

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023062.D
 Acq On : 01 Jul 2021 03:29
 Operator : JC/MD
 Sample : M2845-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 07:04:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

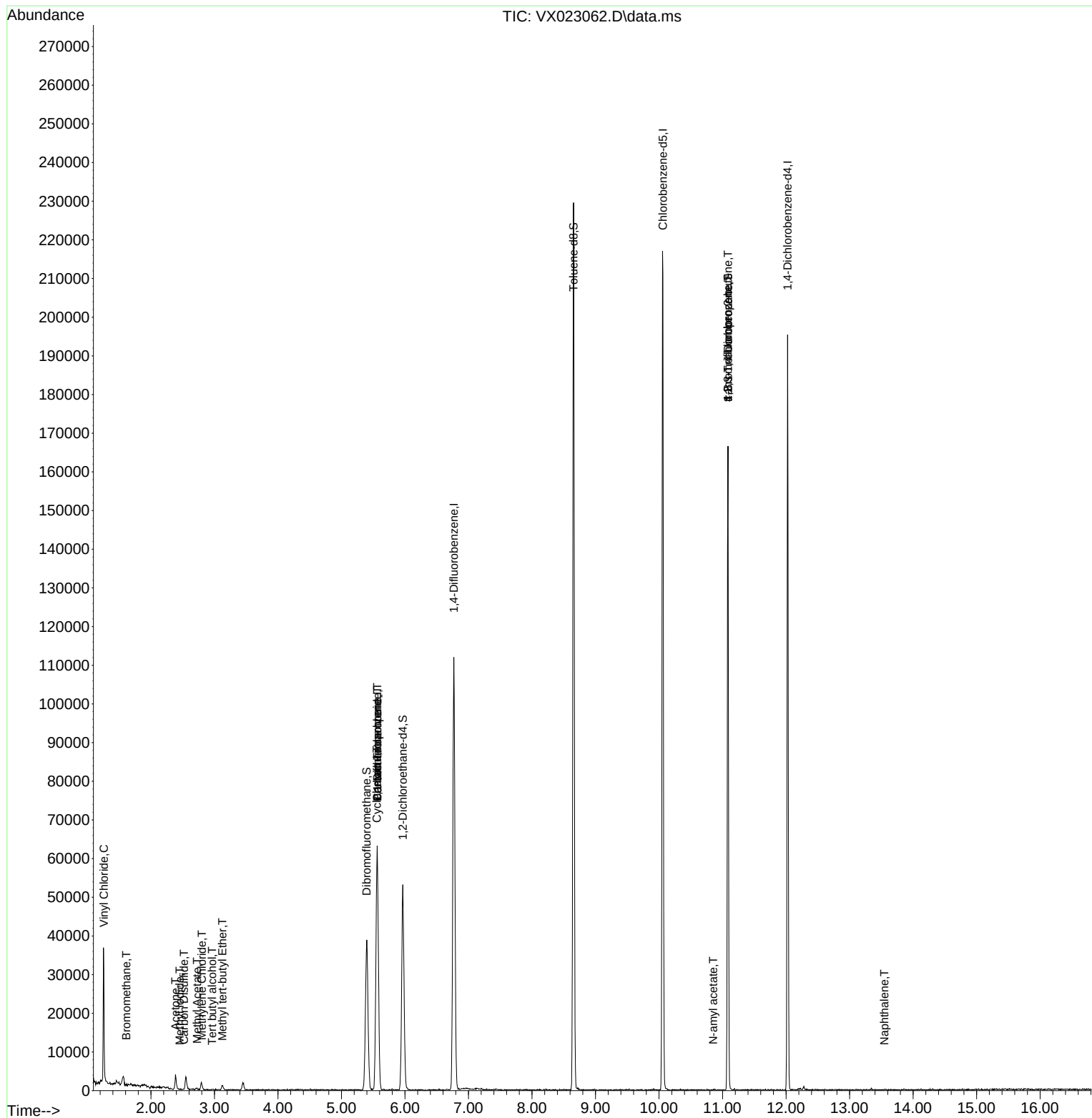
Internal Standards						
1) Pentafluorobenzene	5.562	168	48793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	102729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	92156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47767	53.944	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.880%		
35) Dibromofluoromethane	5.397	113	32018	49.081	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.160%		
50) Toluene-d8	8.653	98	124377	48.648	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.300%		
62) 4-Bromofluorobenzene	11.085	95	43447	45.533	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.060%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.258	62	286	0.410	ug/l	# 43
5) Bromomethane	1.611	94	126	0.328	ug/l	90
10) Methyl Iodide	2.453	142	81	3.977	ug/l	# 42
11) Tert butyl alcohol	2.965	59	48	0.260	ug/l	# 73
16) Acetone	2.386	43	3374	8.595	ug/l	94
17) Carbon Disulfide	2.520	76	19	3.526	ug/l	# 75
18) Methyl Acetate	2.727	43	524	0.542	ug/l	# 64
19) Methyl tert-butyl Ether	3.123	73	1190	0.524	ug/l	# 82
20) Methylene Chloride	2.800	84	792	1.382	ug/l	85
31) Cyclohexane	5.556	56	1785	1.428	ug/l	# 30
36) 1,1-Dichloropropene	5.562	75	5199	4.765	ug/l	# 45
38) Carbon Tetrachloride	5.562	117	6055	6.616	ug/l	# 16
74) N-amyl acetate	10.854	43	66	2.095	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	24422	28.270	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	24422	72.925	ug/l	# 12
95) Naphthalene	13.548	128	56	1.943	ug/l	# 1

