

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021712.D
 Acq On : 01 Apr 2021 16:40
 Operator : JC/MD
 Sample : M1913-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-040121RE

Quant Time: Apr 02 03:29:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

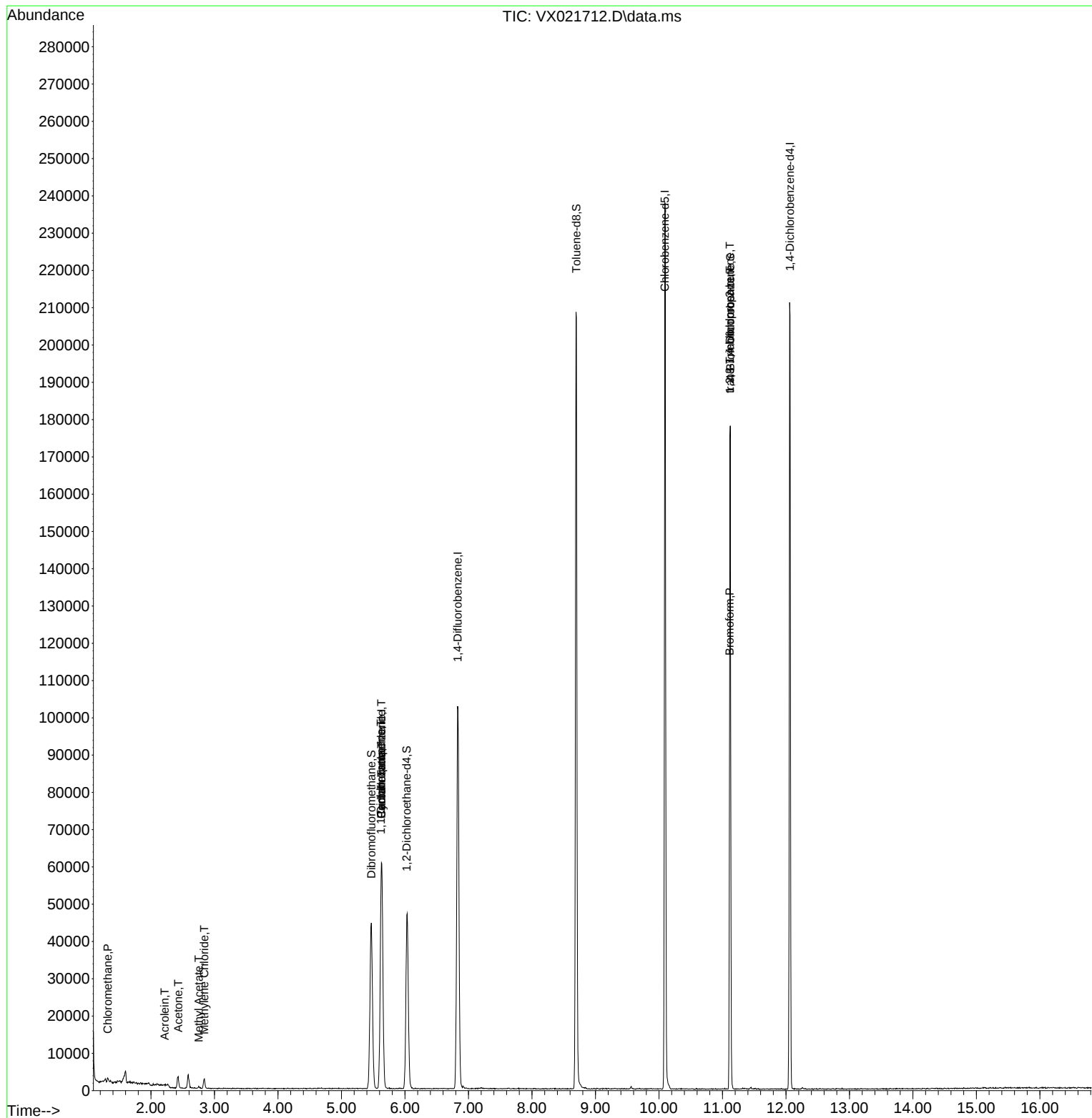
Internal Standards						
1) Pentafluorobenzene	5.629	168	55103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	96168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	98917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	40995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	46475	50.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.38%			
35) Dibromofluoromethane	5.470	113	36207	53.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.00%			
50) Toluene-d8	8.700	98	123768	50.84	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.68%			
62) 4-Bromofluorobenzene	11.123	95	46852	49.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.02%			
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1286	1.89	ug/l	93
13) Acrolein	2.216	56	19	4.54	ug/l #	14
16) Acetone	2.428	43	3388	9.77	ug/l #	87
18) Methyl Acetate	2.752	43	541	0.54	ug/l #	64
20) Methylene Chloride	2.840	84	1007	1.49	ug/l #	86
31) Cyclohexane	5.629	56	1450	1.44	ug/l #	47
36) 1,1-Dichloropropene	5.623	75	4942	5.24	ug/l #	45
38) Carbon Tetrachloride	5.629	117	5728	5.66	ug/l #	18
71) Bromoform	11.112	173	167	0.27	ug/l #	29
76) 1,2,3-Trichloropropane	11.118	75	26050	27.30	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	26050	83.14	ug/l #	12

