

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022772.D
 Acq On : 18 Jun 2021 17:22
 Operator : JC/MD
 Sample : M2773-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Jun 19 01:46:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

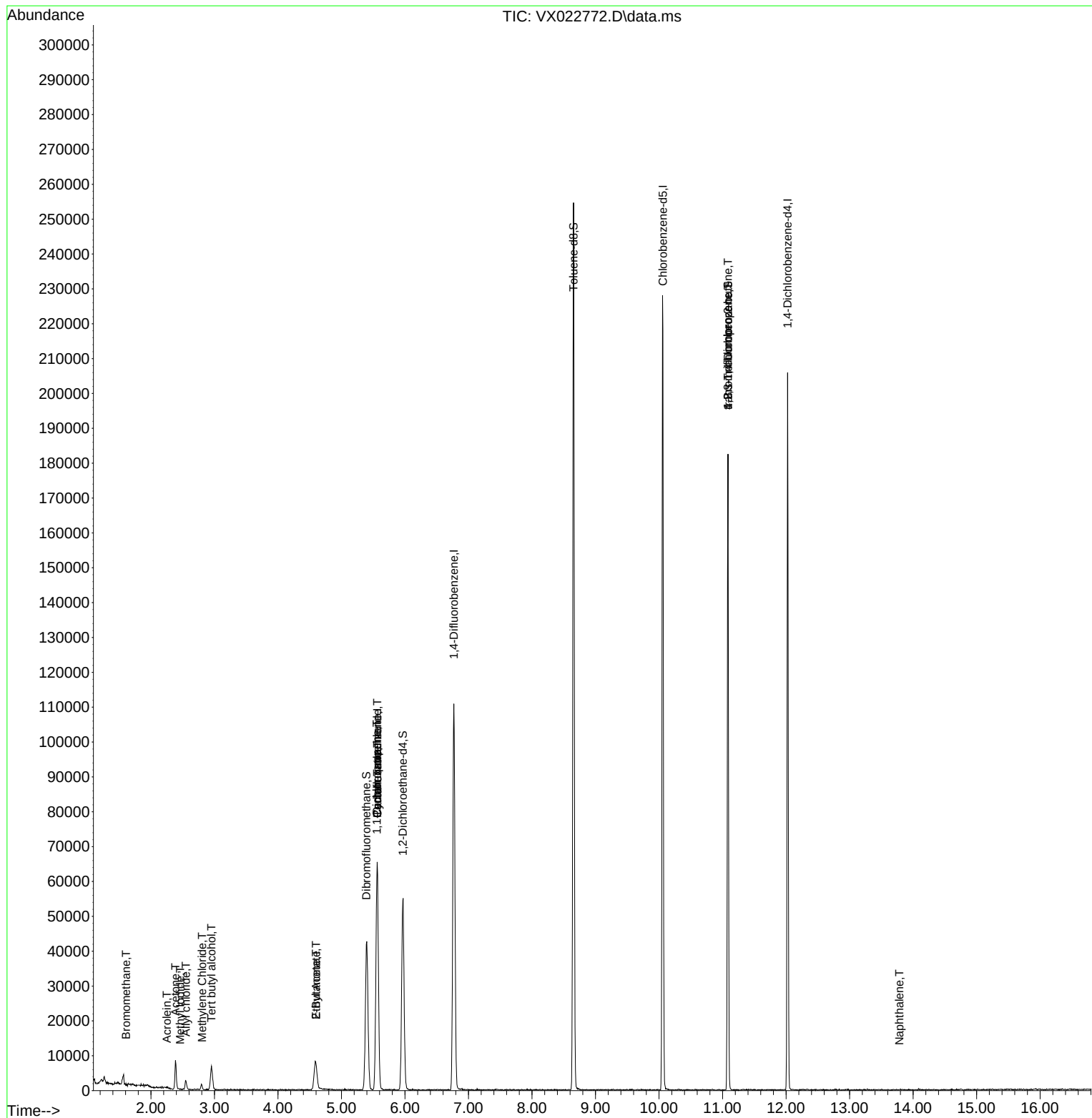
Internal Standards						
1) Pentafluorobenzene	5.562	168	53243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	107318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	95754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51927	54.228	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.460%	
35) Dibromofluoromethane	5.391	113	36172	52.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.660%	
50) Toluene-d8	8.653	98	143683	53.232	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	11.085	95	48729	47.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	82	0.203	ug/l #	2
10) Methyl Iodide	2.459	142	158	0.216	ug/l #	56
11) Tert butyl alcohol	2.953	59	4280	19.304	ug/l #	73
13) Acrolein	2.252	56	47	0.506	ug/l #	14
14) Allyl chloride	2.550	41	322	0.258	ug/l #	20
16) Acetone	2.386	43	8109	18.912	ug/l	94
20) Methylene Chloride	2.806	84	667	0.531	ug/l #	69
25) 2-Butanone	4.599	43	650	0.935	ug/l #	45
31) Cyclohexane	5.562	56	1614	1.397	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	5719	5.348	ug/l #	47
37) Ethyl Acetate	4.599	43	650	0.478	ug/l #	75
38) Carbon Tetrachloride	5.562	117	6371	6.965	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	26414	28.113	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26414	70.038	ug/l #	12
95) Naphthalene	13.786	128	120	1.513	ug/l #	69

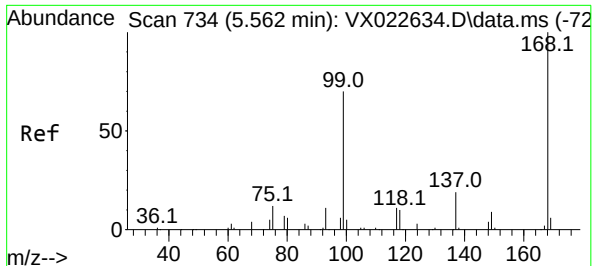
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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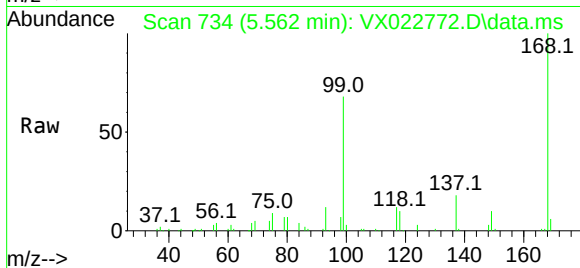
Quant Time: Jun 19 01:46:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