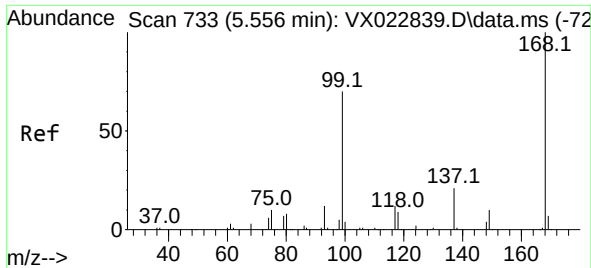
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Jul 01 07:04:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

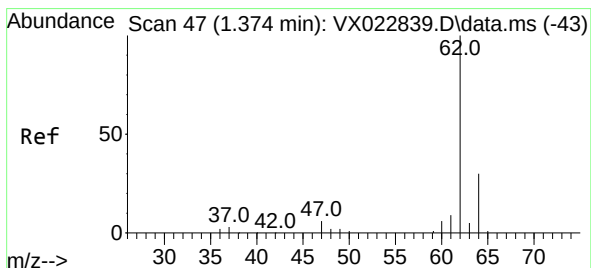
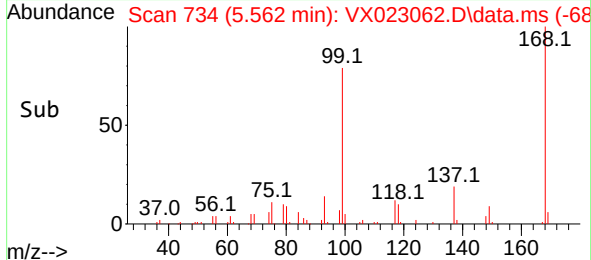
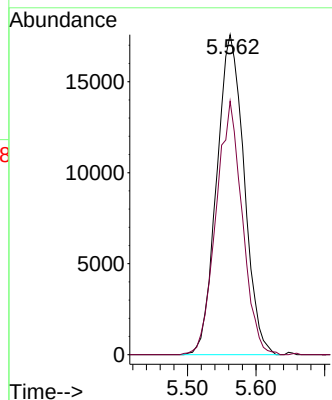
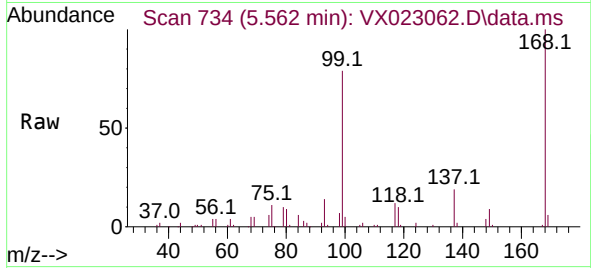




