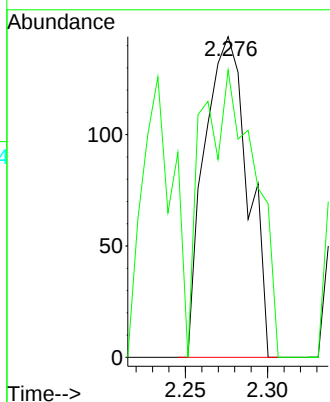
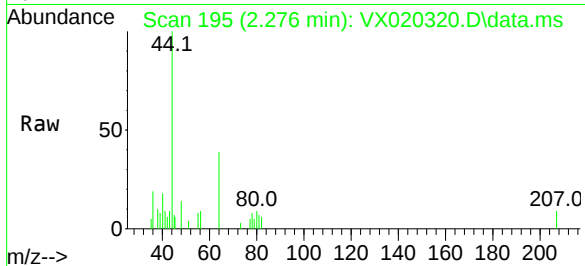




#13
Acrolein
Concen: 0.52 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

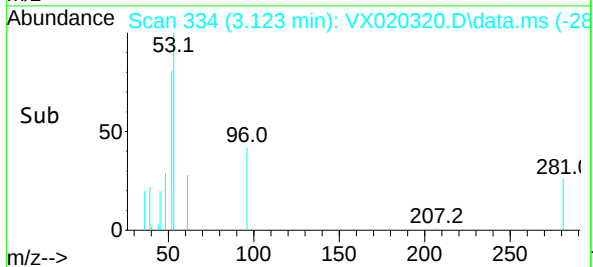
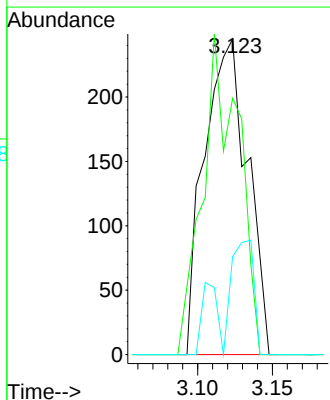
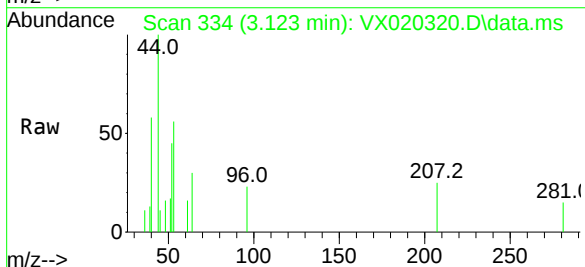
Instrument :
MSVOA_X
ClientSampled :
EB-20201214

Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 43.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion: 53 Resp: 491
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 18.7 28.2 42.2#

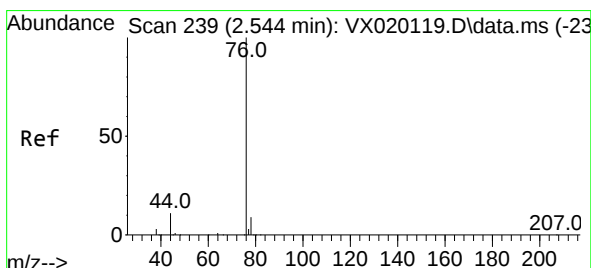
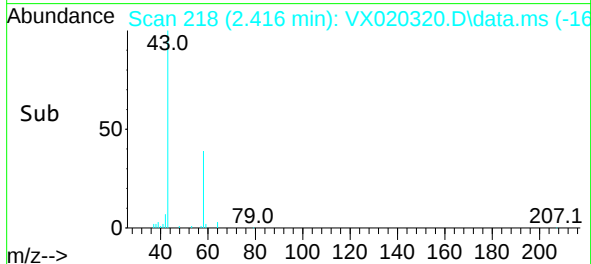
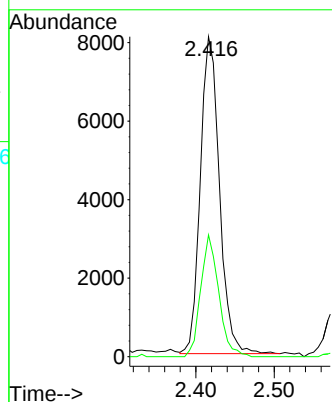
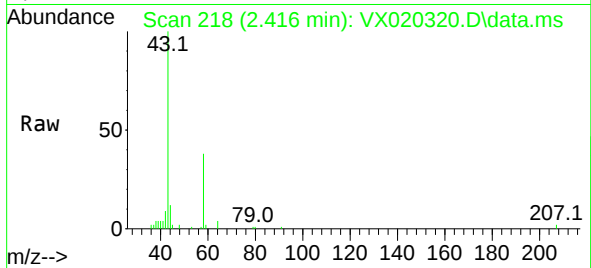




#16
Acetone
Concen: 8.23 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

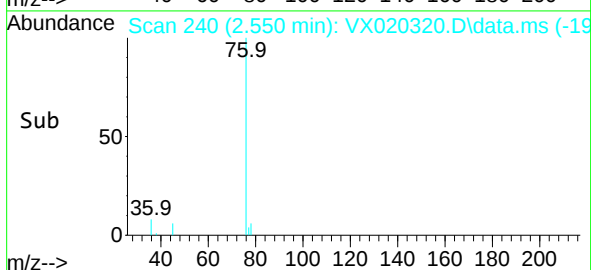
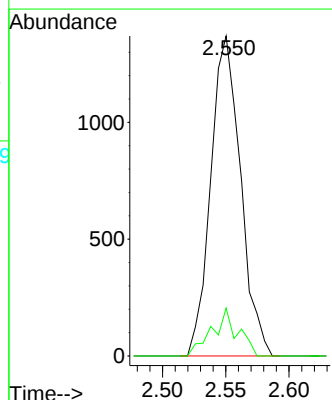
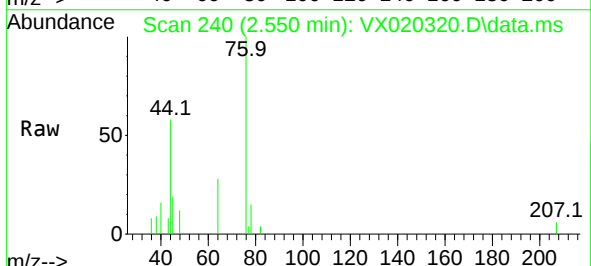
Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