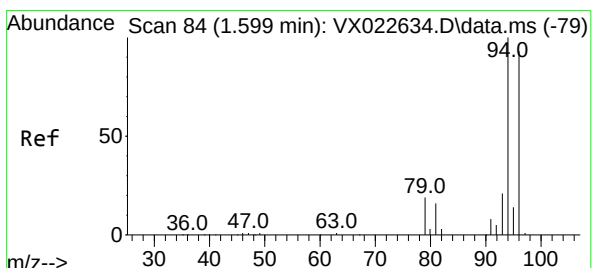
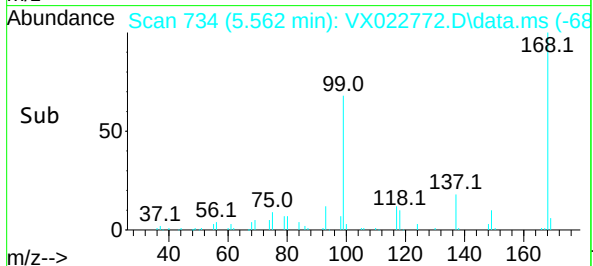
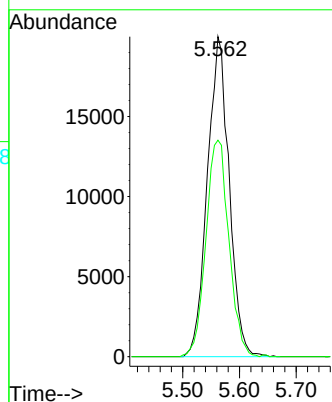


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :
FB

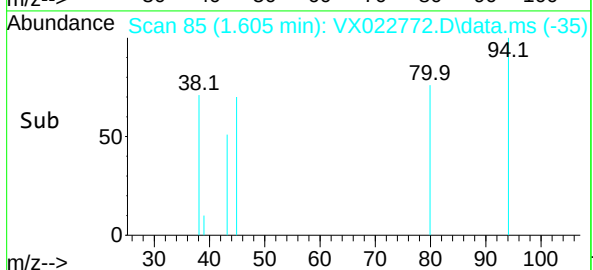
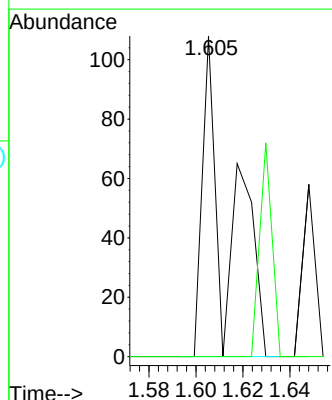
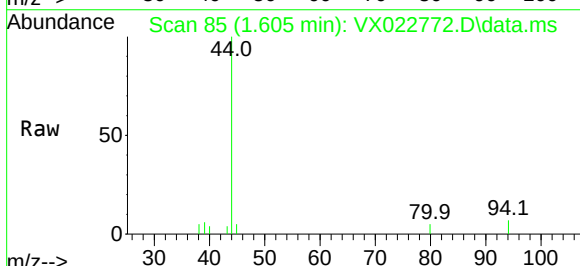


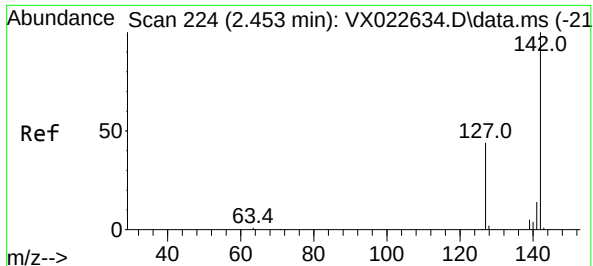
Tgt Ion:168 Resp: 53243
Ion Ratio Lower Upper
168 100
99 67.7 45.8 68.6



#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

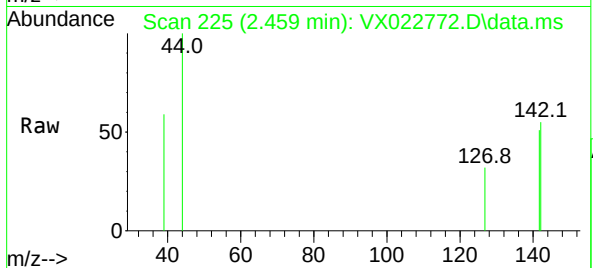
Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



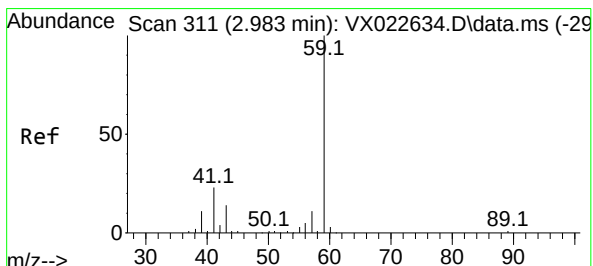
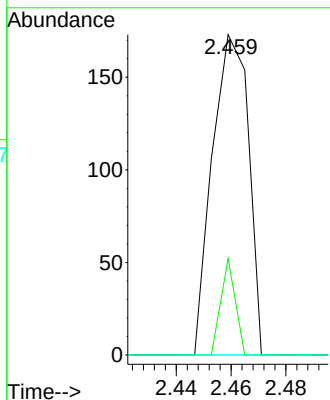
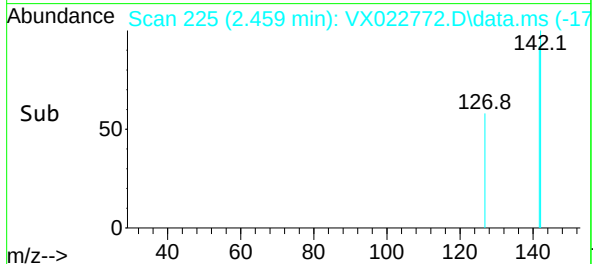


#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

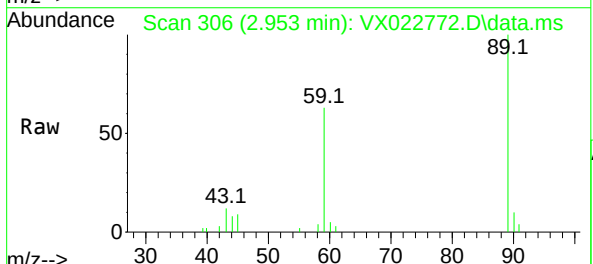
Instrument :
MSVOA_X
ClientSampled :
FB



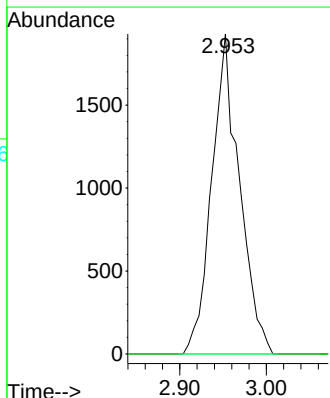
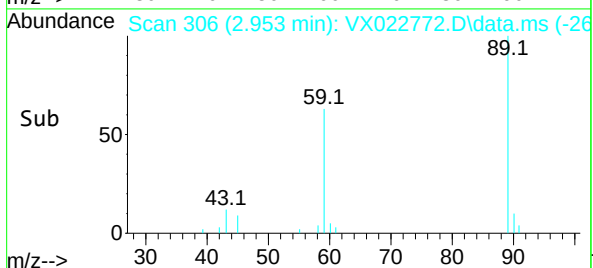
Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 12.0 33.3 49.9#
141 0.0 11.4 17.0#

