

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021710.D
 Acq On : 01 Apr 2021 15:58
 Operator : JC/MD
 Sample : M1913-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-040121

Quant Time: Apr 02 03:28:54 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)

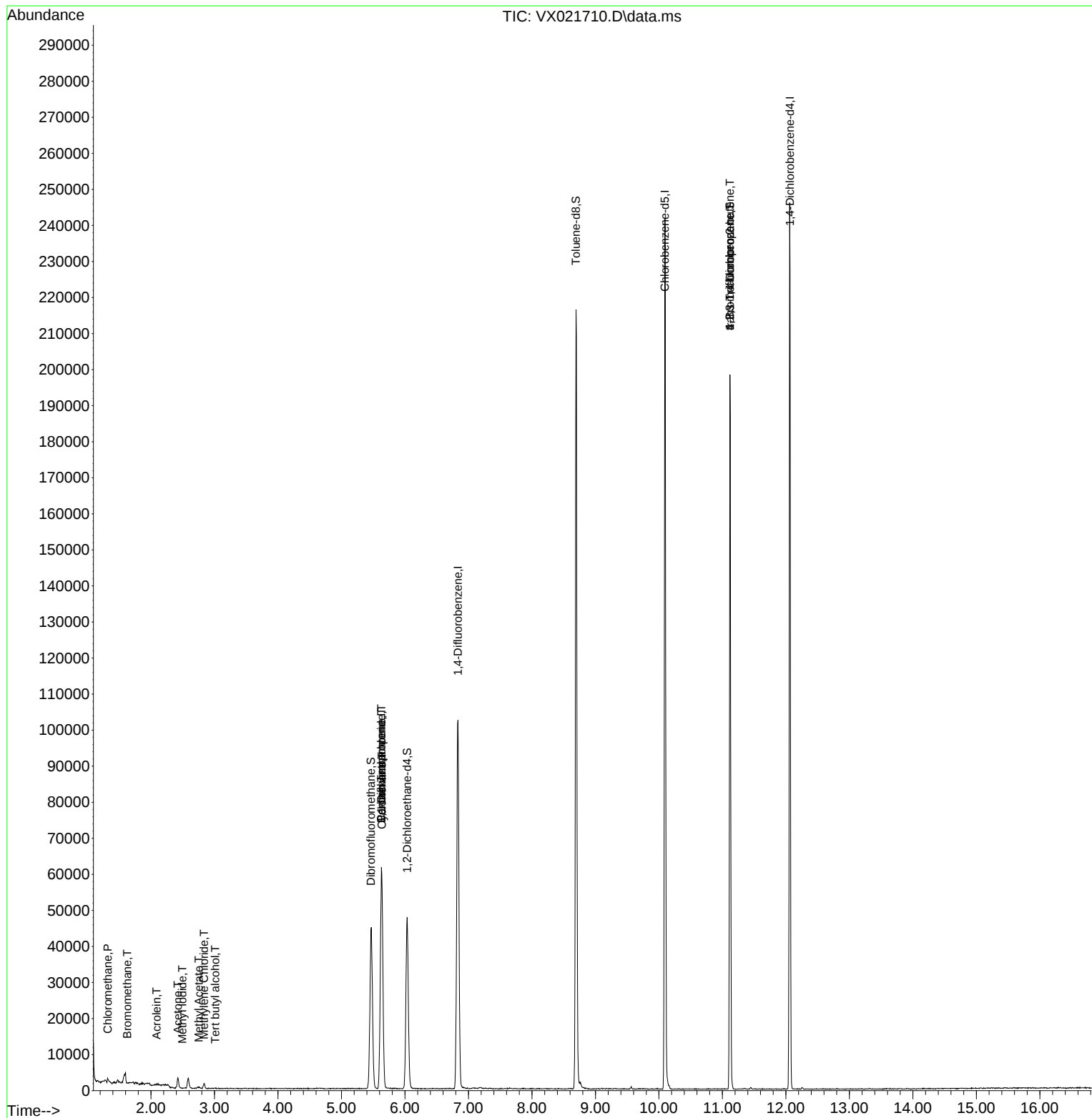
Internal Standards						
1) Pentafluorobenzene	5.629	168	53305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	97807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	102426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	46381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	47288	53.32	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.64%	
35) Dibromofluoromethane	5.464	113	36063	51.91	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.82%	
50) Toluene-d8	8.694	98	125007	50.49	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.98%	
62) 4-Bromofluorobenzene	11.118	95	50119	52.07	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1221	1.85	ug/l	99
5) Bromomethane	1.628	94	53	0.22	ug/l #	2
10) Methyl Iodide	2.493	142	18	6.68	ug/l #	42
11) Tert butyl alcohol	3.011	59	61	0.42	ug/l #	73
13) Acrolein	2.087	56	39	4.82	ug/l #	1
16) Acetone	2.423	43	3045	9.08	ug/l	91
18) Methyl Acetate	2.752	43	597	0.62	ug/l #	63
20) Methylene Chloride	2.834	84	577	0.88	ug/l #	65
31) Cyclohexane	5.635	56	1458	1.49	ug/l #	38
36) 1,1-Dichloropropene	5.629	75	4839	5.05	ug/l #	48
38) Carbon Tetrachloride	5.629	117	5707	5.54	ug/l #	15
76) 1,2,3-Trichloropropane	11.118	75	28277	26.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28277	79.77	ug/l #	12