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

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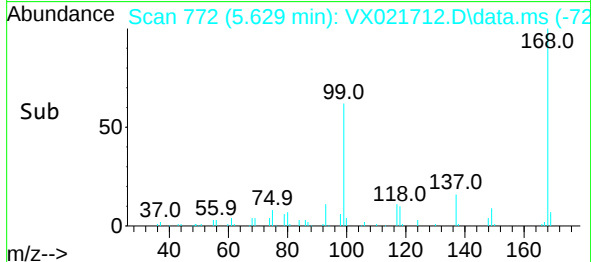
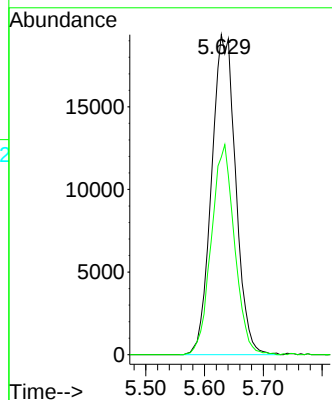
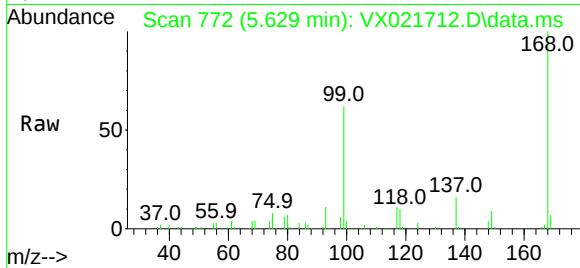




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

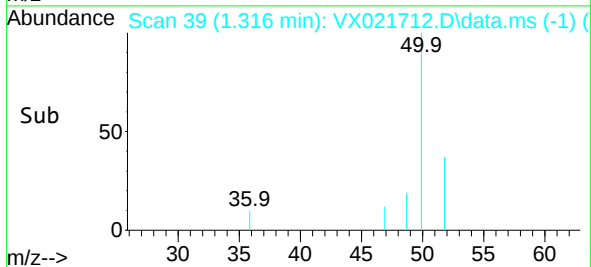
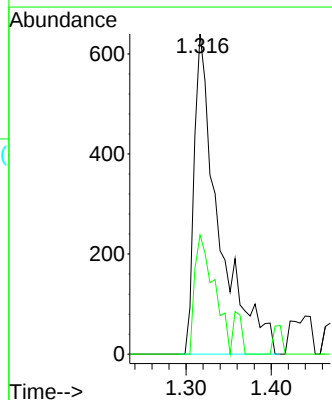
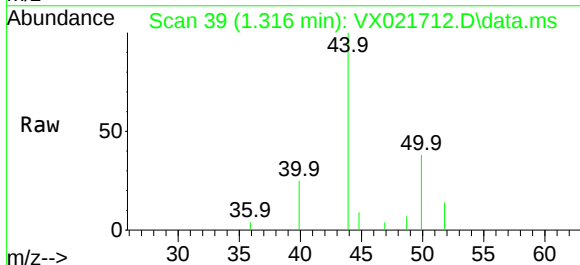
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121RE

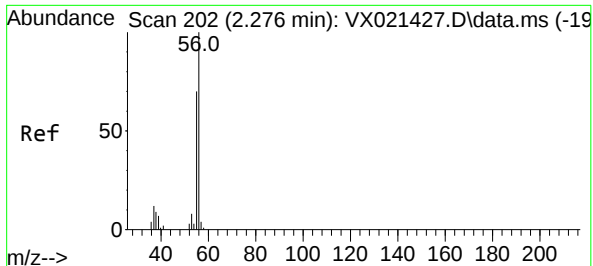
Tgt Ion:168 Resp: 55103
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#3
Chloromethane
Concen: 1.89 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

Tgt Ion: 50 Resp: 1286
Ion Ratio Lower Upper
50 100
52 37.2 26.4 39.6

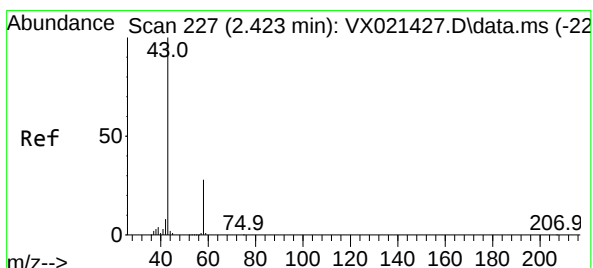
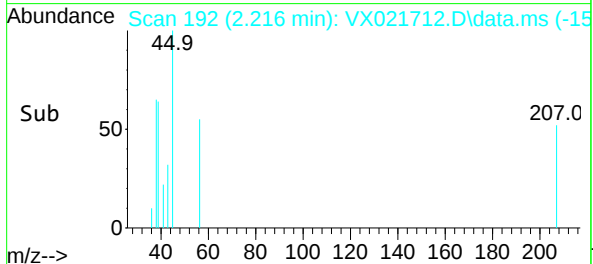
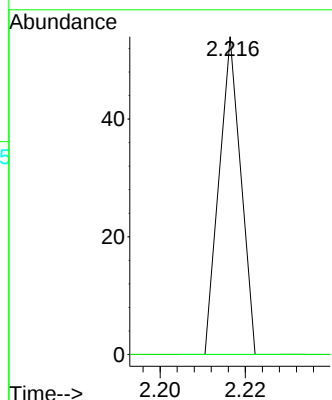
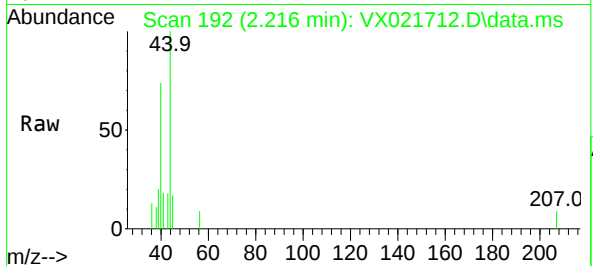




#13
Acrolein
Concen: 4.54 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.060 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