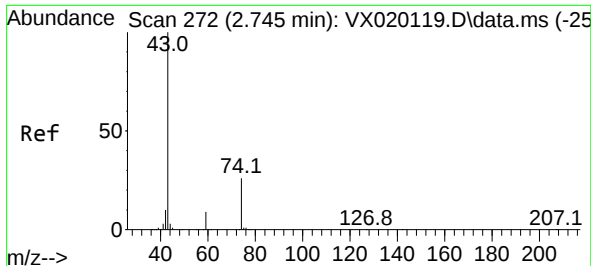
Tgt Ion: 43 Resp: 13711
Ion Ratio Lower Upper
43 100
58 38.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion: 76 Resp: 2246
Ion Ratio Lower Upper
76 100
78 15.0 7.2 10.8#

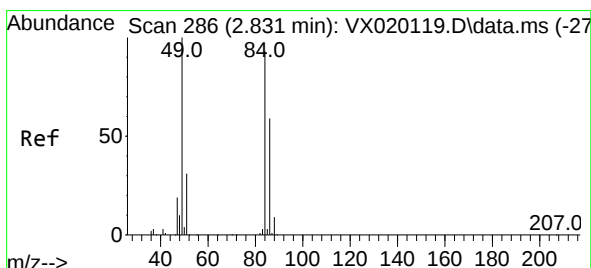
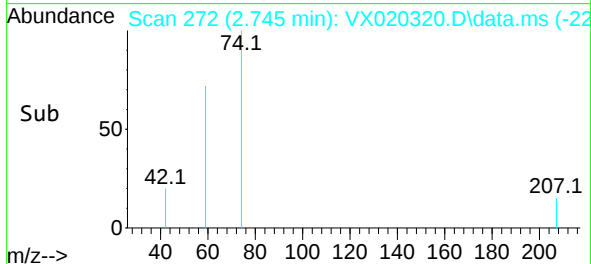
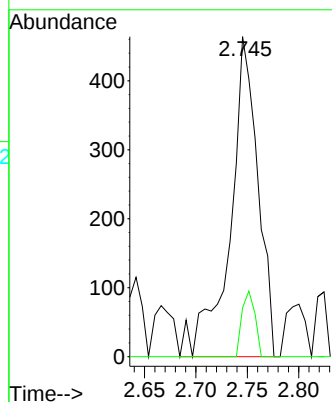
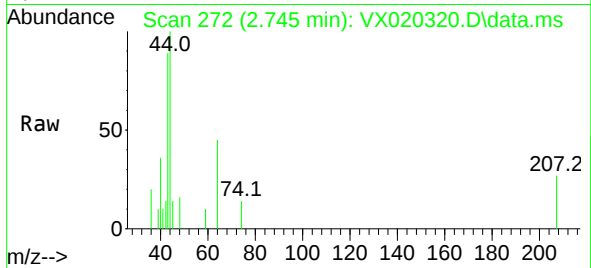




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

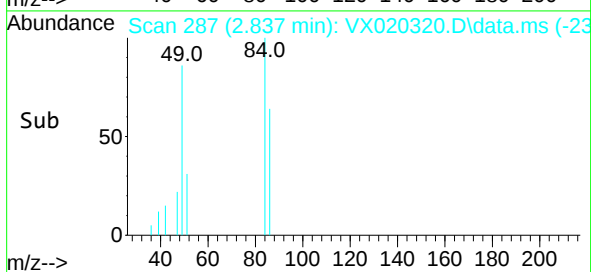
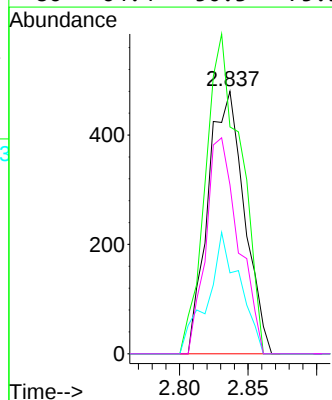
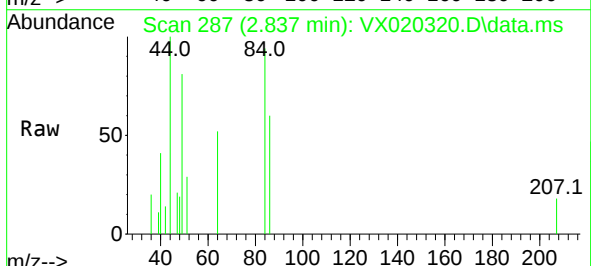
Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

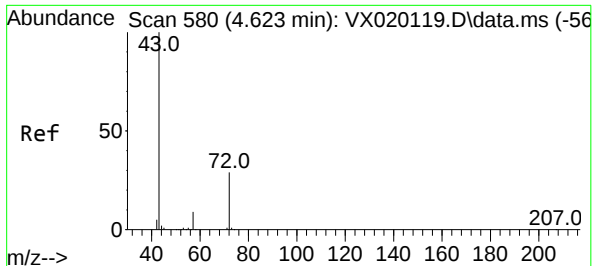
Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
74 9.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion: 84 Resp: 886
Ion Ratio Lower Upper
84 100
49 86.5 88.6 132.8#
51 30.8 27.0 40.6
86 64.4 50.3 75.5