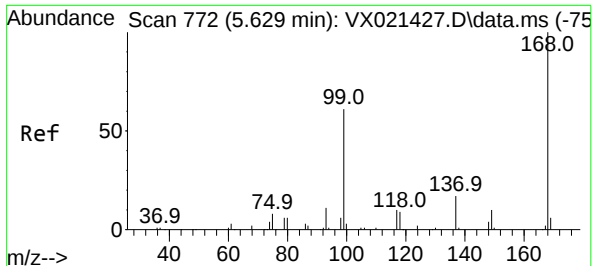
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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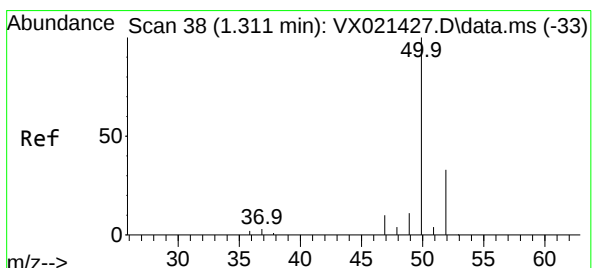
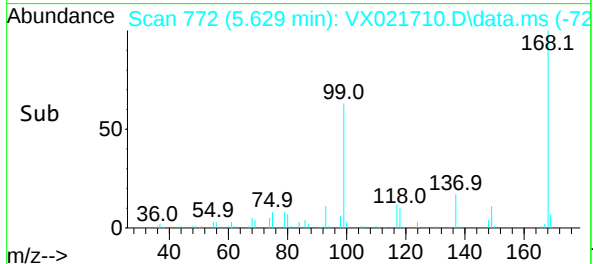
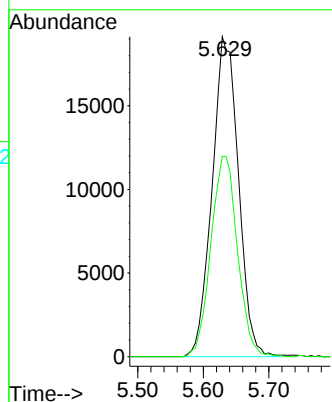
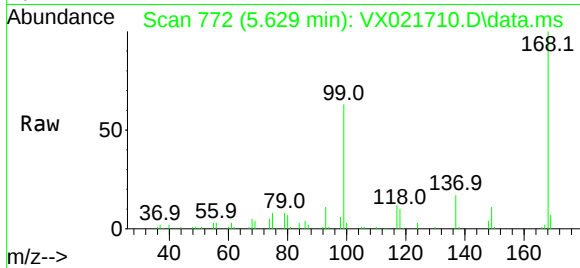




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

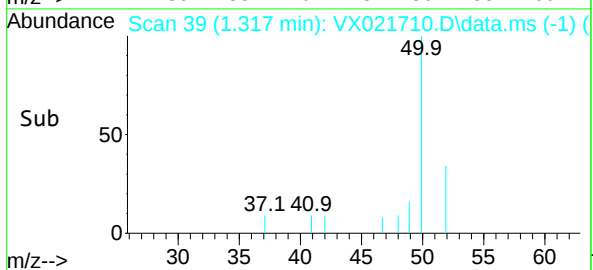
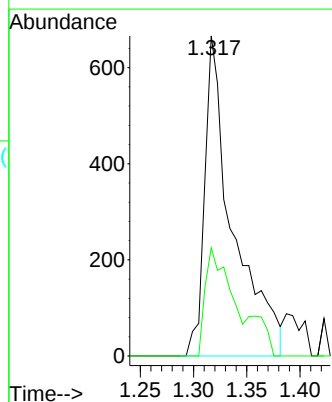
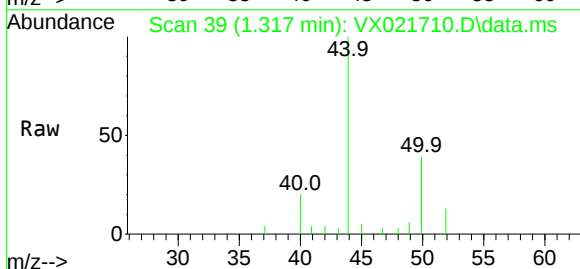
Instrument :
MSVOA_X
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EB-01-040121

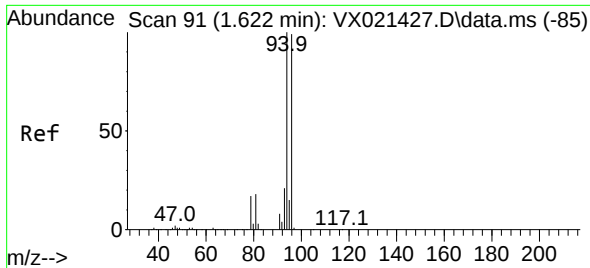
Tgt Ion:168 Resp: 53305
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#3
Chloromethane
Concen: 1.85 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 50 Resp: 1221
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

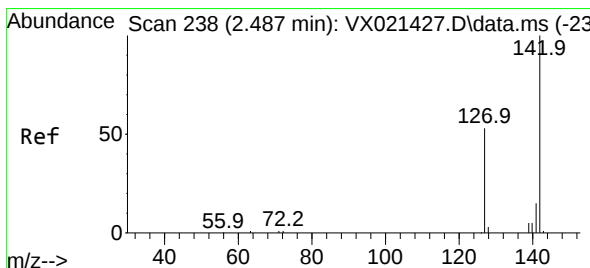
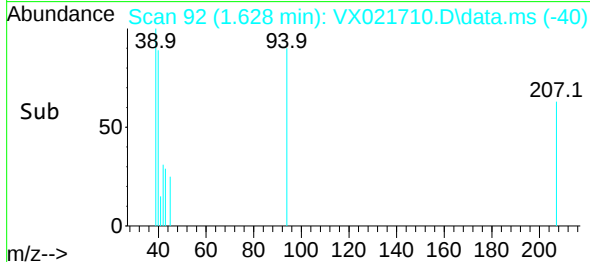
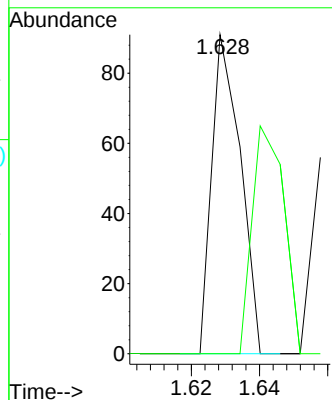
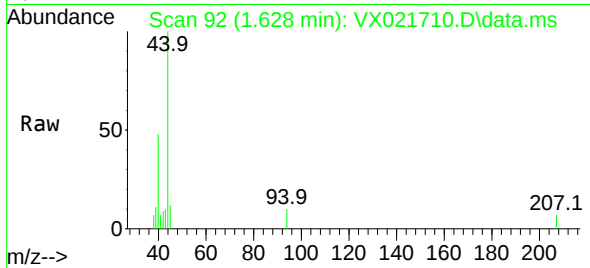