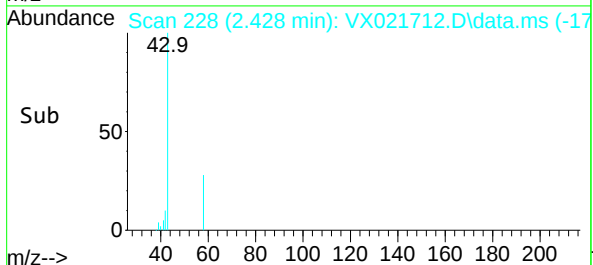
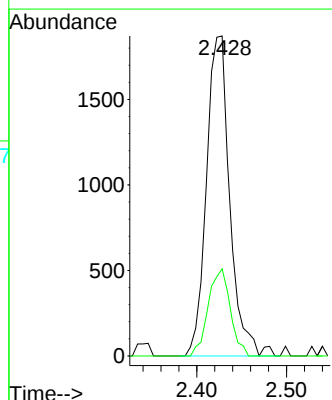
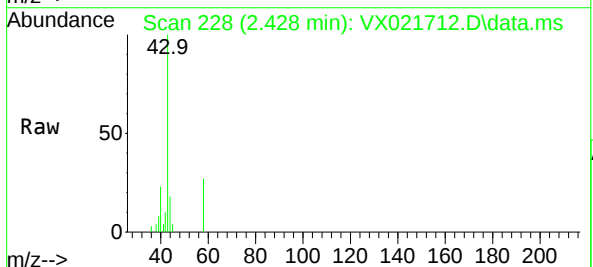
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121RE

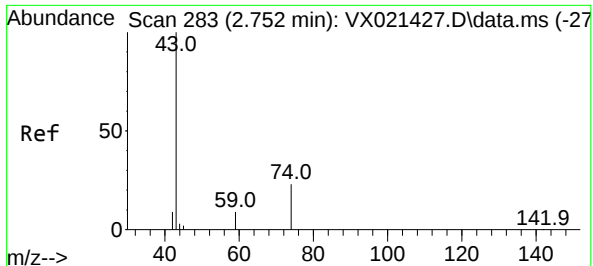
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 9.77 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

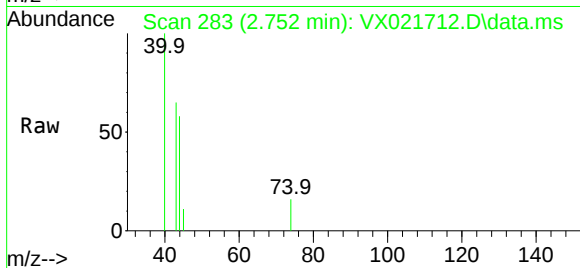
Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#



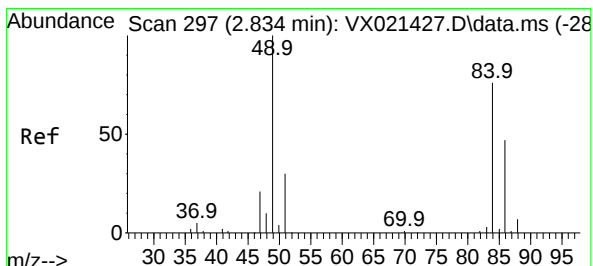
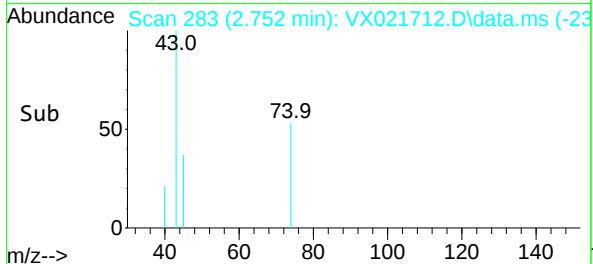
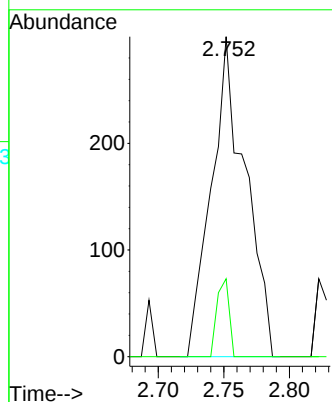


#18
Methyl Acetate
Concen: 0.54 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121RE

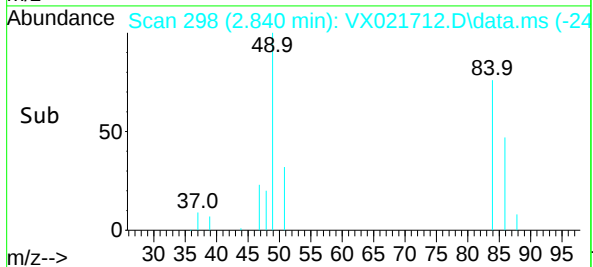
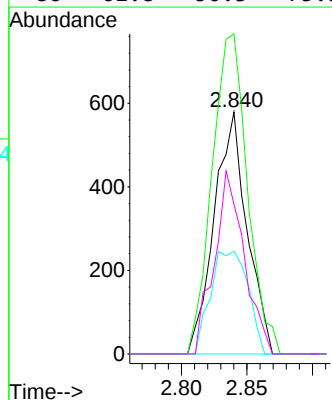
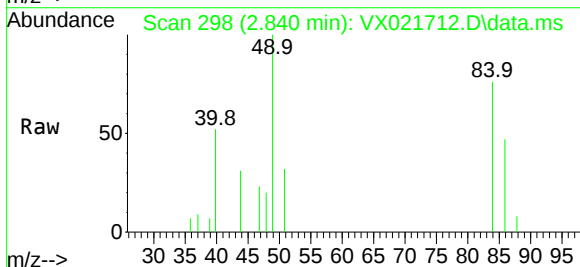