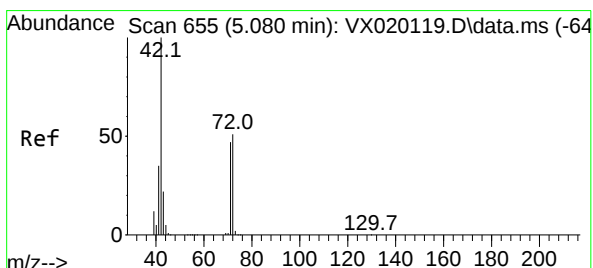
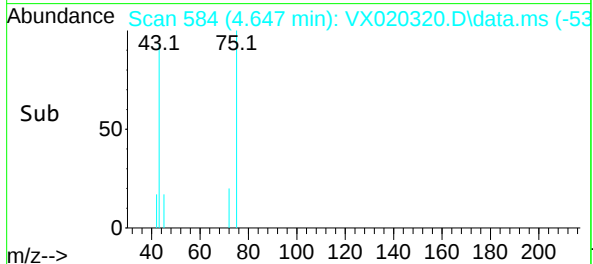
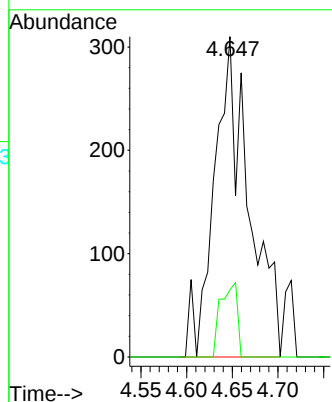
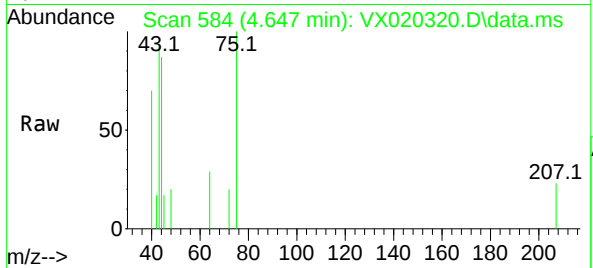




#25
2-Butanone
Concen: 0.34 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.024 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

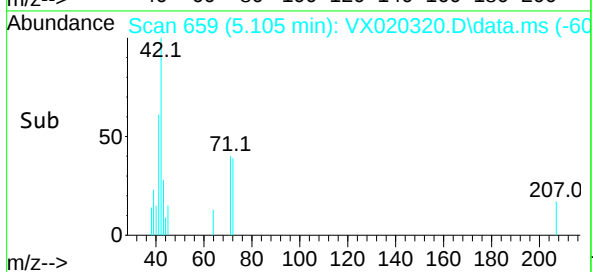
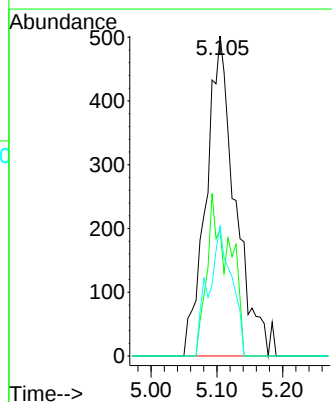
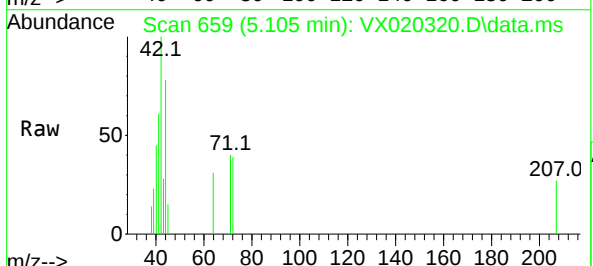
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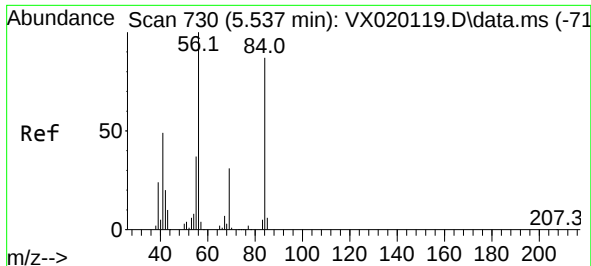
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
72 21.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.02 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

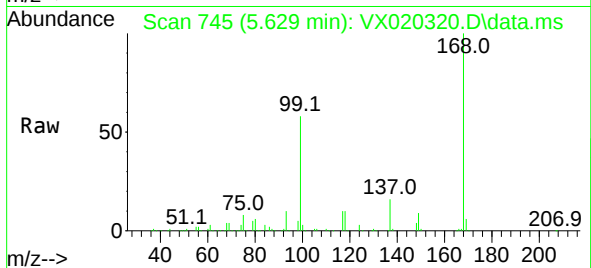
Tgt Ion: 42 Resp: 1557
Ion Ratio Lower Upper
42 100
72 24.9 41.7 62.5#
71 31.7 38.4 57.6#



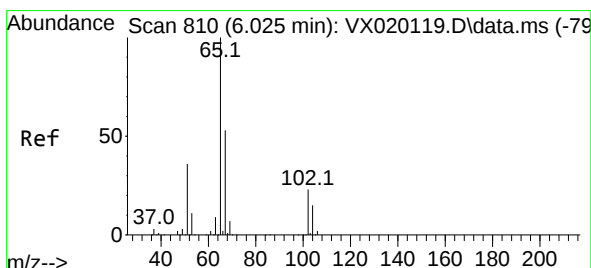
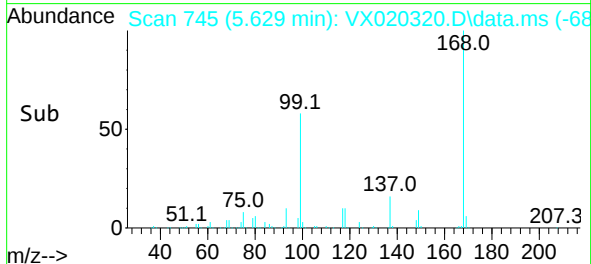
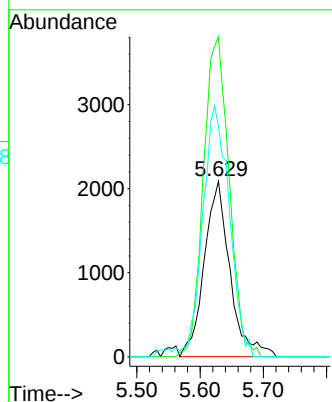