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

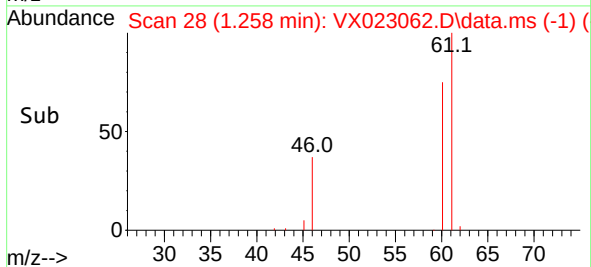
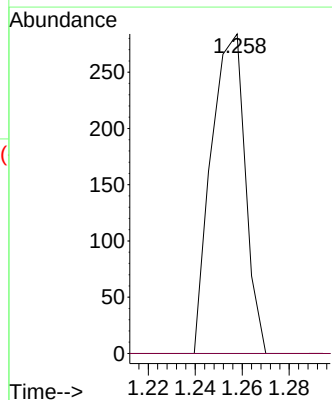
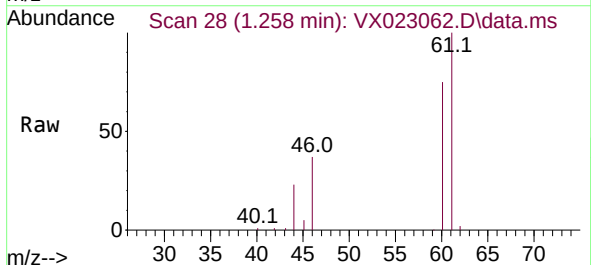
Instrument :
MSVOA_X
ClientSampled :

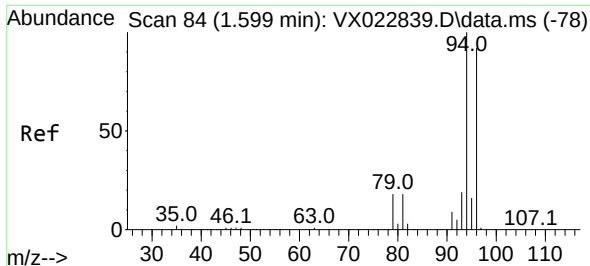
Tgt Ion:168 Resp: 48793
Ion Ratio Lower Upper
168 100
99 79.2 45.8 68.6#



#4
Vinyl Chloride
Concen: 0.410 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.116 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 62 Resp: 286
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

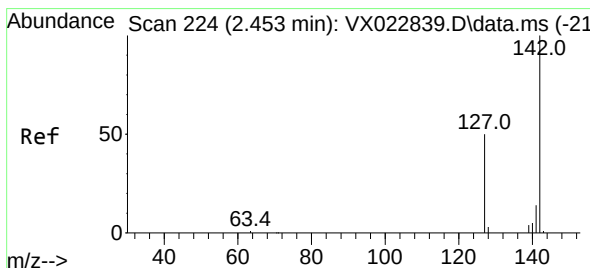
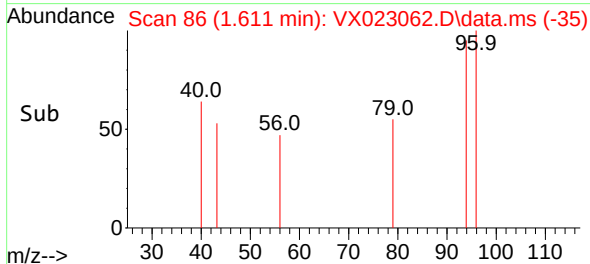
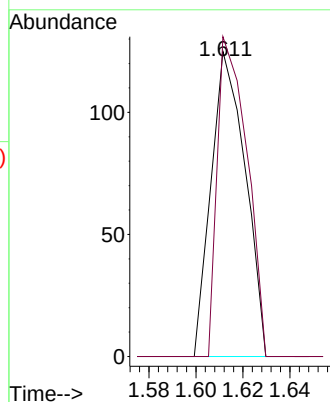
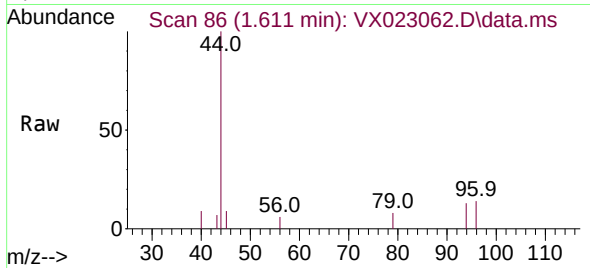