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

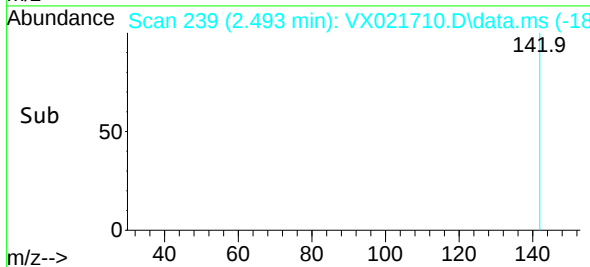
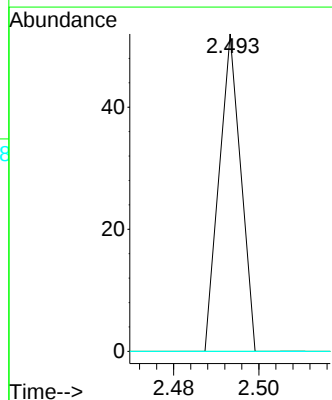
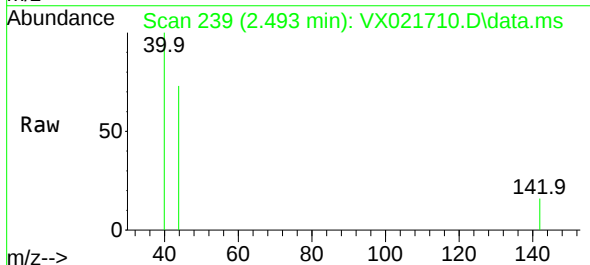
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121

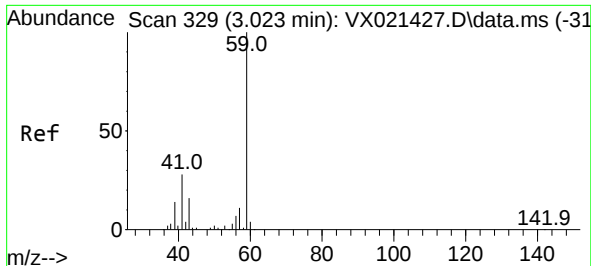
Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 6.68 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 142 Resp: 18
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

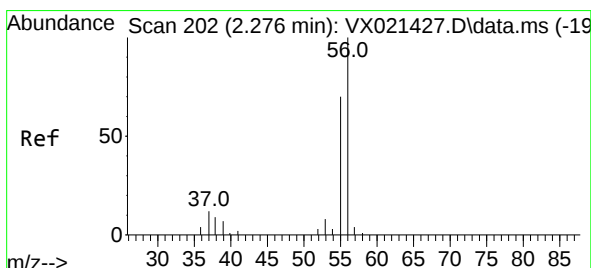
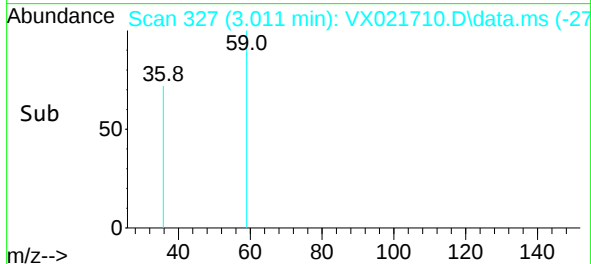
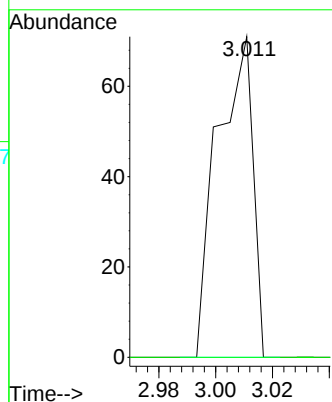
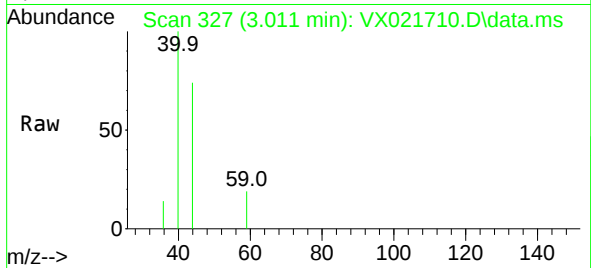




#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

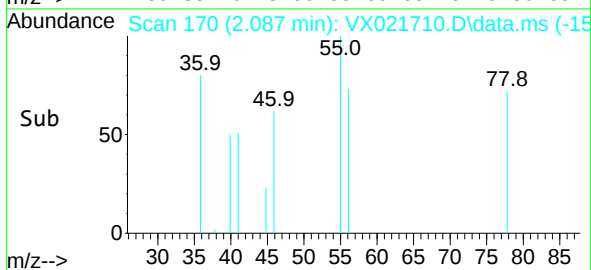
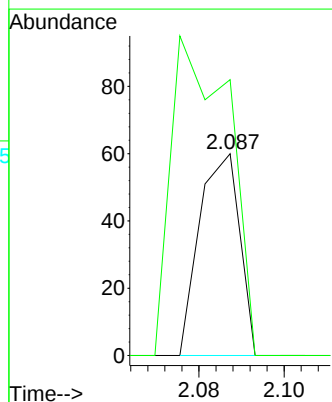
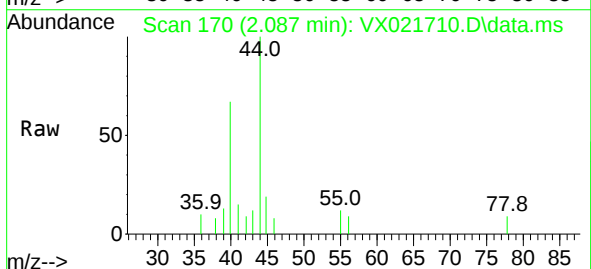
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121

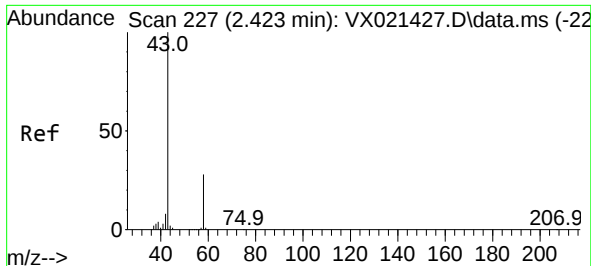
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.82 ug/l
RT: 2.087 min Scan# 170
Delta R.T. -0.189 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 228.2 56.4 84.6#