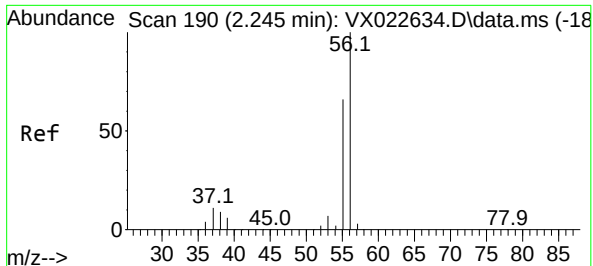


#11
Tert butyl alcohol
Concen: 19.304 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22



Tgt Ion: 59 Resp: 4280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

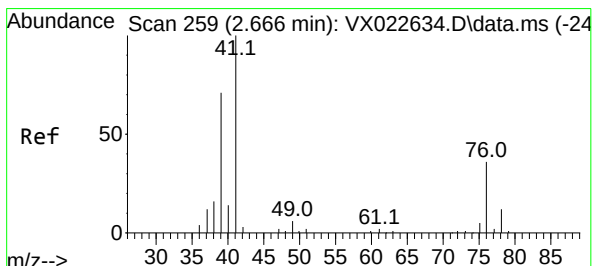
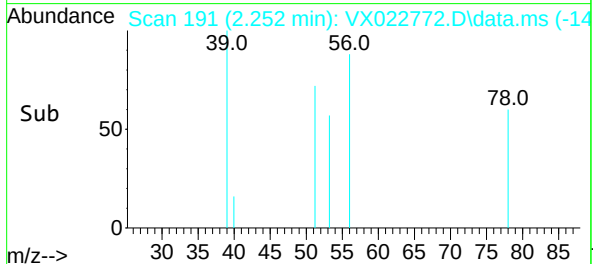
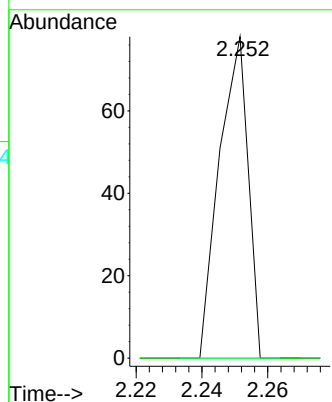
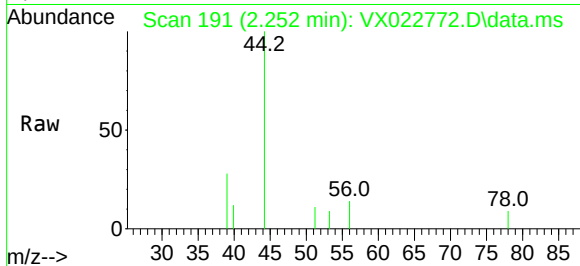




#13
Acrolein
Concen: 0.506 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

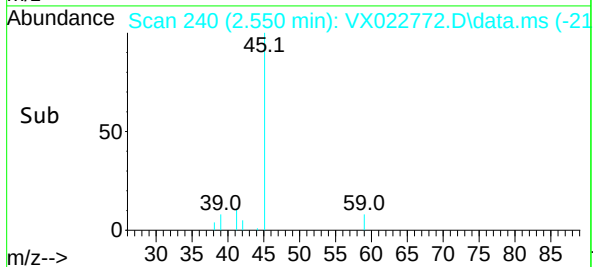
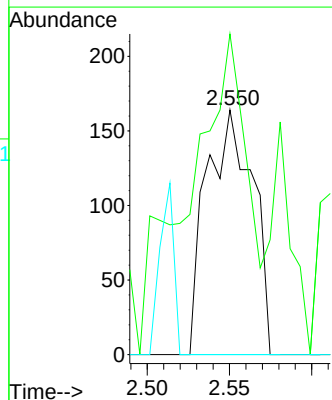
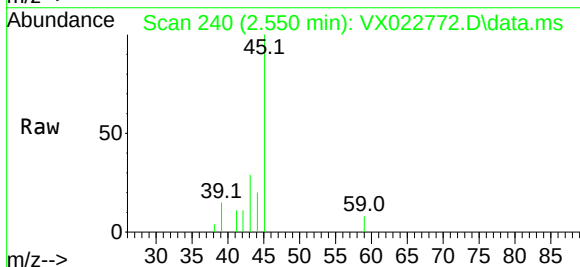
Instrument :
MSVOA_X
ClientSampled :
FB

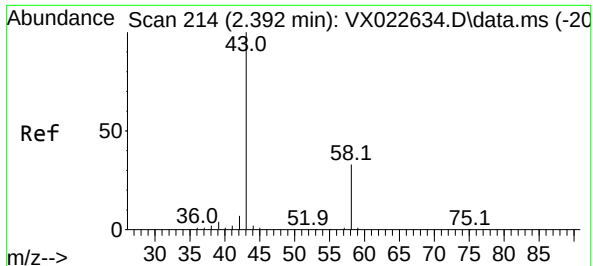
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.258 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

Tgt Ion: 41 Resp: 322
Ion Ratio Lower Upper
41 100
39 135.7 51.6 77.4#
76 0.0 30.5 45.7#

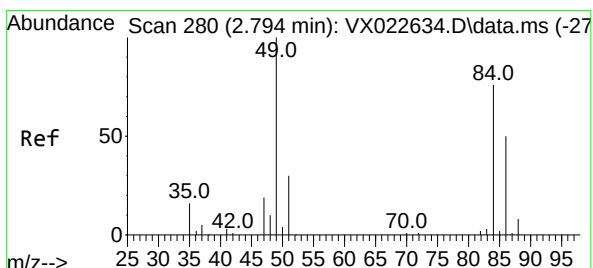
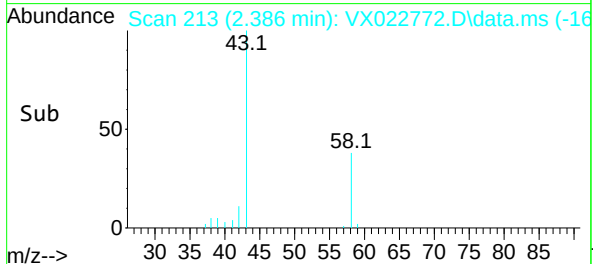
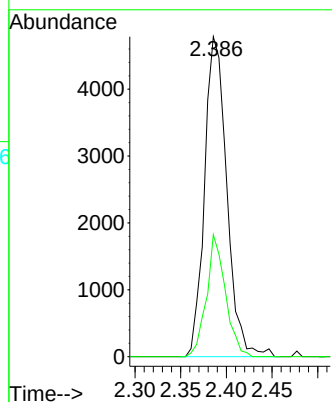
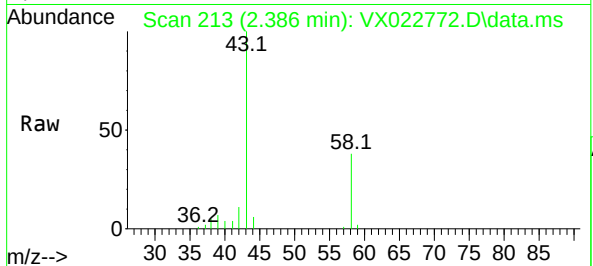