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

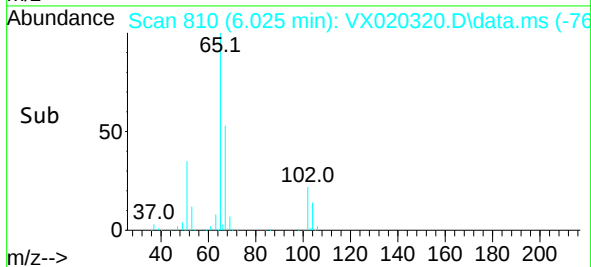
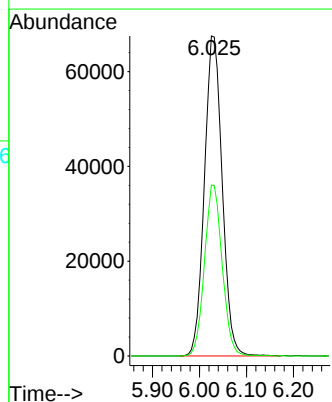
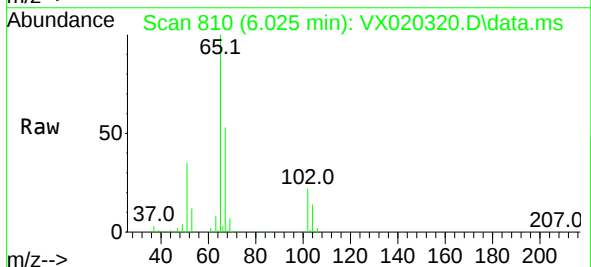


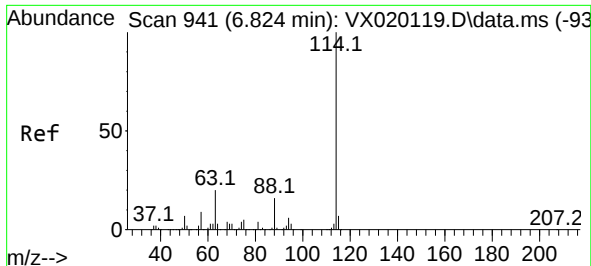
Tgt Ion: 56 Resp: 5903
Ion Ratio Lower Upper
56 100
69 182.4 25.3 37.9#
84 131.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.58 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

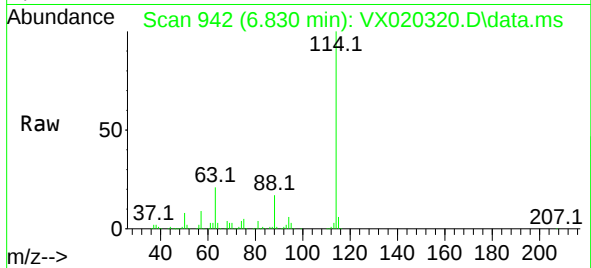
Tgt Ion: 65 Resp: 177488
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



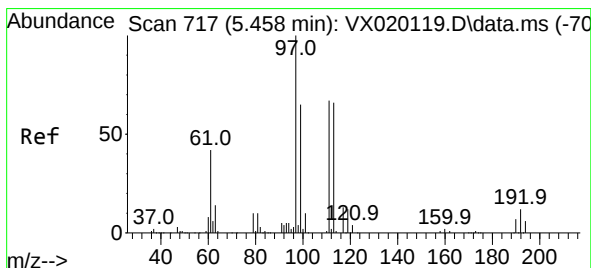
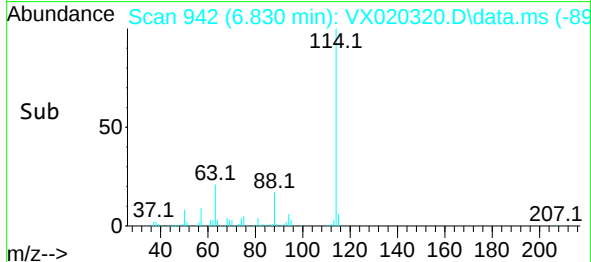
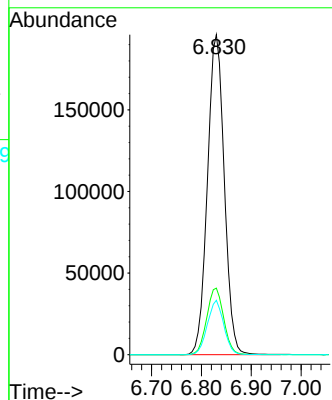


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

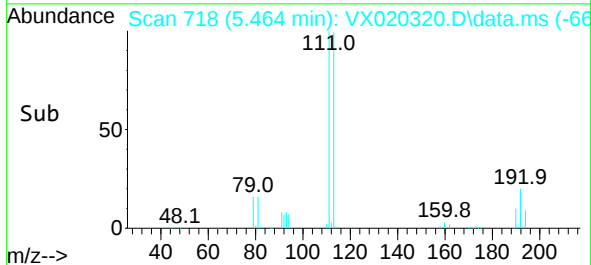
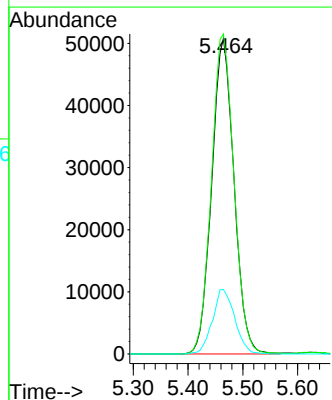
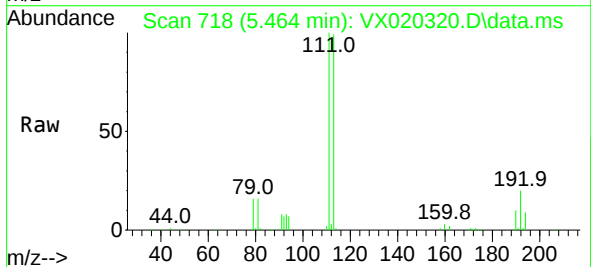


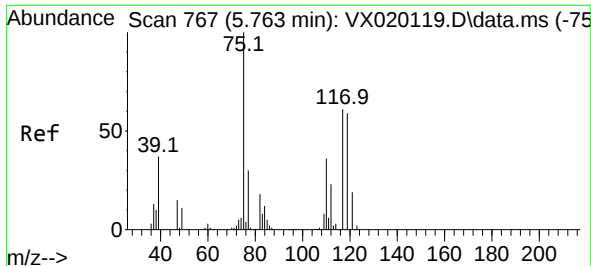
Tgt Ion:114 Resp: 459776
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion:113 Resp: 143077
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.5 16.7 25.1