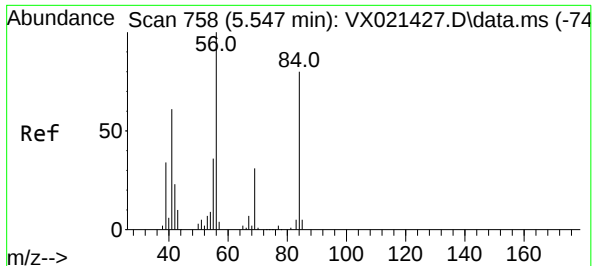
Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
74 8.7 21.9 32.9#



#20
Methylene Chloride
Concen: 1.49 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

Tgt Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
49 132.3 88.6 132.8
51 42.5 27.0 40.6#
86 61.8 50.3 75.5

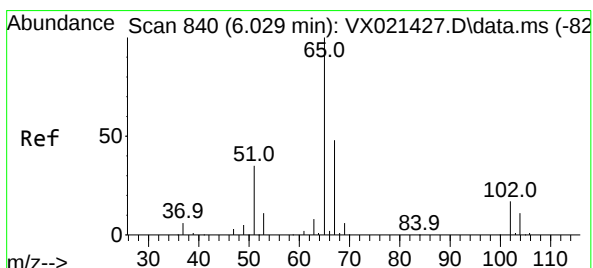
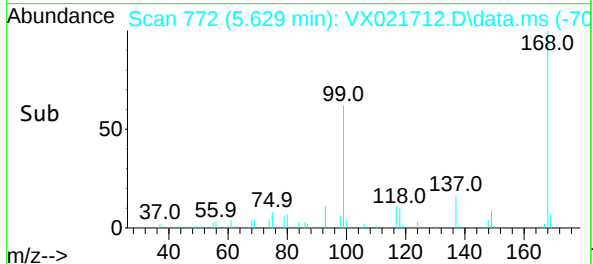
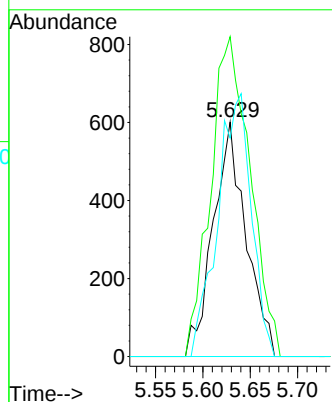
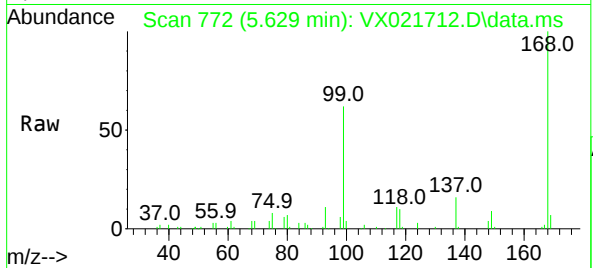




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

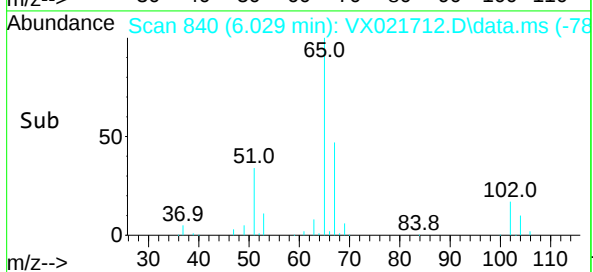
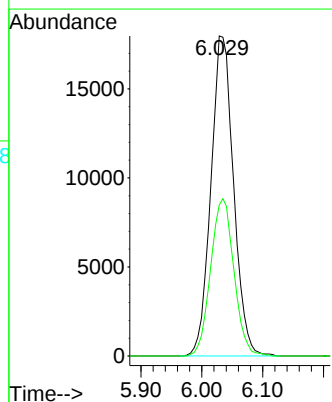
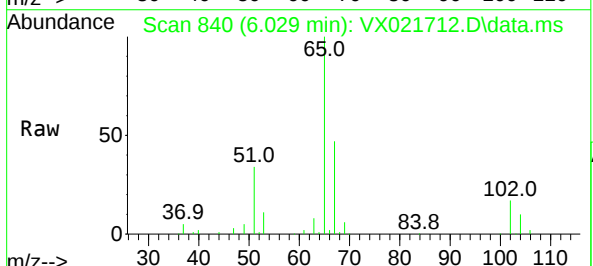
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121RE

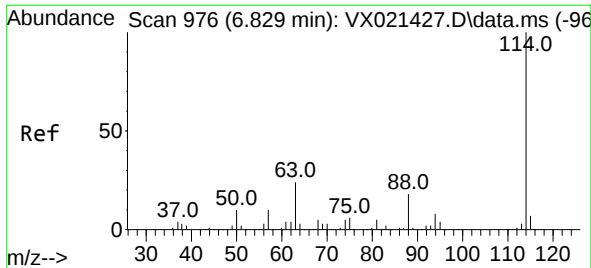
Tgt Ion: 56 Resp: 1450
Ion Ratio Lower Upper
56 100
69 136.4 25.3 37.9#
84 93.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.69 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