#5
Bromomethane
Concen: 0.328 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

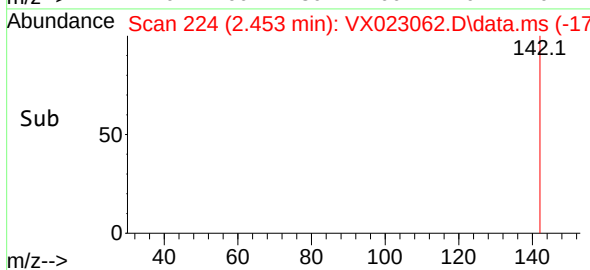
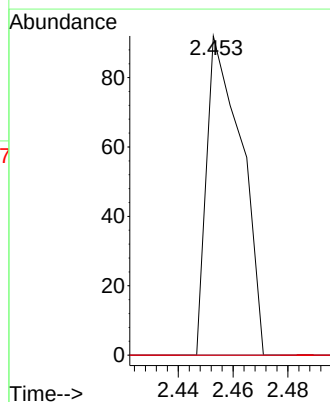
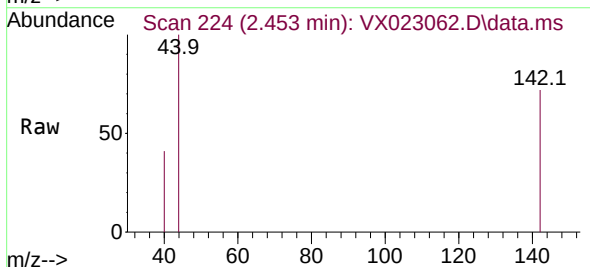
Instrument :
MSVOA_X
ClientSampled :

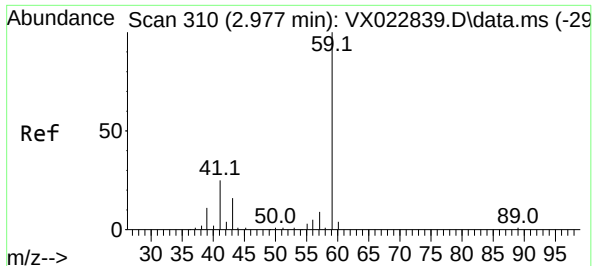
Tgt Ion: 94 Resp: 126
Ion Ratio Lower Upper
94 100
96 104.8 76.4 114.6



#10
Methyl Iodide
Concen: 3.977 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 142 Resp: 81
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



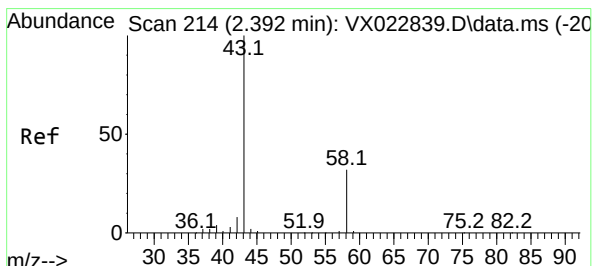
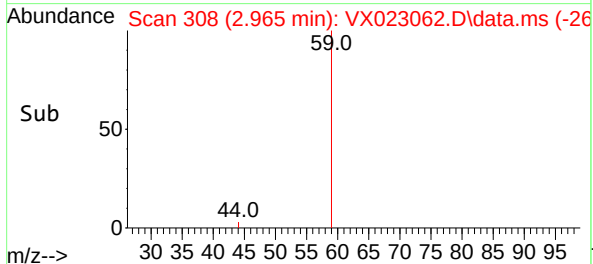
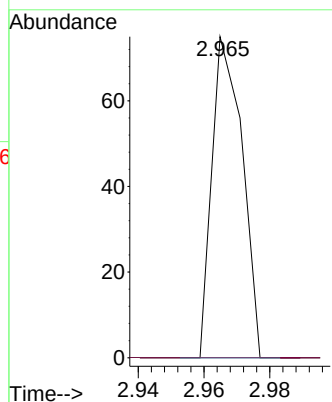
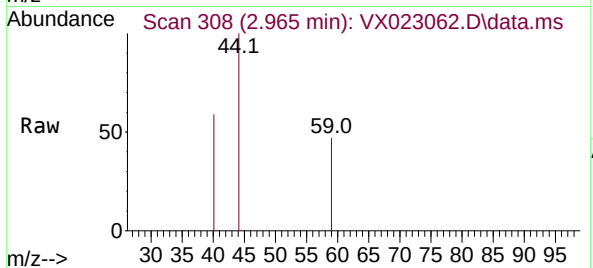