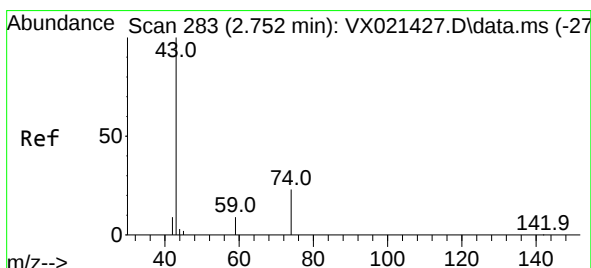
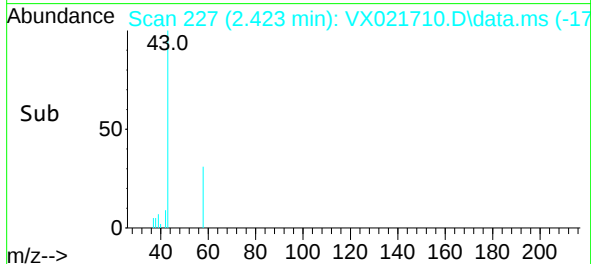
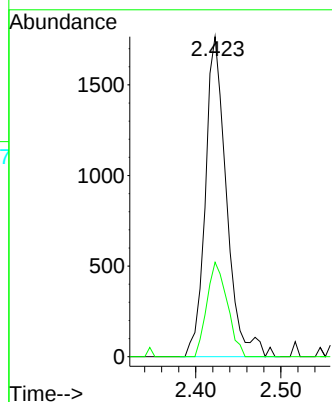
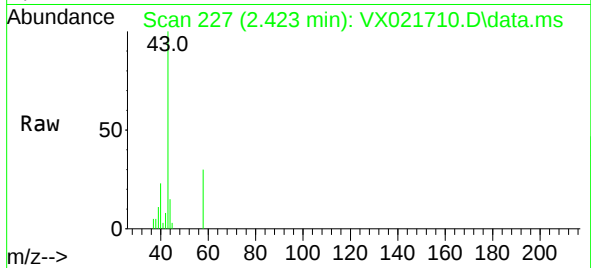




#16
Acetone
Concen: 9.08 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

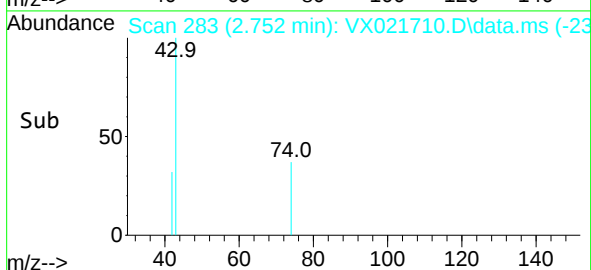
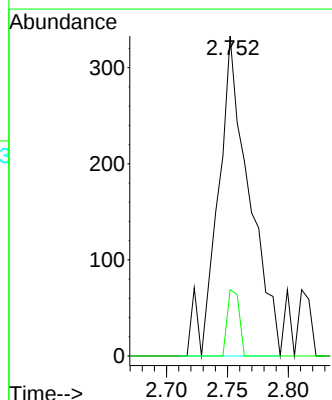
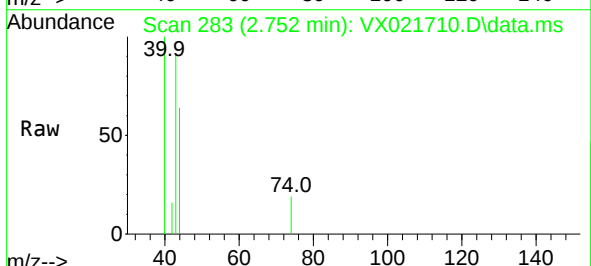
Instrument :
MSVOA_X
ClientSampleId :
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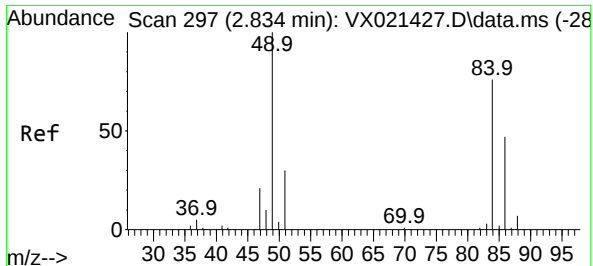
Tgt Ion: 43 Resp: 3045
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.62 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

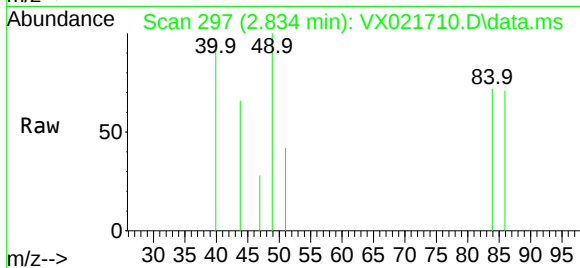
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
74 7.9 21.9 32.9#





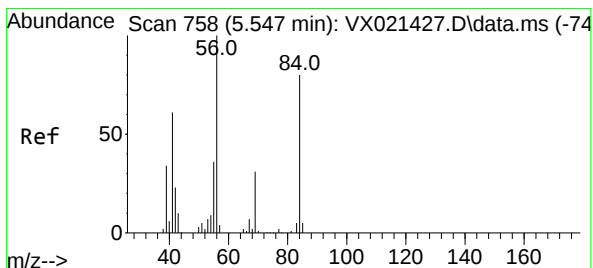
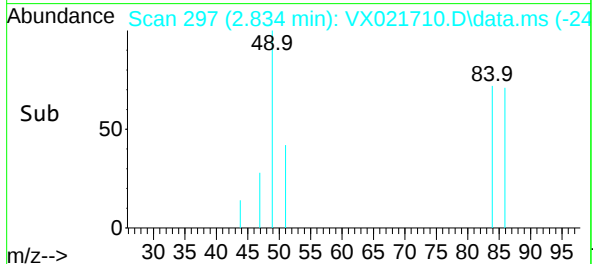
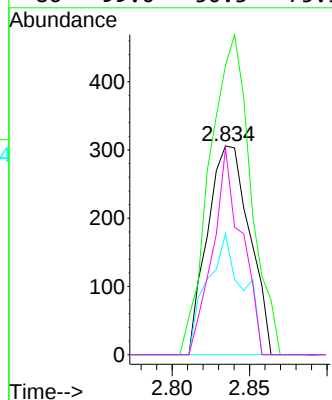
#20
Methylene Chloride
Concen: 0.88 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

Instrument :
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ClientSampleId :
EB-01-040121