Tgt Ion: 65 Resp: 46475
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

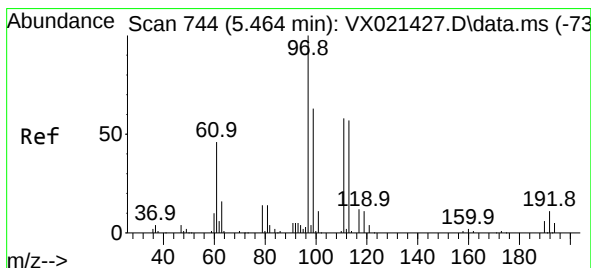
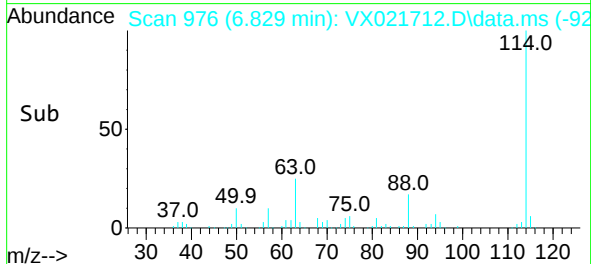
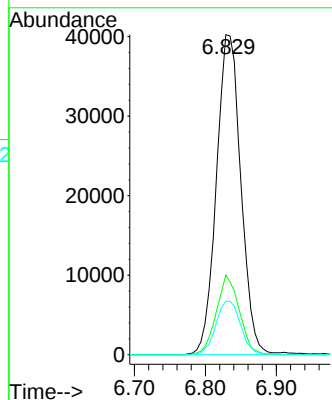
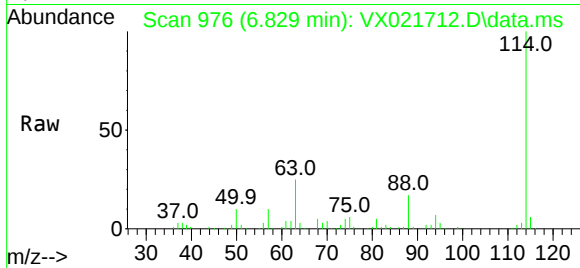




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

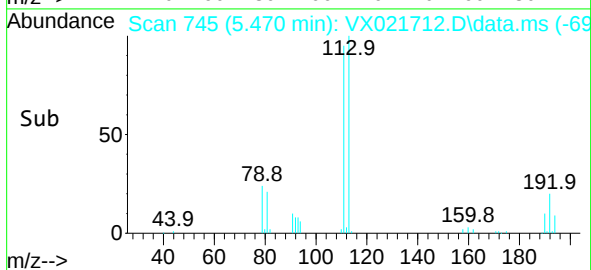
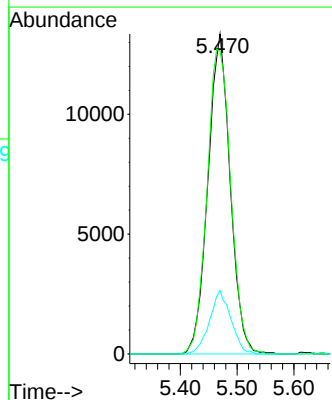
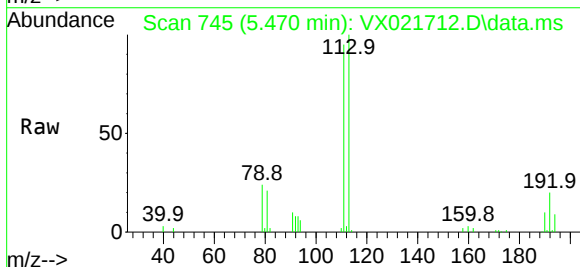
Instrument :
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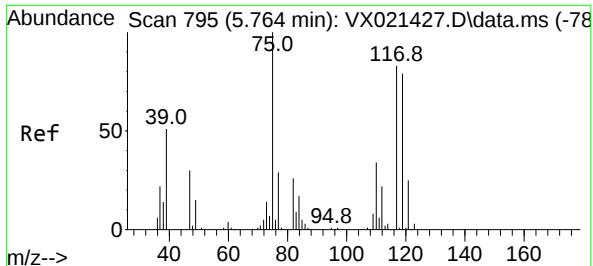
Tgt Ion:	114	Resp:	96168
Ion Ratio	Lower	Upper	
114	100		
63	24.9	0.0	40.8
88	16.7	0.0	32.8



#35
Dibromofluoromethane
Concen: 53.00 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

Tgt Ion:	113	Resp:	36207
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.9	122.9
192	19.1	16.7	25.1





#36

1,1-Dichloropropene

Concen: 5.24 ug/l

RT: 5.623 min Scan# 771

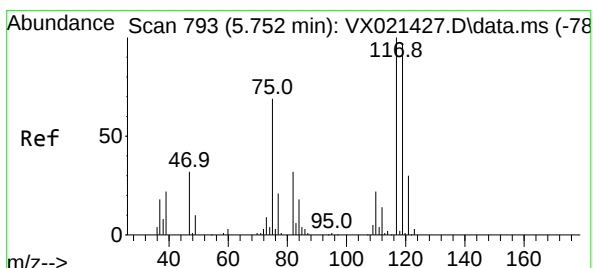
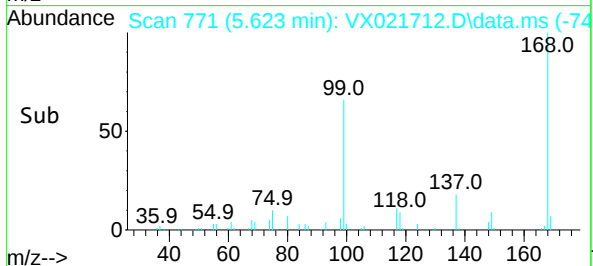
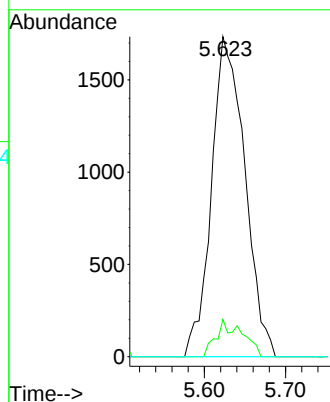
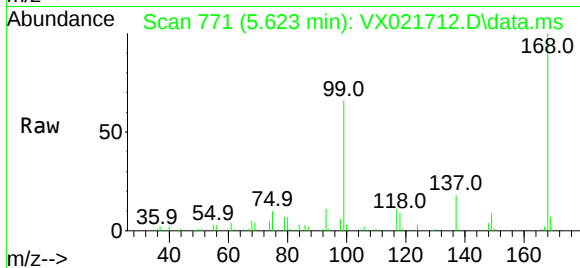
Delta R.T. -0.141 min