#11

Tert butyl alcohol
Concen: 0.260 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Instrument :
MSVOA_X
ClientSampled :

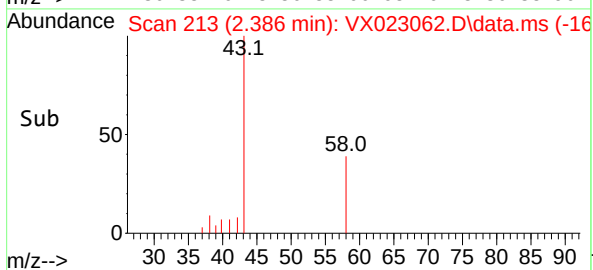
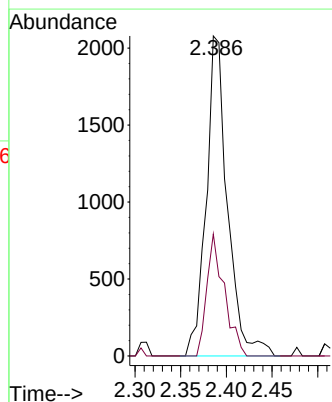
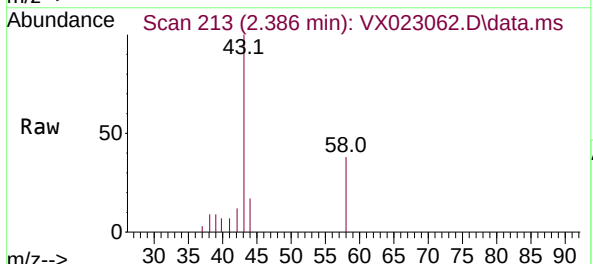
Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

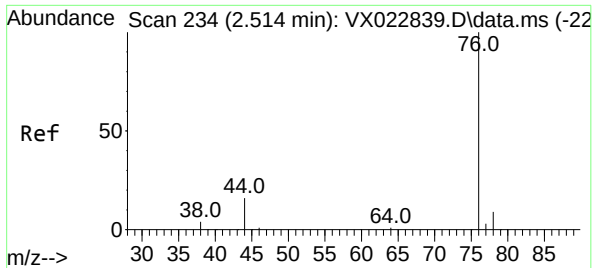


#16

Acetone
Concen: 8.595 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

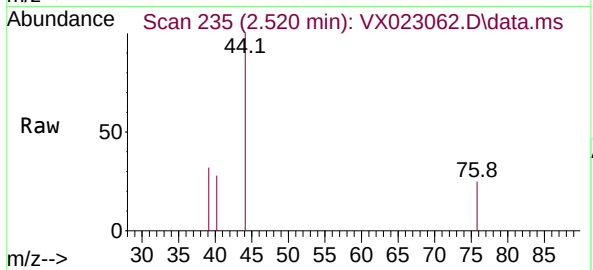
Tgt Ion: 43 Resp: 3374
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8