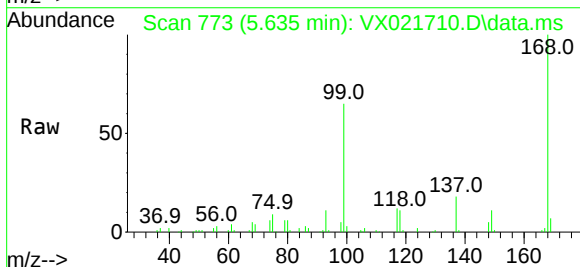


Tgt Ion: 84 Resp: 577

Ion	Ratio	Lower	Upper
84	100		
49	138.6	88.6	132.8#
51	57.8	27.0	40.6#
86	99.0	50.3	75.5#

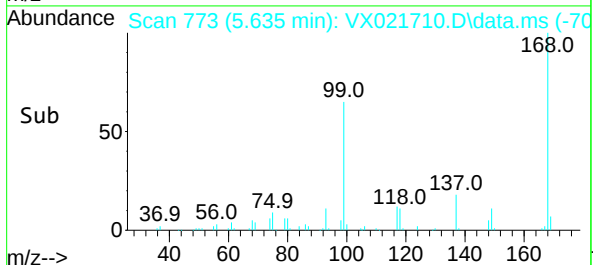
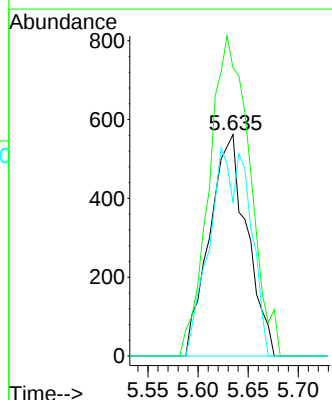


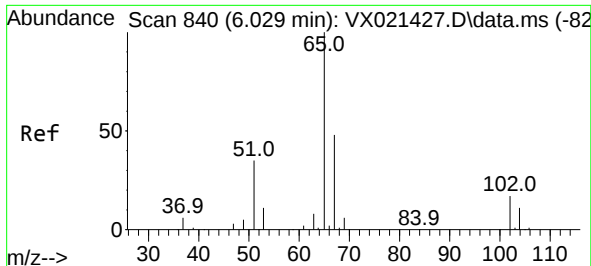
#31
Cyclohexane
Concen: 1.49 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58



Tgt Ion: 56 Resp: 1458

Ion	Ratio	Lower	Upper
56	100		
69	130.1	25.3	37.9#
84	69.6	71.4	107.0#

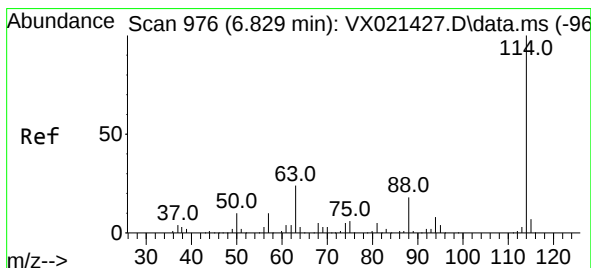
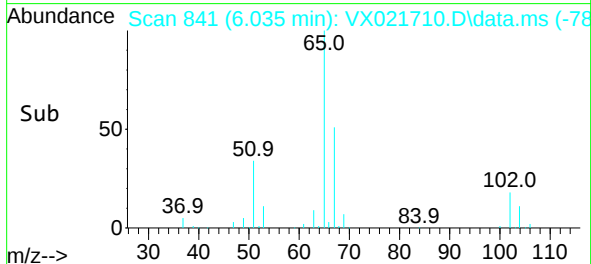
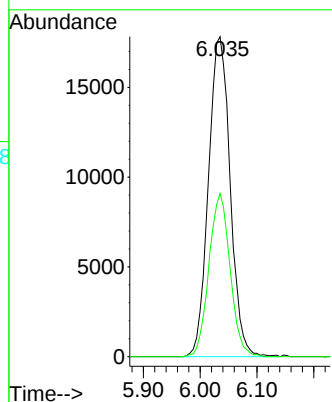
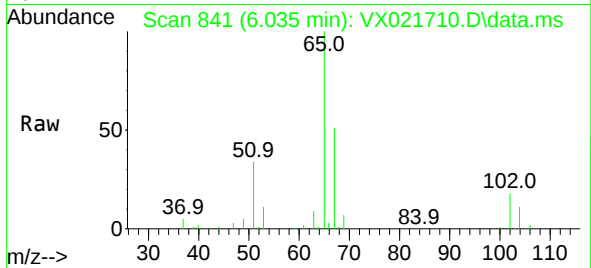




#33
 1,2-Dichloroethane-d4
 Concen: 53.32 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021710.D
 Acq: 01 Apr 2021 15:58

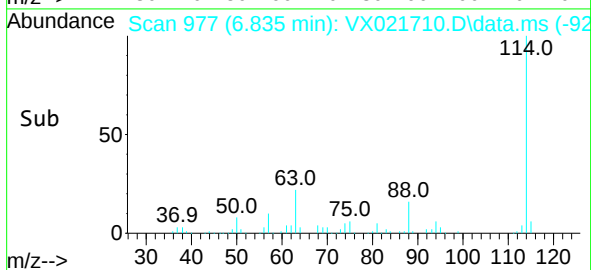
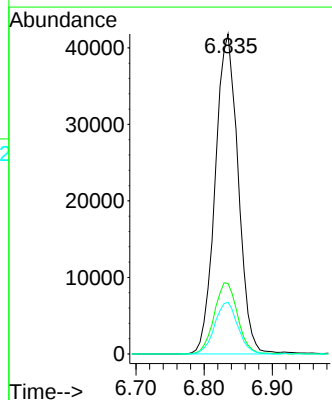
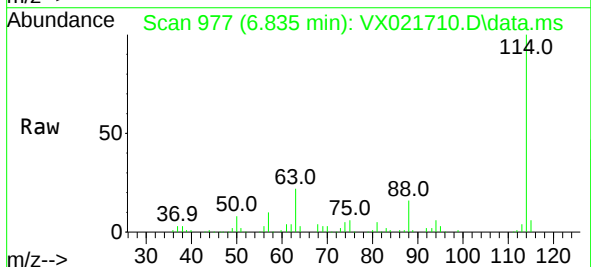
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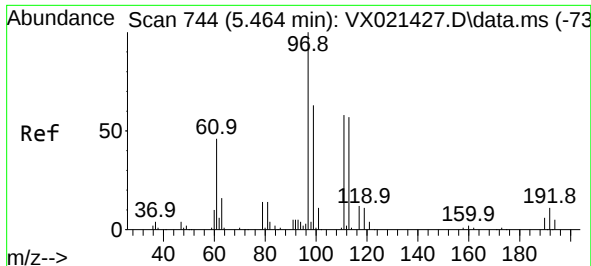
Tgt Ion: 65 Resp: 47288
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.835 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VX021710.D
 Acq: 01 Apr 2021 15:58