#16
Acetone
Concen: 18.912 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

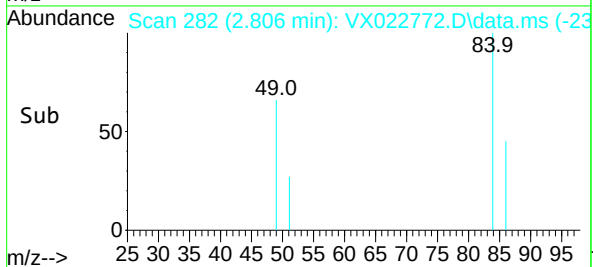
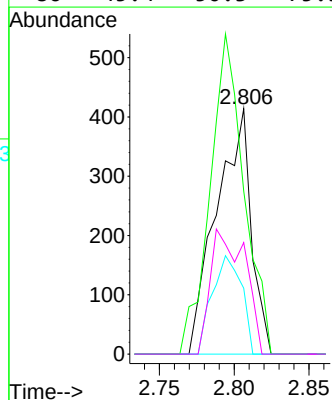
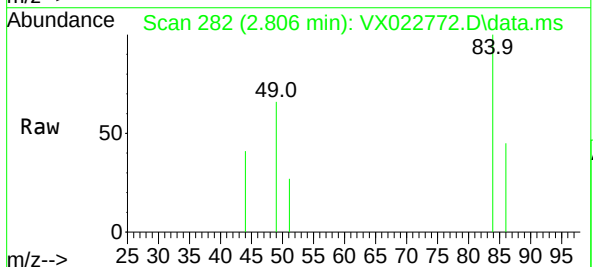
Instrument :
MSVOA_X
ClientSampled :
FB

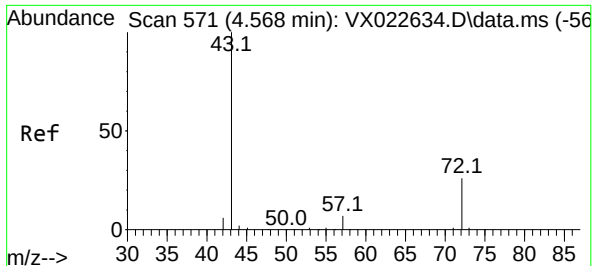
Tgt Ion: 43 Resp: 8109
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.531 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

Tgt Ion: 84 Resp: 667
Ion Ratio Lower Upper
84 100
49 66.4 88.6 132.8#
51 26.8 27.0 40.6#
86 45.4 50.3 75.5#

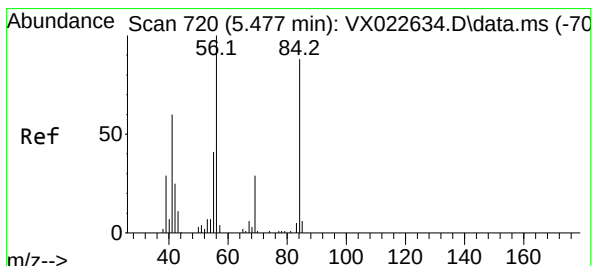
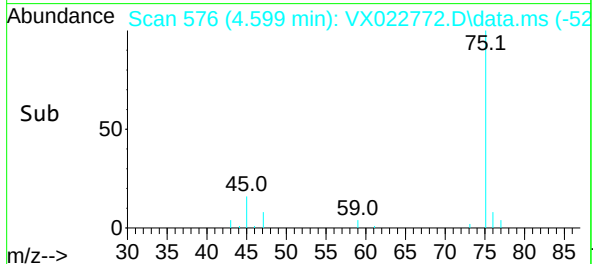
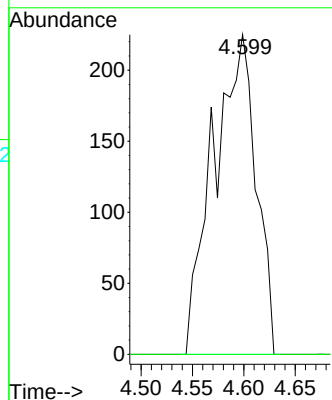
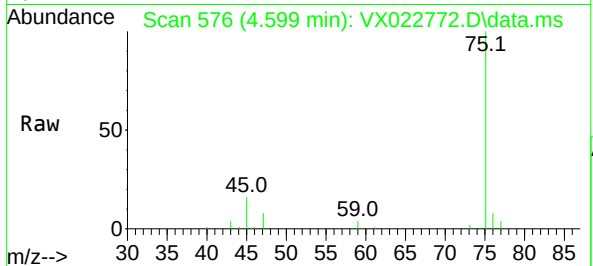




#25
2-Butanone
Concen: 0.935 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

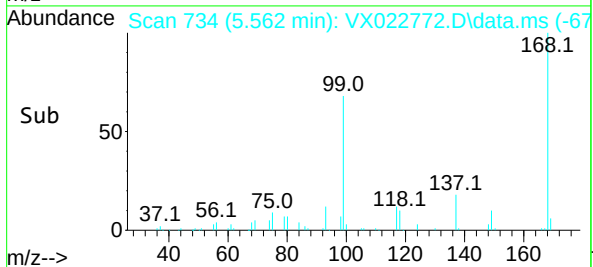
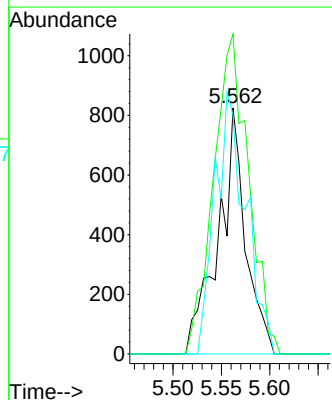
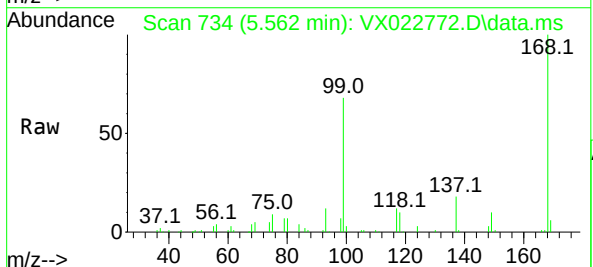
Instrument :
MSVOA_X
ClientSampled :
FB

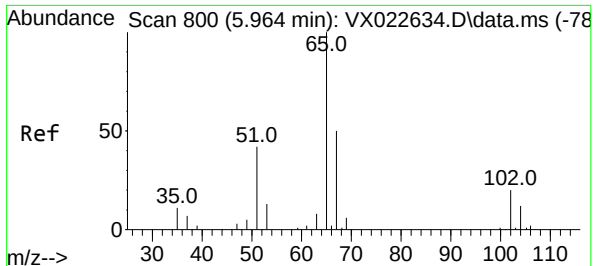
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.397 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