Lab File: VX021712.D

Acq: 01 Apr 2021 16:40

Tgt Ion:	75	Resp:	4942
Ion	Ratio	Lower	Upper
75	100		
110	5.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121RE



#38

Carbon Tetrachloride

Concen: 5.66 ug/l

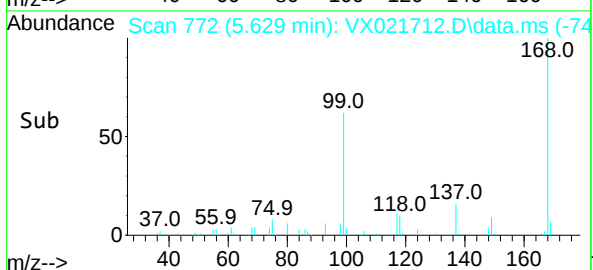
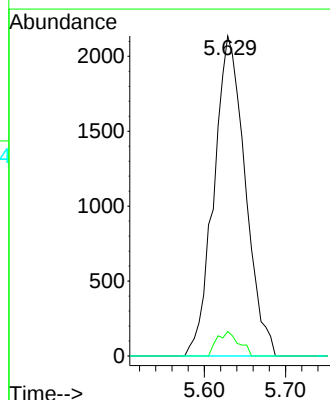
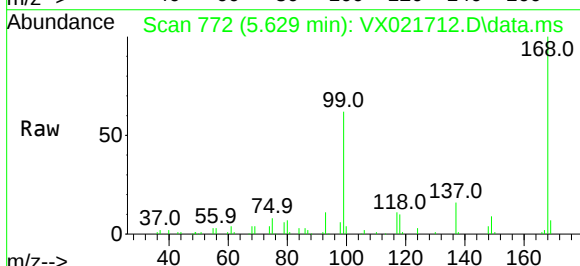
RT: 5.629 min Scan# 772

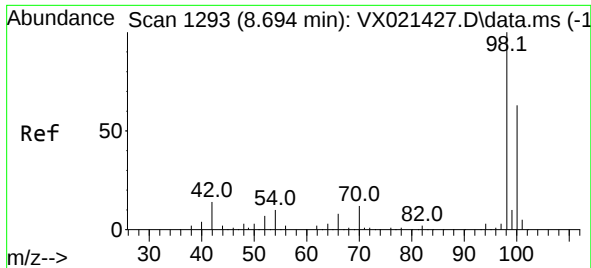
Delta R.T. -0.123 min

Lab File: VX021712.D

Acq: 01 Apr 2021 16:40

Tgt Ion:	117	Resp:	5728
Ion	Ratio	Lower	Upper
117	100		
119	7.6	76.2	114.2#
121	0.0	24.8	37.2#

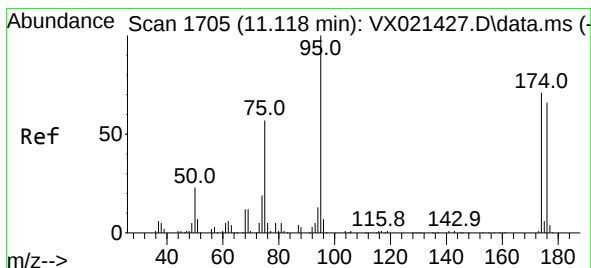
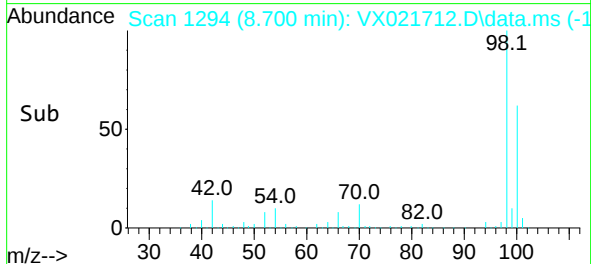
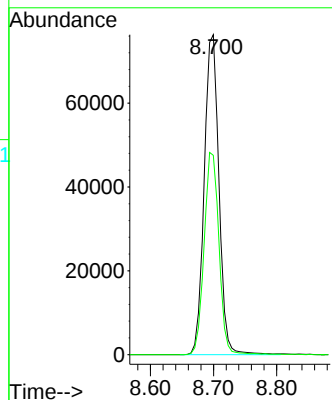
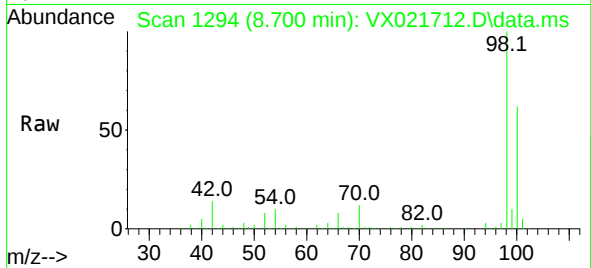




#50
Toluene-d8
Concen: 50.84 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