Tgt Ion: 114 Resp: 97807
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.8
 88 16.2 0.0 32.8

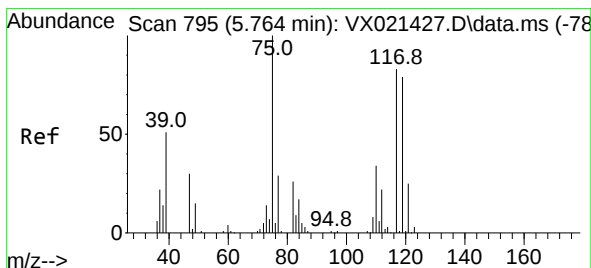
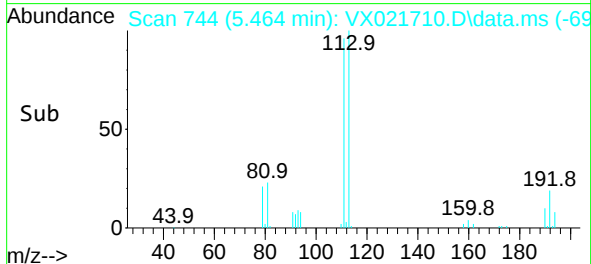
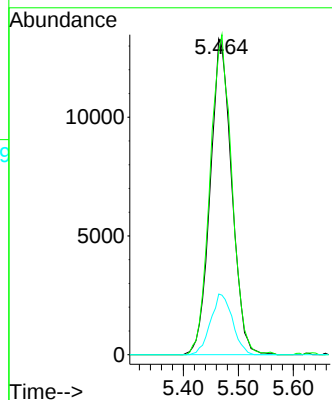
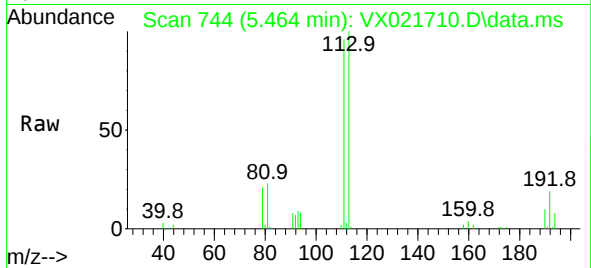




#35
Dibromofluoromethane
Concen: 51.91 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

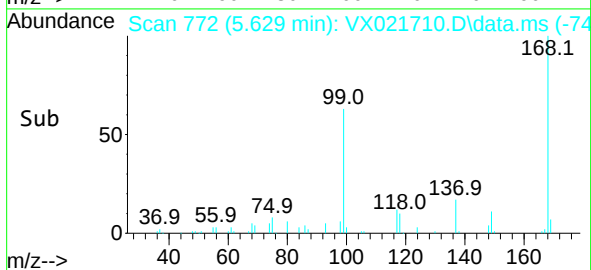
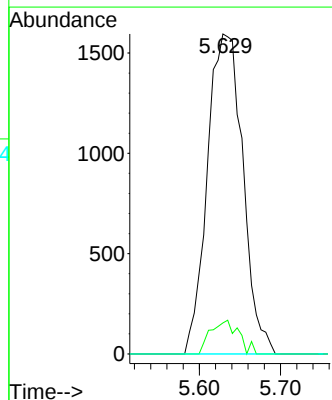
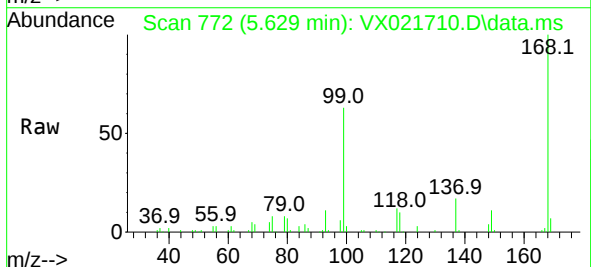
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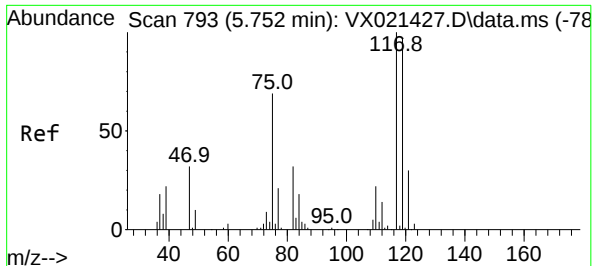
Tgt Ion:113 Resp: 36063
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

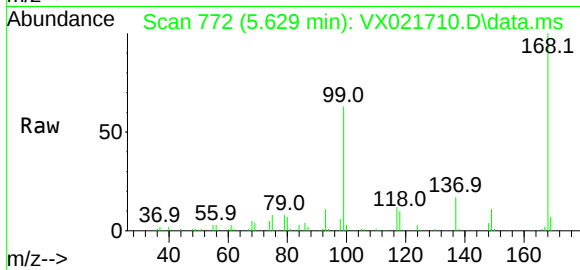
Tgt Ion: 75 Resp: 4839
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



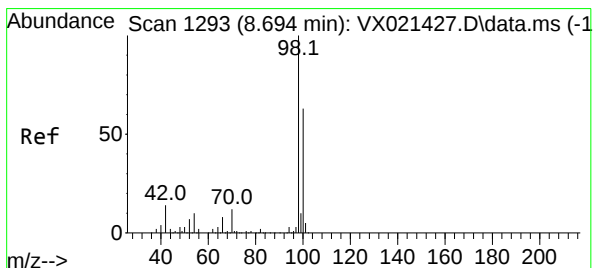
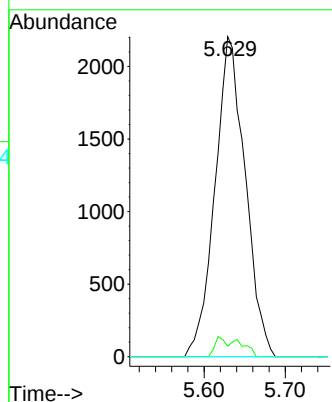
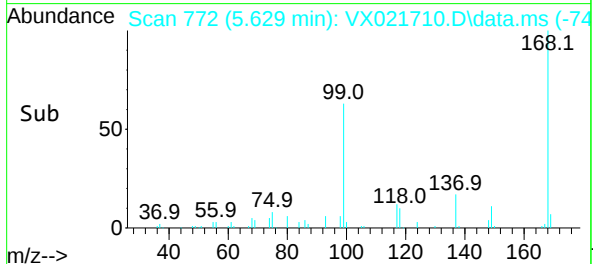