Tgt Ion: 56 Resp: 1614
Ion Ratio Lower Upper
56 100
69 130.1 25.3 37.9#
84 97.2 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 54.228 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022772.D

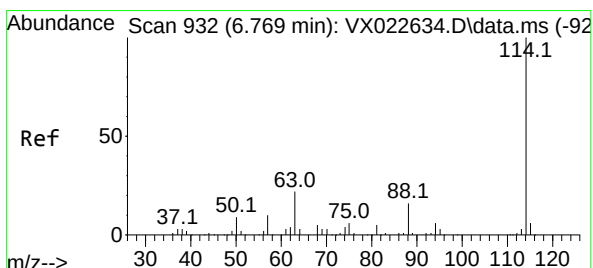
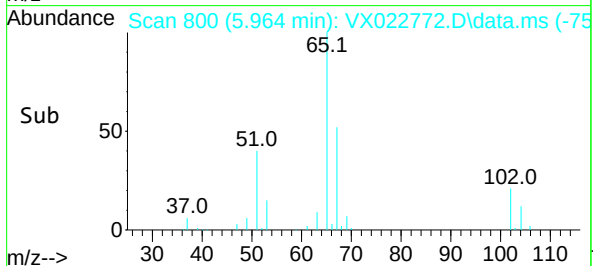
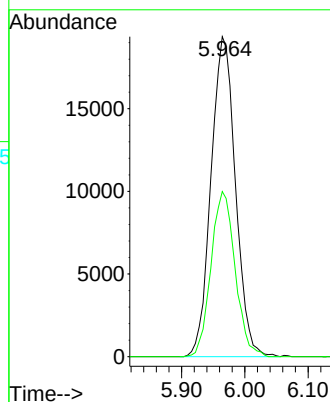
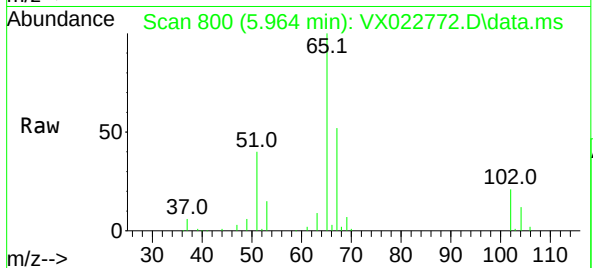
Acq: 18 Jun 2021 17:22

Tgt Ion: 65 Resp: 51927

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022772.D

Acq: 18 Jun 2021 17:22

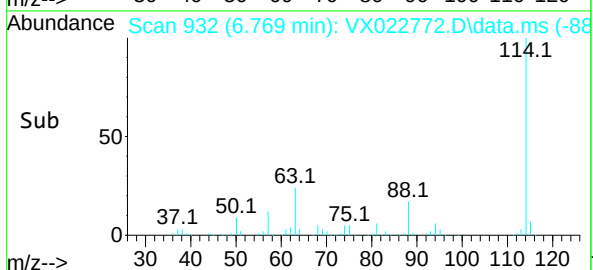
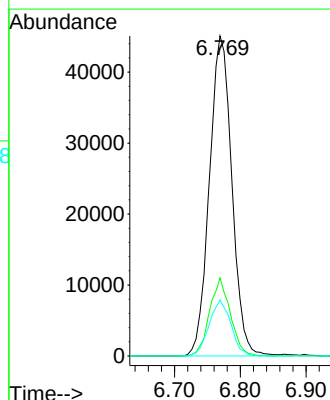
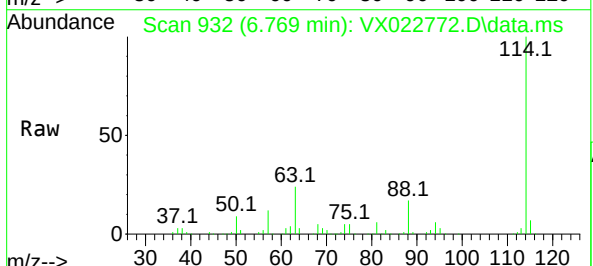
Tgt Ion: 114 Resp: 107318

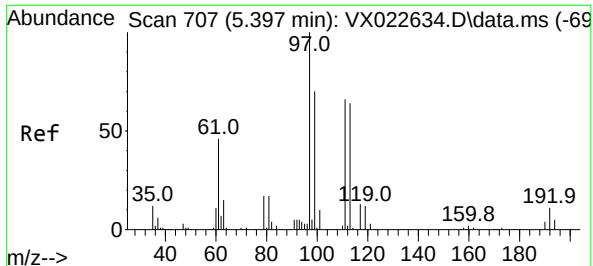
Ion Ratio Lower Upper

114 100

63 24.4 0.0 40.8

88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.828 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022772.D

Acq: 18 Jun 2021 17:22

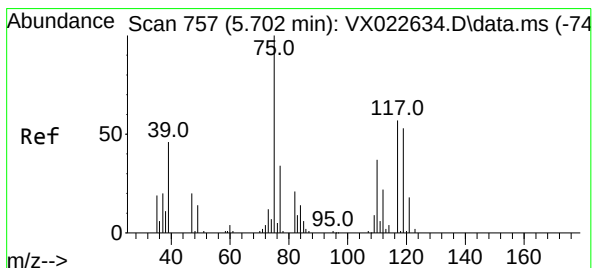
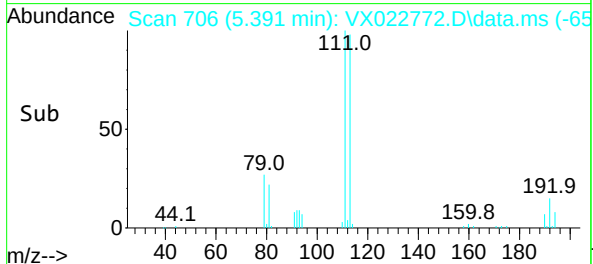
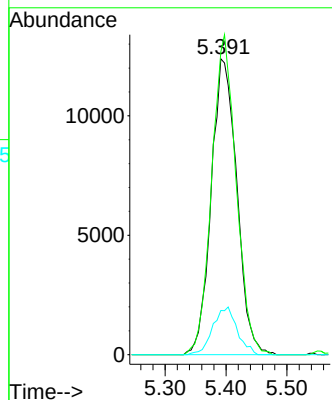
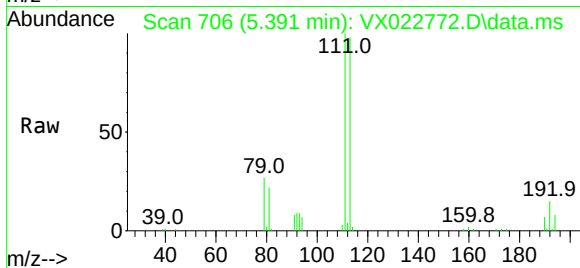
Tgt Ion:113 Resp: 36172

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 15.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.348 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022772.D