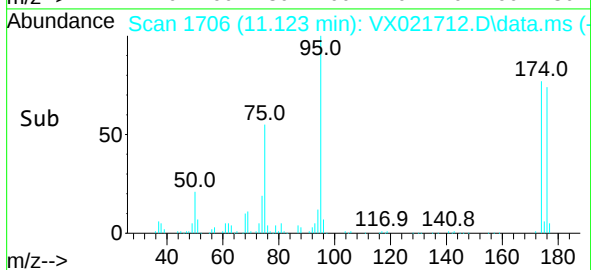
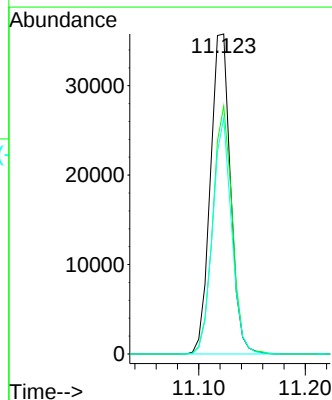
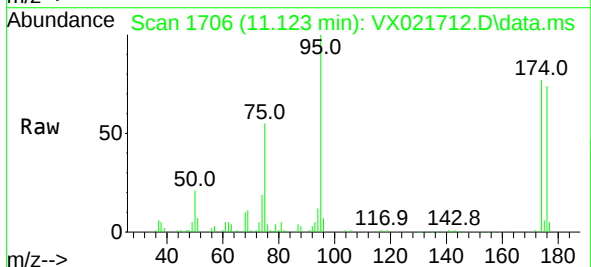
Instrument :
MSVOA_X
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EB-01-040121RE

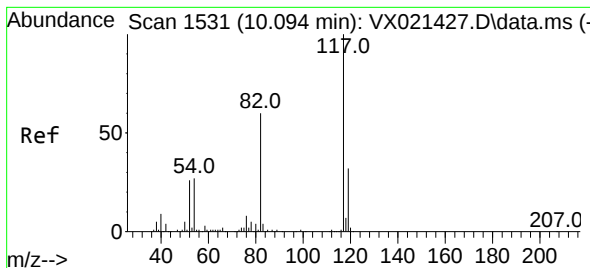
Tgt Ion: 98 Resp: 123768
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.51 ug/l
RT: 11.123 min Scan# 1706
Delta R.T. 0.005 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

Tgt Ion: 95 Resp: 46852
Ion Ratio Lower Upper
95 100
174 74.7 0.0 154.6
176 69.5 0.0 155.8

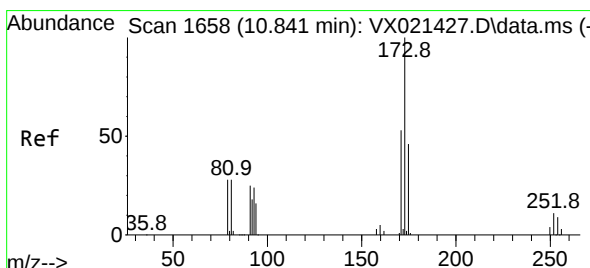
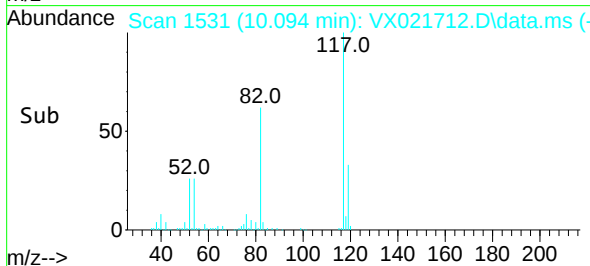
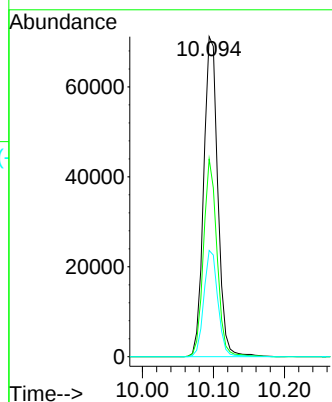
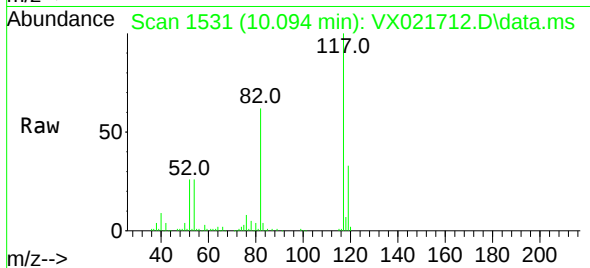




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

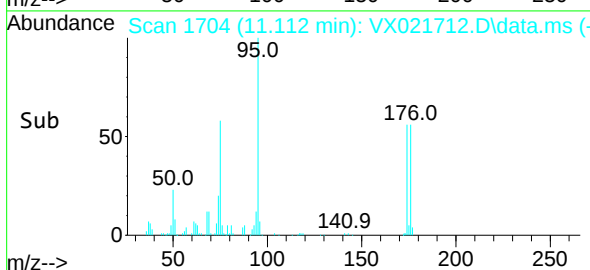
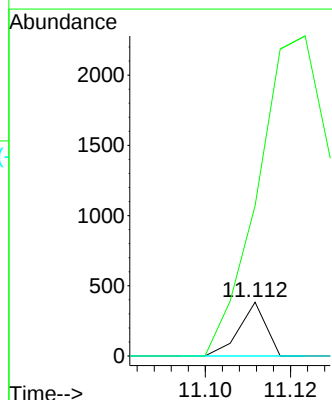
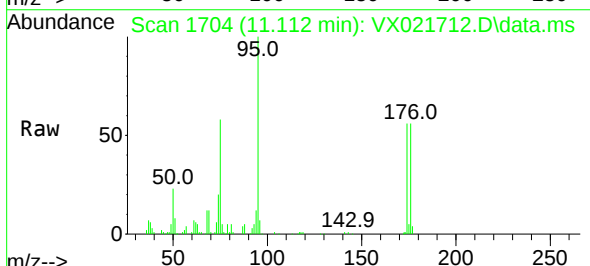
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121RE