#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

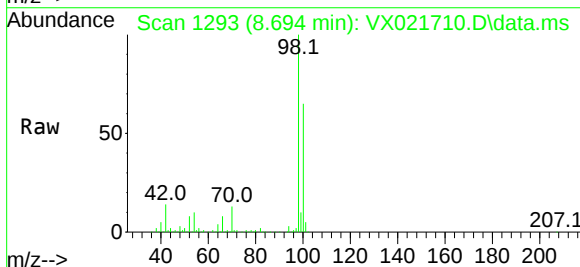
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121



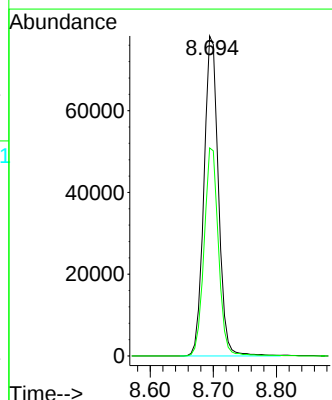
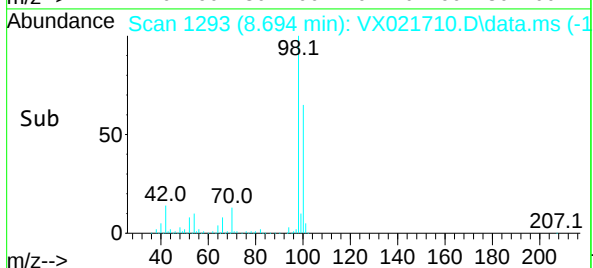
Tgt Ion: 117 Resp: 5707
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#

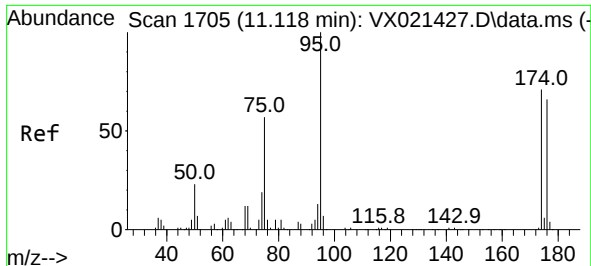


#50
Toluene-d8
Concen: 50.49 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58



Tgt Ion: 98 Resp: 125007
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

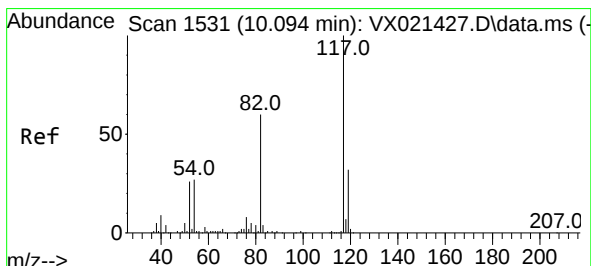
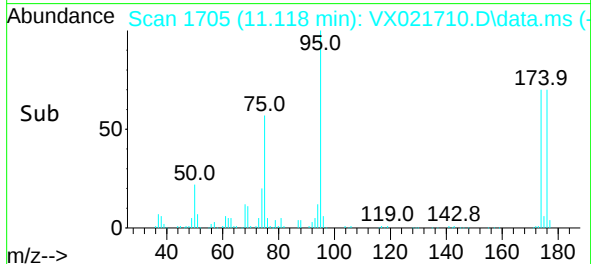
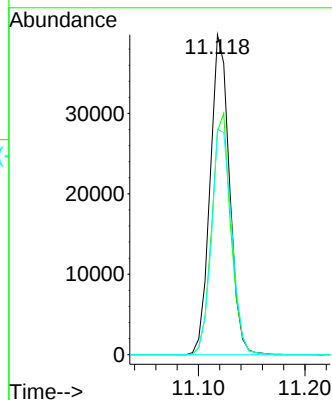
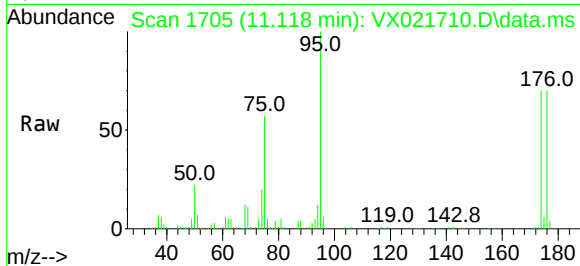




#62
4-Bromofluorobenzene
Concen: 52.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

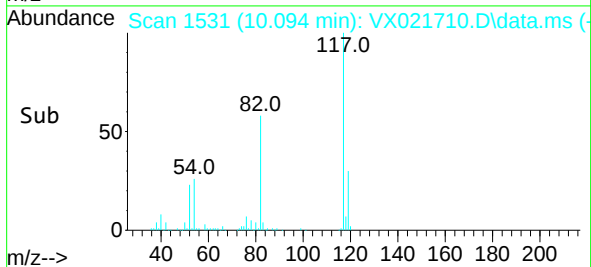
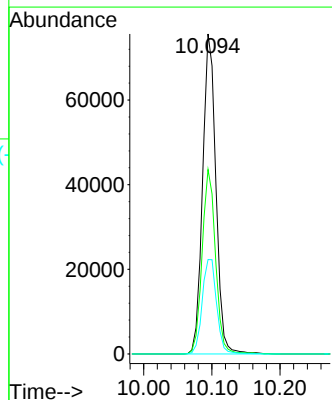
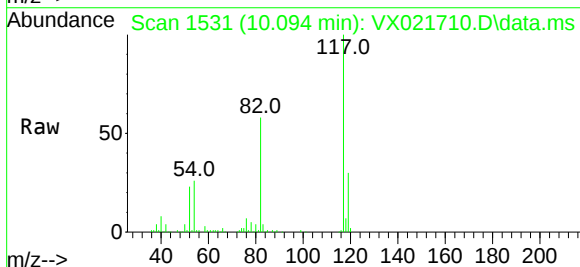
Instrument :
MSVOA_X
ClientSampleId :
EB-01-040121