Acq: 18 Jun 2021 17:22

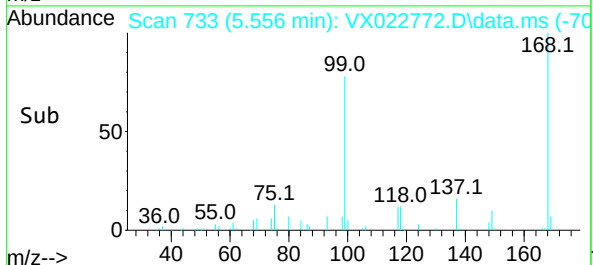
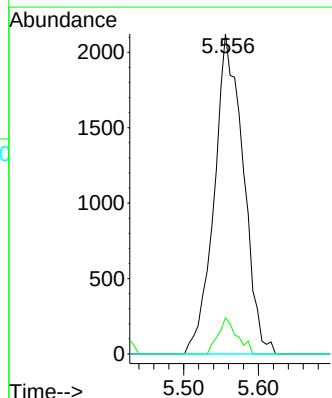
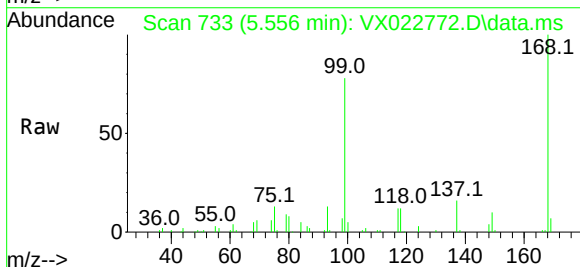
Tgt Ion: 75 Resp: 5719

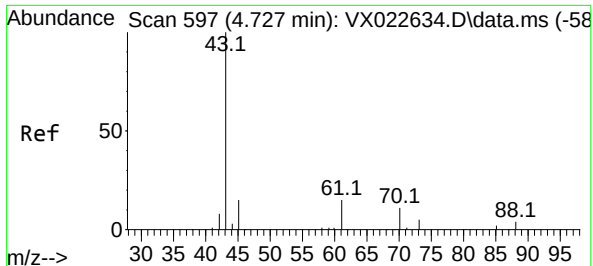
Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.478 ug/l

RT: 4.599 min Scan# 576

Delta R.T. -0.128 min

Lab File: VX022772.D

Acq: 18 Jun 2021 17:22

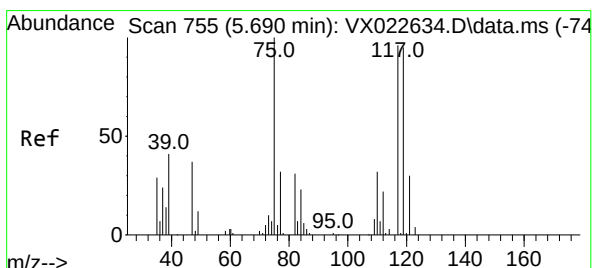
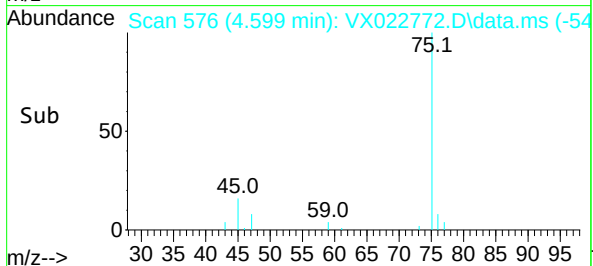
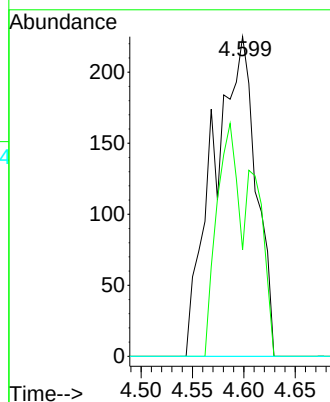
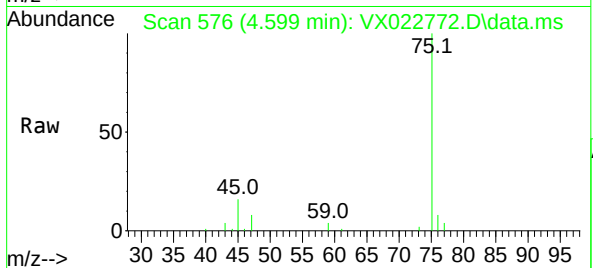
Instrument :

MSVOA_X

ClientSampled :

FB

Tgt Ion: 43	Resp: 650
Ion Ratio	Lower Upper
43 100	
61 23.5	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.965 ug/l

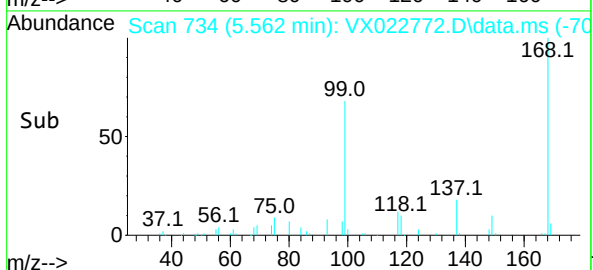
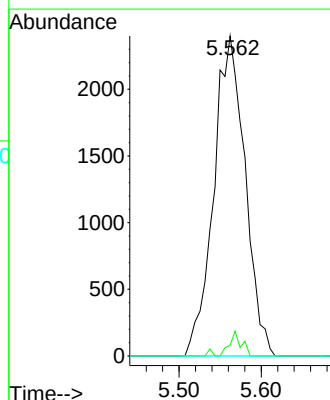
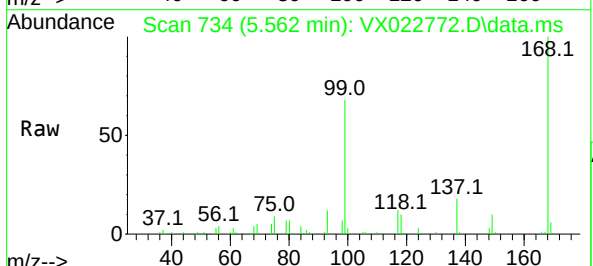
RT: 5.562 min Scan# 734

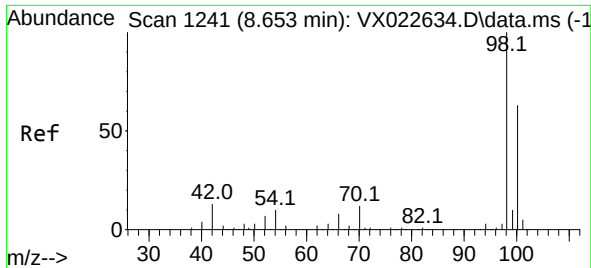
Delta R.T. -0.116 min

Lab File: VX022772.D

Acq: 18 Jun 2021 17:22

Tgt Ion: 117	Resp: 6371
Ion Ratio	Lower Upper
117 100	
119 3.4	76.2 114.2#
121 0.0	24.8 37.2#