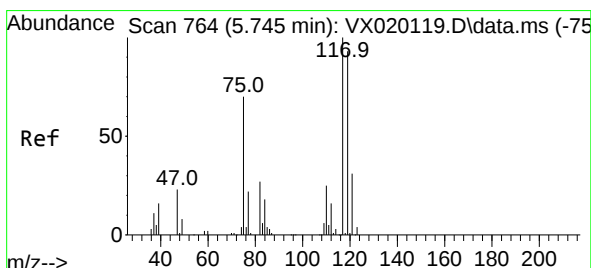
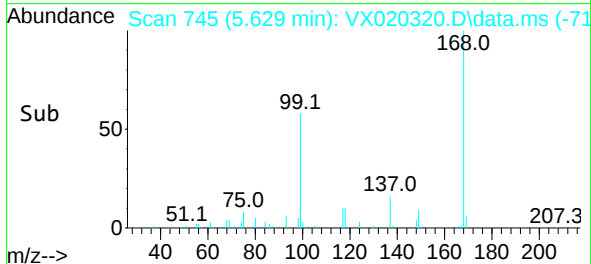
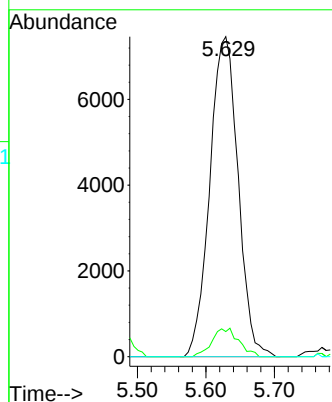
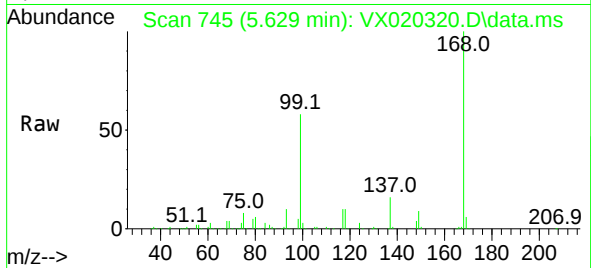




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

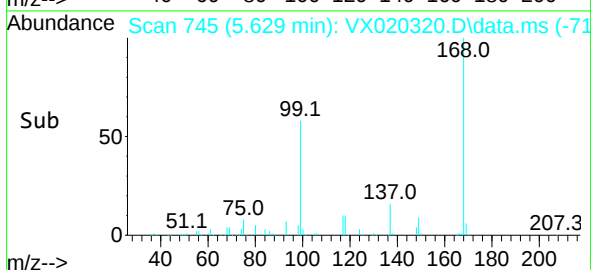
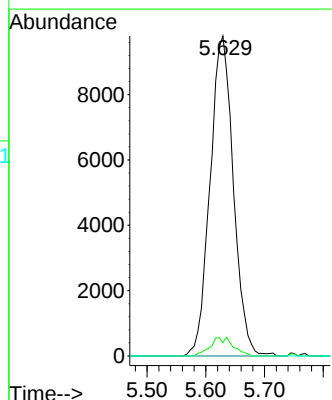
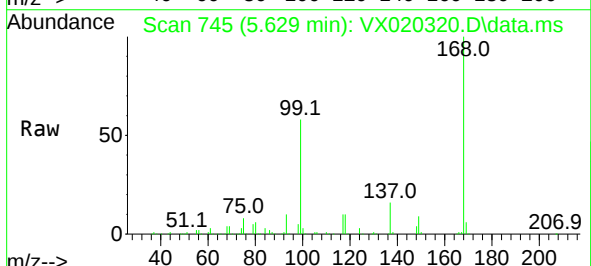
Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

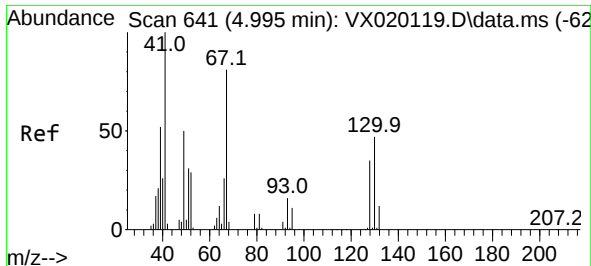
Tgt Ion: 75 Resp: 21375
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

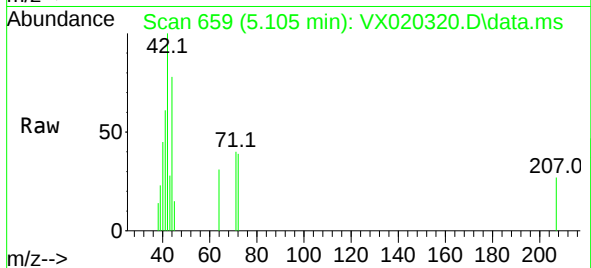
Tgt Ion: 117 Resp: 27019
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



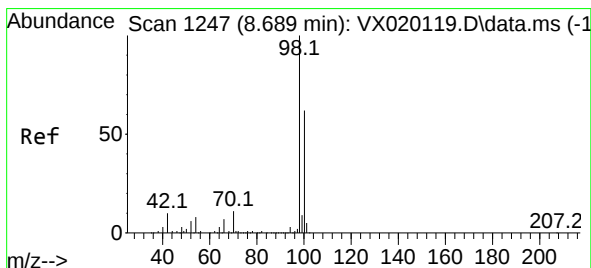
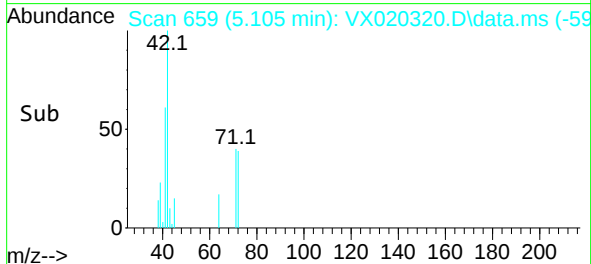
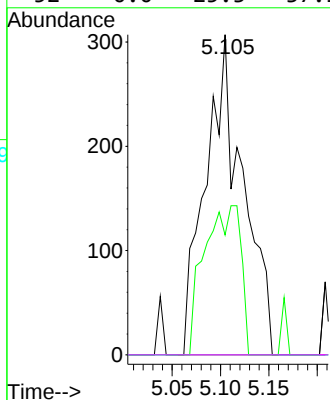