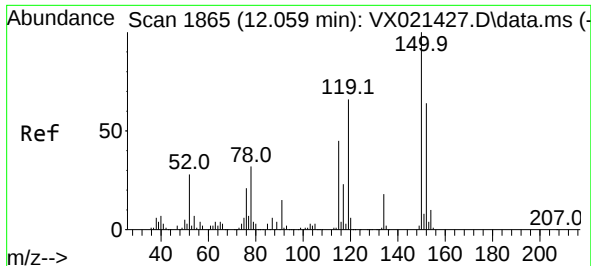
Tgt Ion:	117	Resp:	98917
Ion	Ratio	Lower	Upper
117	100		
82	61.8	47.4	71.2
119	33.2	26.6	39.8



#71
Bromoform
Concen: 0.27 ug/l
RT: 11.112 min Scan# 1704
Delta R.T. 0.271 min
Lab File: VX021712.D
Acq: 01 Apr 2021 16:40

Tgt Ion:	173	Resp:	167
Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.9	71.8#
254	0.0	0.1	0.1#

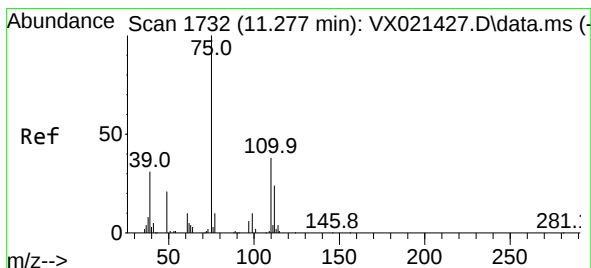
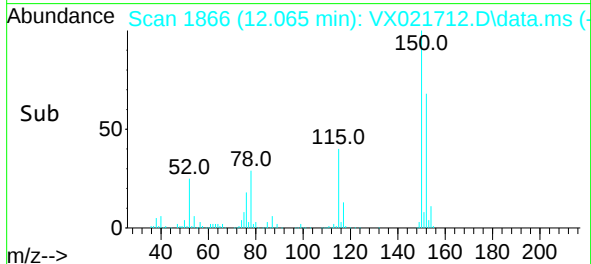
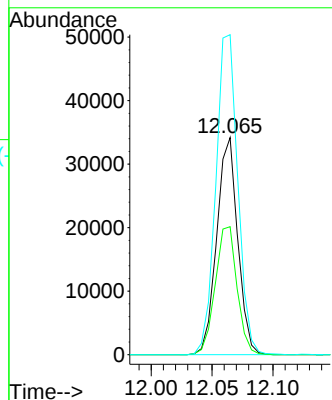
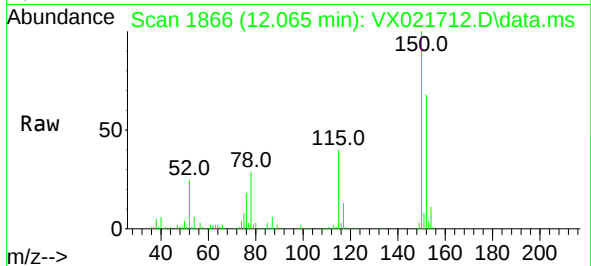




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.006 min
 Lab File: VX021712.D
 Acq: 01 Apr 2021 16:40

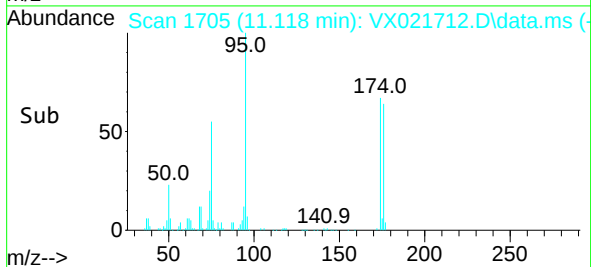
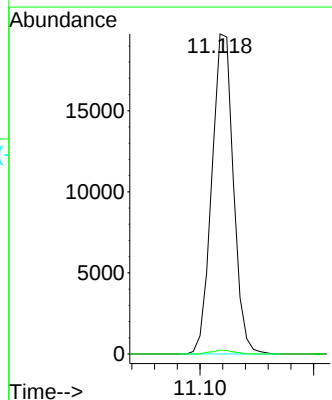
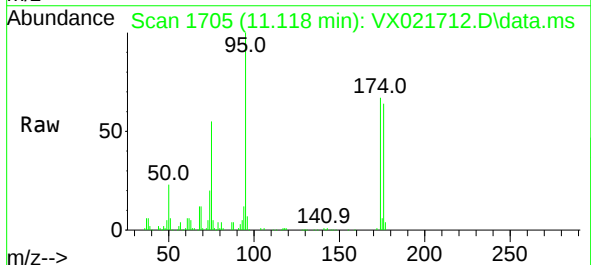
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-040121RE

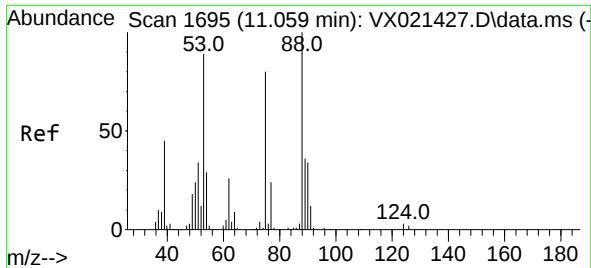
Tgt Ion:152 Resp: 40995
 Ion Ratio Lower Upper
 152 100
 115 61.3 41.1 123.3
 150 154.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.30 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021712.D
 Acq: 01 Apr 2021 16:40

Tgt Ion: 75 Resp: 26050
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.14 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021712.D
 Acq: 01 Apr 2021 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-040121RE

Tgt Ion: 75 Resp: 26050
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