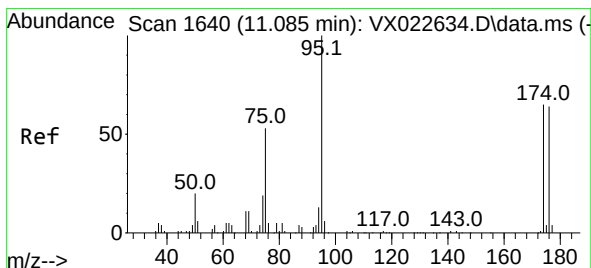
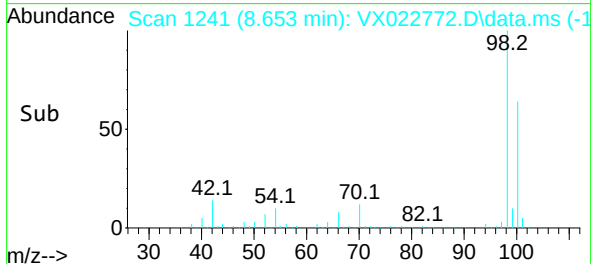
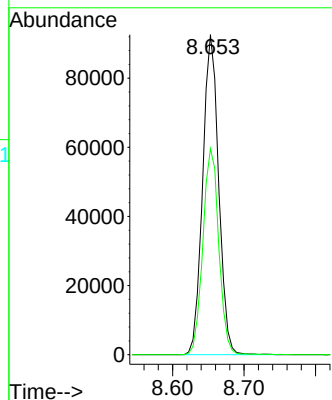
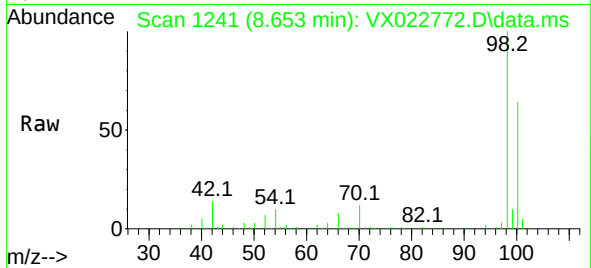




#50
Toluene-d8
Concen: 53.232 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

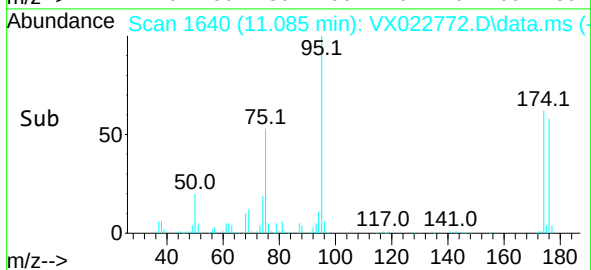
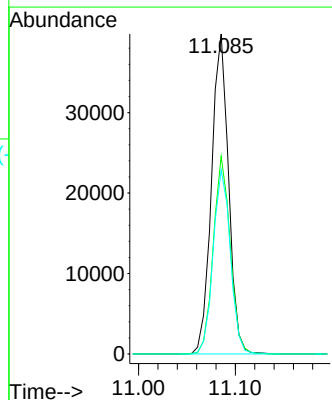
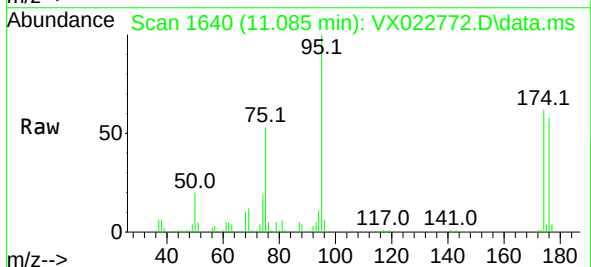
Instrument :
MSVOA_X
ClientSampled :
FB

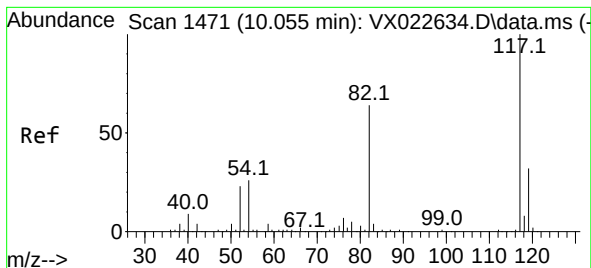
Tgt Ion: 98 Resp: 143683
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.735 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

Tgt Ion: 95 Resp: 48729
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 58.1 0.0 155.8

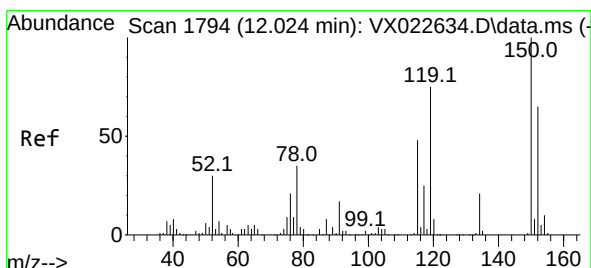
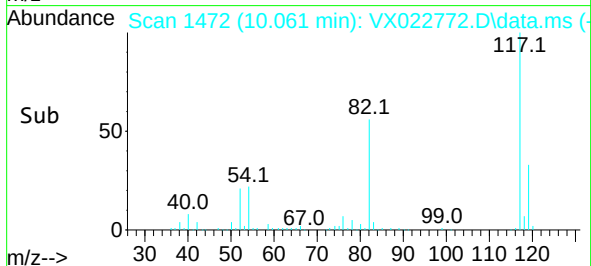
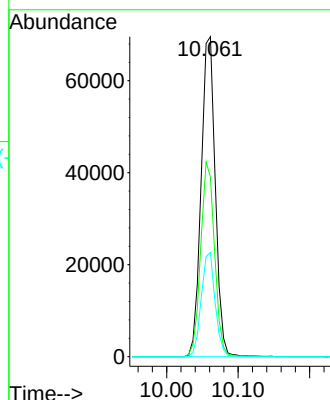
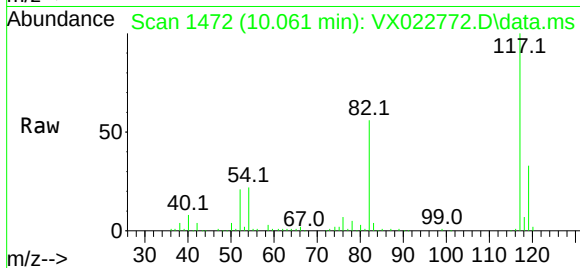