#41
Methacrylonitrile
Concen: 0.33 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.110 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

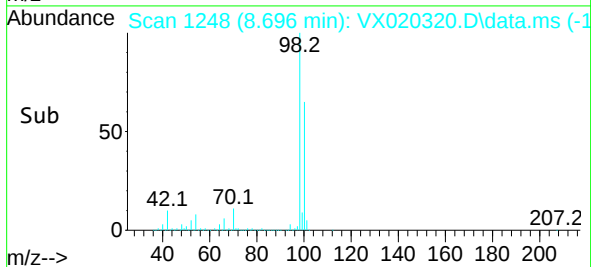
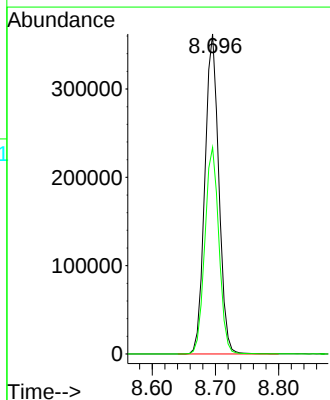
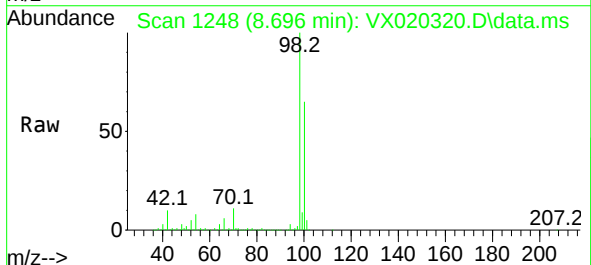


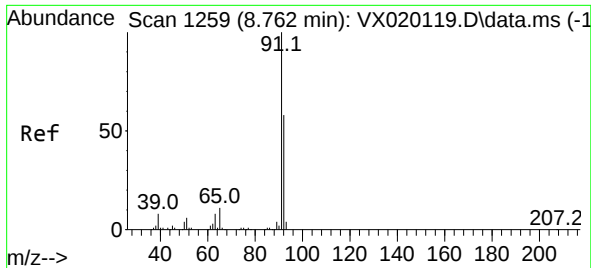
Tgt Ion: 41	Resp: 826
Ion Ratio	Lower Upper
41 100	
39 45.5	42.5 63.7
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#50
Toluene-d8
Concen: 49.07 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion: 98	Resp: 555575
Ion Ratio	Lower Upper
98 100	
100 65.1	51.9 77.9

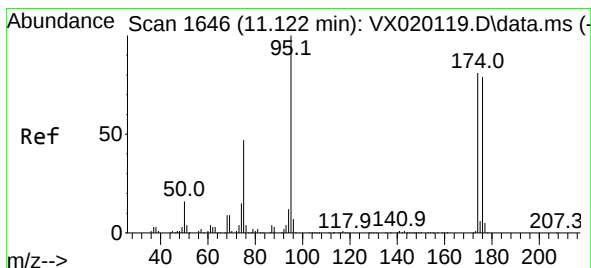
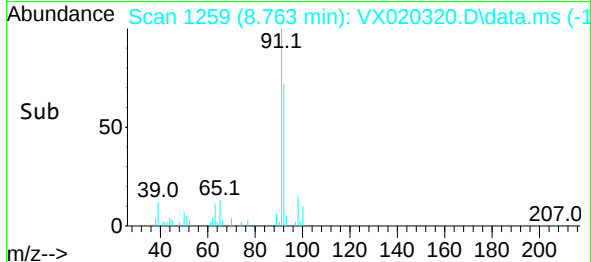
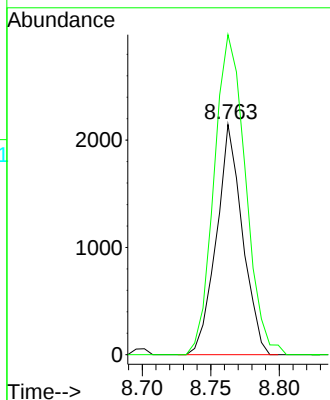
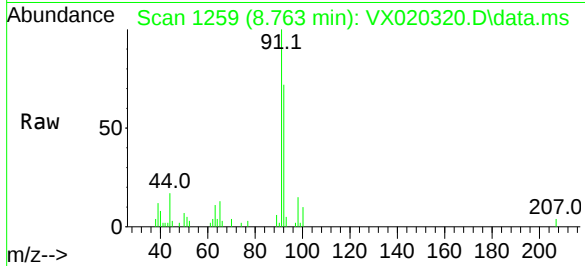




#52
Toluene
Concen: 0.33 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

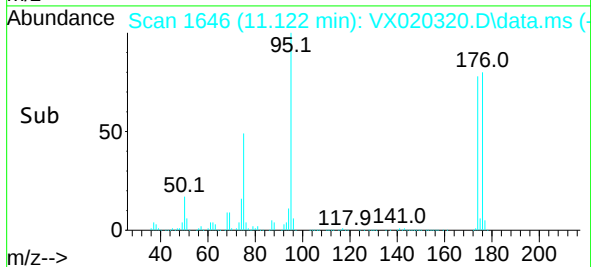
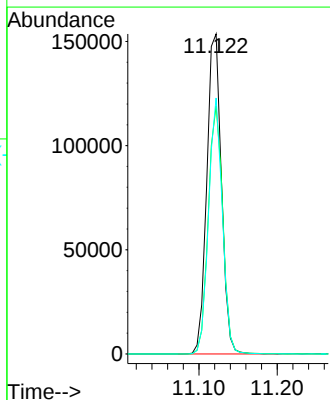
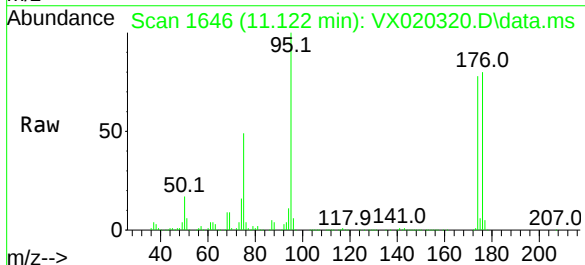
Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