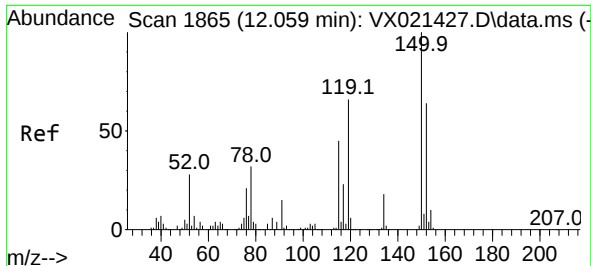
Tgt Ion:	95	Resp:	50119
Ion Ratio	Lower	Upper	
95	100		
174	74.4	0.0	154.6
176	73.9	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021710.D
Acq: 01 Apr 2021 15:58

Tgt Ion:	117	Resp:	102426
Ion Ratio	Lower	Upper	
117	100		
82	57.7	47.4	71.2
119	29.5	26.6	39.8

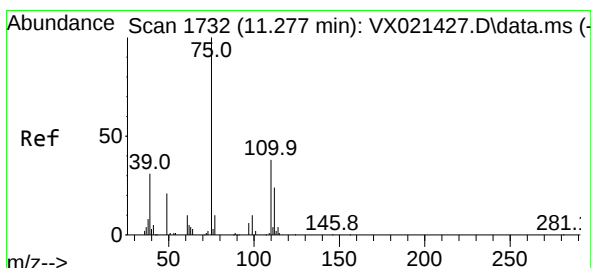
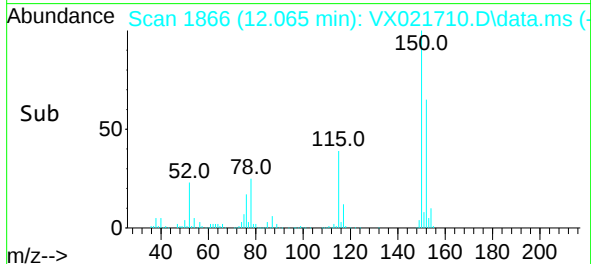
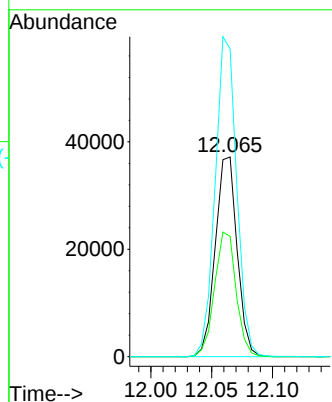
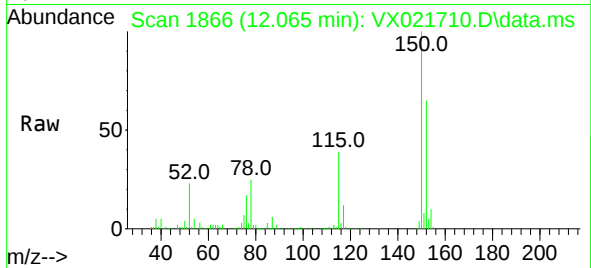




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.006 min
 Lab File: VX021710.D
 Acq: 01 Apr 2021 15:58

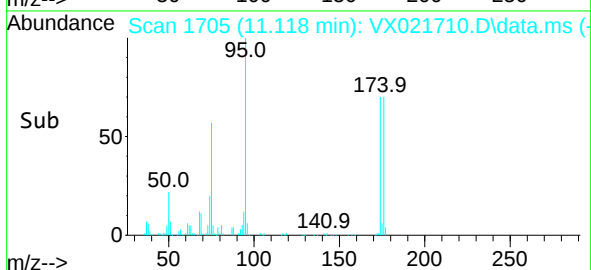
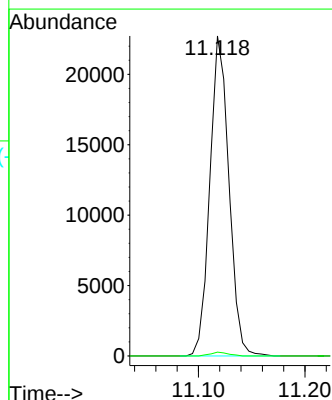
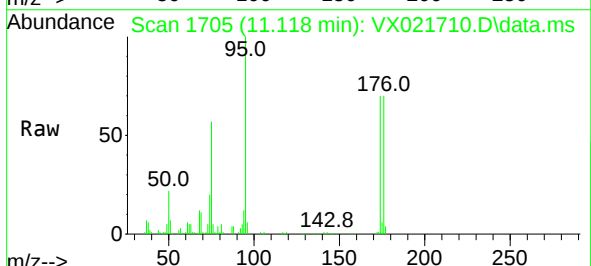
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-040121

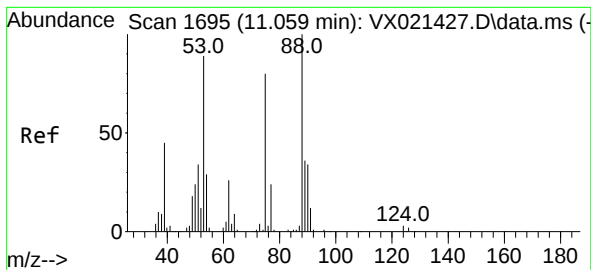
Tgt Ion:152 Resp: 46381
 Ion Ratio Lower Upper
 152 100
 115 61.8 41.1 123.3
 150 157.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.19 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021710.D
 Acq: 01 Apr 2021 15:58

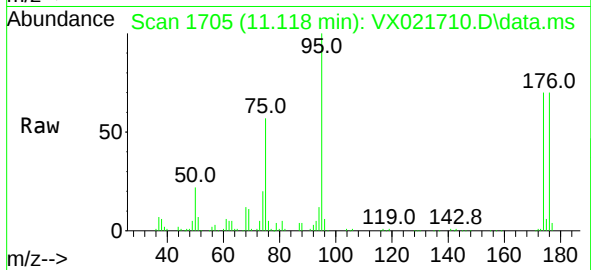
Tgt Ion: 75 Resp: 28277
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.77 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021710.D
 Acq: 01 Apr 2021 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-040121



Tgt Ion: 75 Resp: 28277
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