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

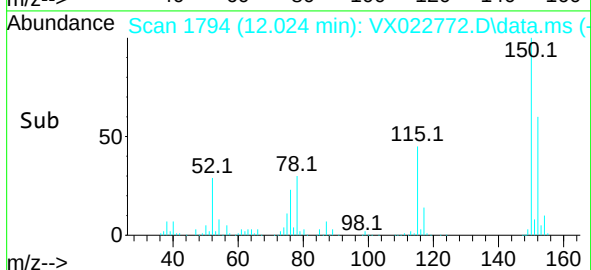
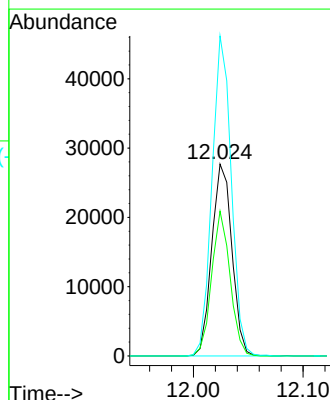
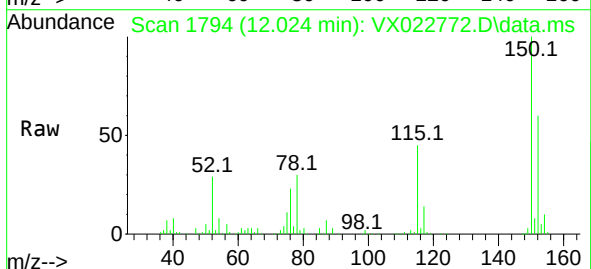
Instrument :
MSVOA_X
ClientSampleId :
FB

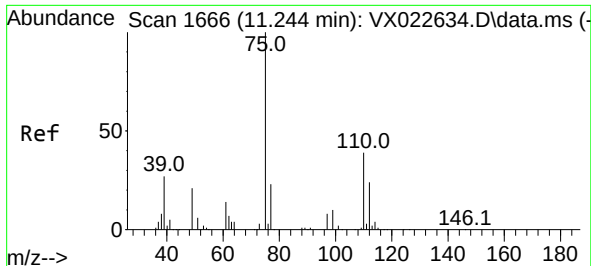
Tgt Ion:117 Resp: 95754
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

Tgt Ion:152 Resp: 35437
Ion Ratio Lower Upper
152 100
115 69.0 41.1 123.3
150 159.1 0.0 349.0

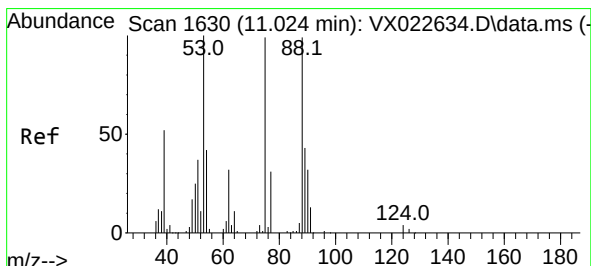
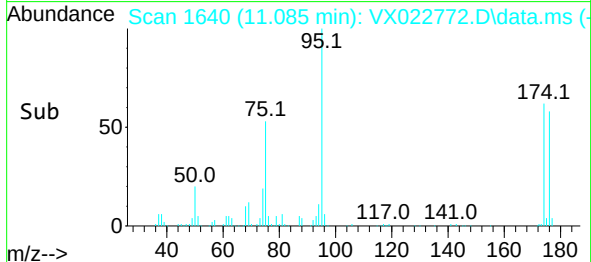
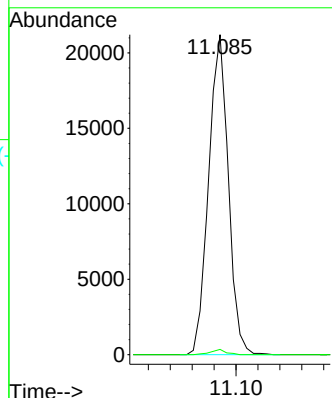
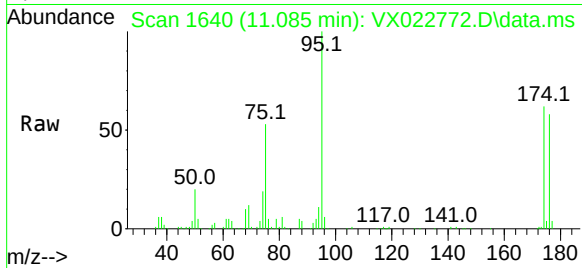




#76
1,2,3-Trichloropropane
Concen: 28.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

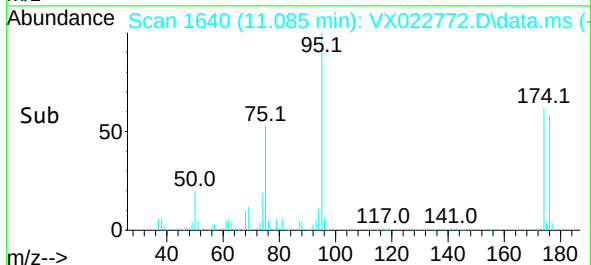
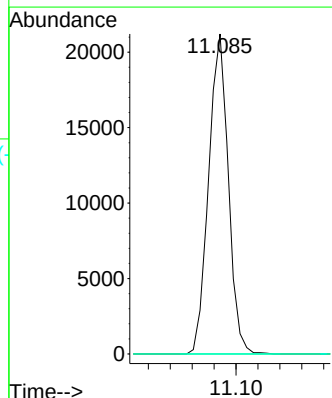
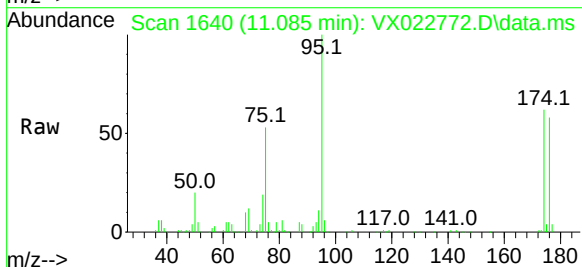
Instrument :
MSVOA_X
ClientSampled :
FB

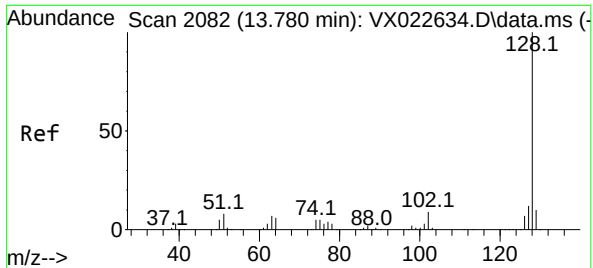
Tgt Ion: 75 Resp: 26414
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.038 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

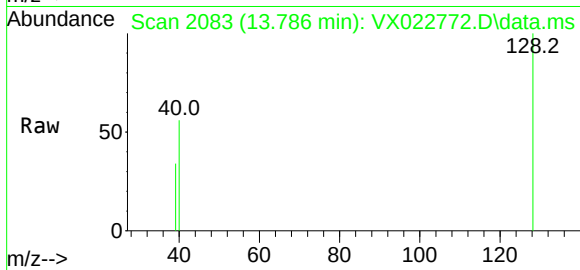
Tgt Ion: 75 Resp: 26414
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.513 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022772.D
Acq: 18 Jun 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :
FB



Tgt Ion:128 Resp: 120
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