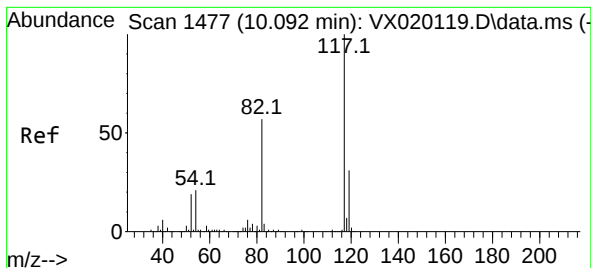
Tgt Ion: 92 Resp: 2834
Ion Ratio Lower Upper
92 100
91 167.5 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion: 95 Resp: 198474
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 75.4 0.0 155.8

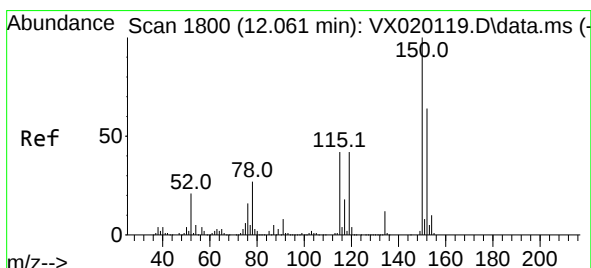
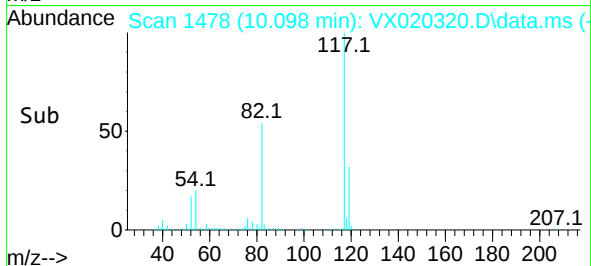
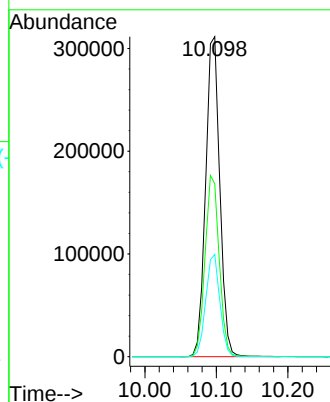
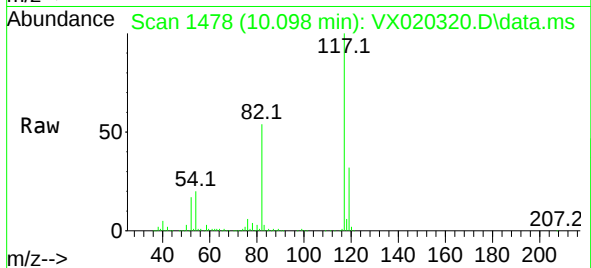




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

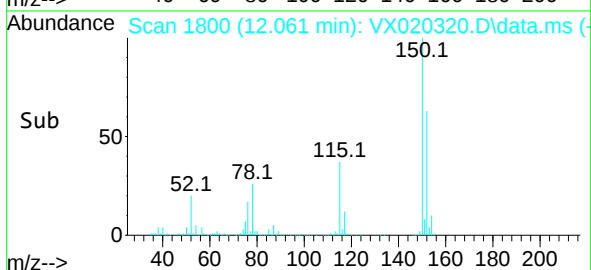
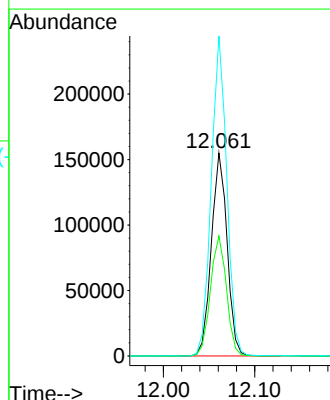
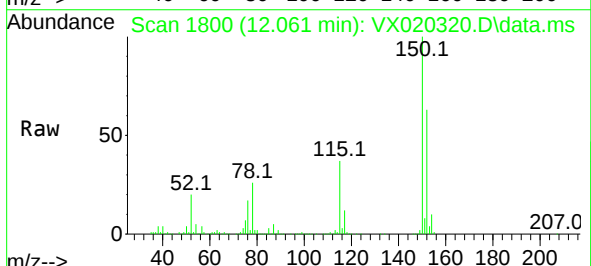
Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

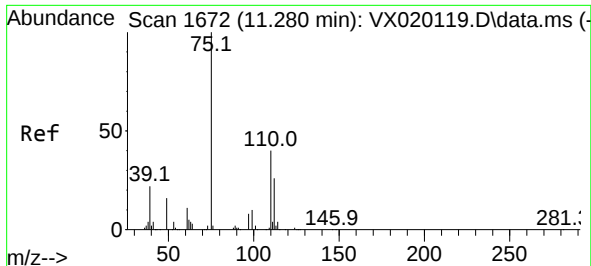
Tgt Ion:117 Resp: 429171
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion:152 Resp: 185030
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 155.3 0.0 349.0

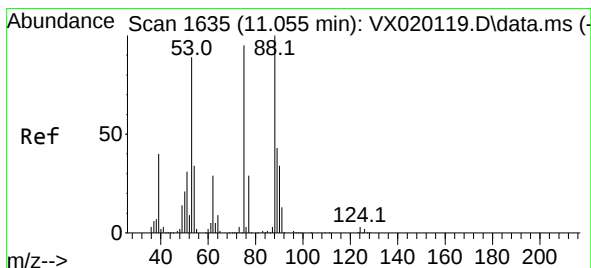
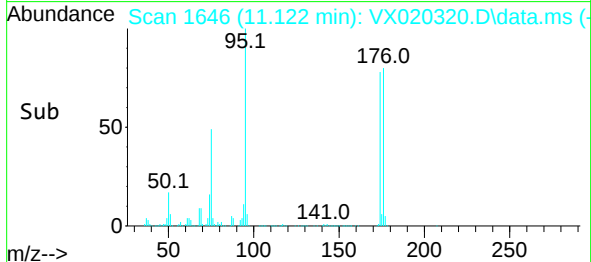
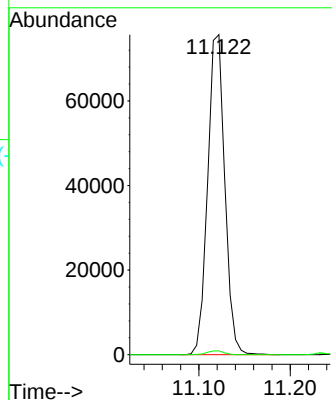
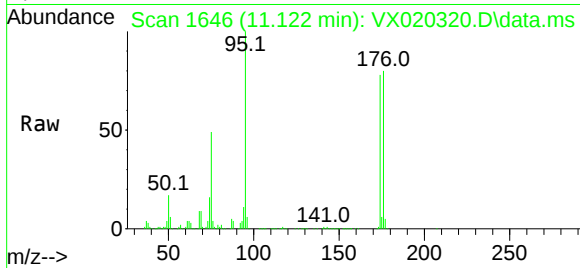




#76
1,2,3-Trichloropropane
Concen: 21.55 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

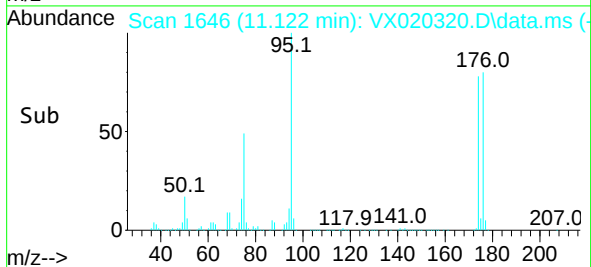
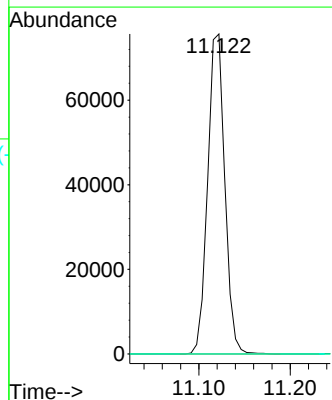
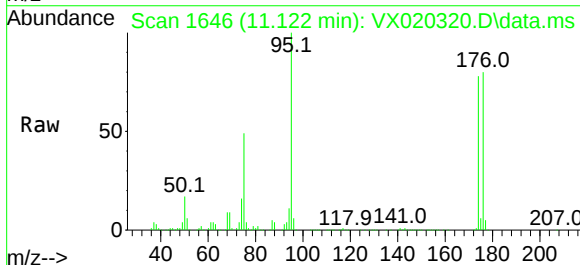
Instrument :
MSVOA_X
ClientSampleId :
EB-20201214

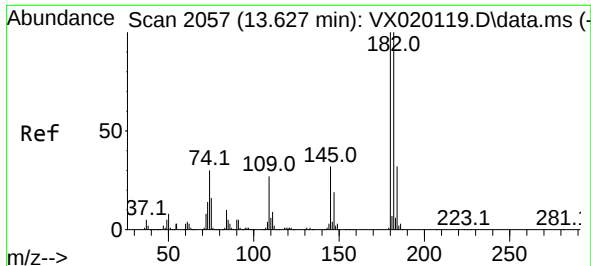
Tgt Ion: 75 Resp: 98219
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.93 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion: 75 Resp: 98219
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

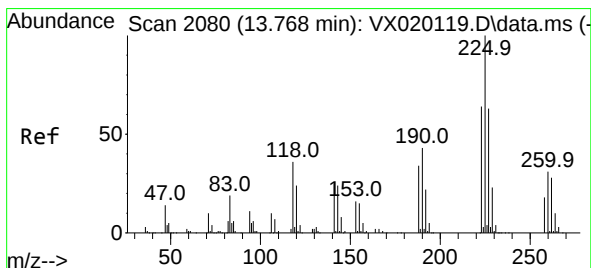
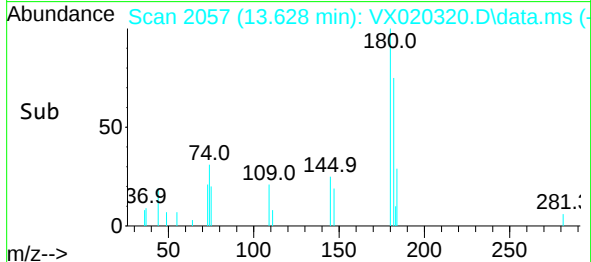
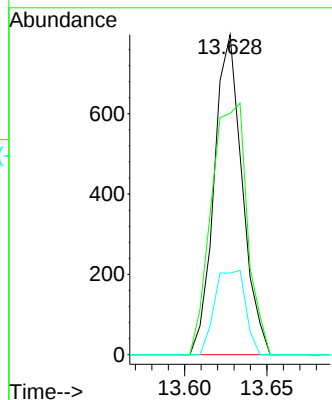
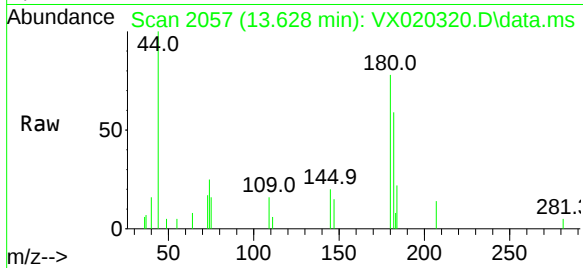




#93
1,2,4-Trichlorobenzene
Concen: 0.23 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. 0.001 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Instrument :
MSVOA_X
ClientSampled :
EB-20201214

Tgt Ion:180 Resp: 946
Ion Ratio Lower Upper
180 100
182 100.1 47.7 143.1
145 28.8 15.0 45.0



#94
Hexachlorobutadiene
Concen: 2.94 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020320.D
Acq: 22 Dec 2020 22:29

Tgt Ion:225 Resp: 536
Ion Ratio Lower Upper
225 100
223 52.6 31.1 93.2
227 67.7 31.6 95.0