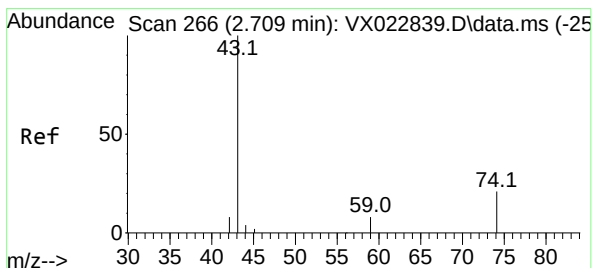
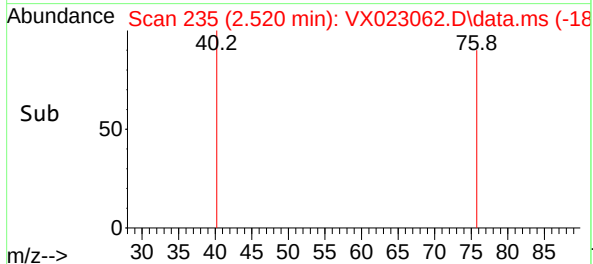
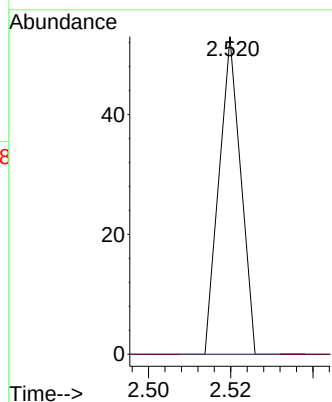


#17
Carbon Disulfide
Concen: 3.526 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Instrument :
MSVOA_X
ClientSampled :

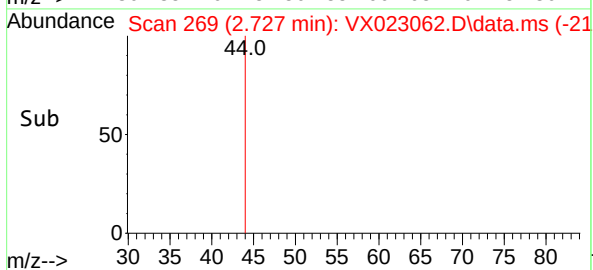
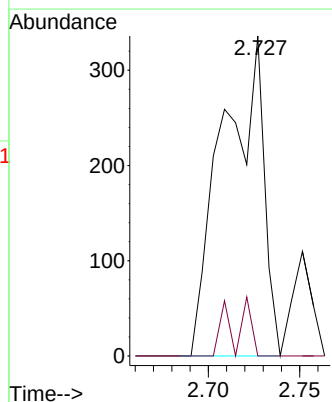
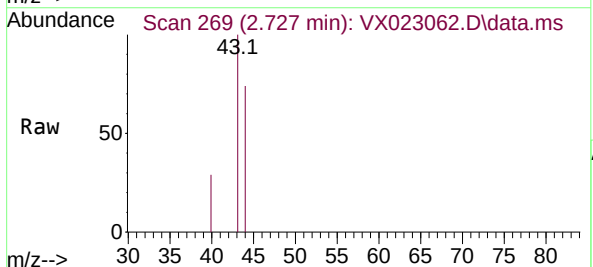


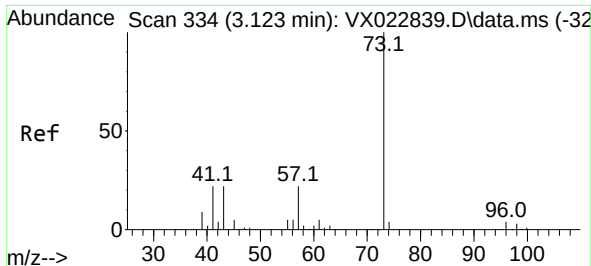
Tgt Ion: 76 Resp: 19
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.542 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
74 8.4 21.9 32.9#

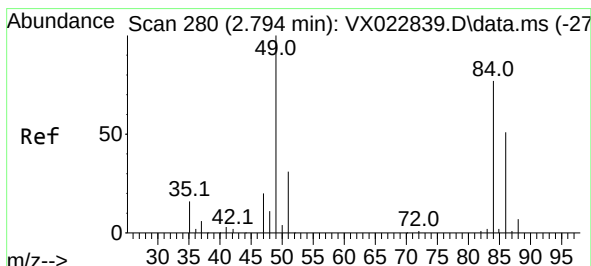
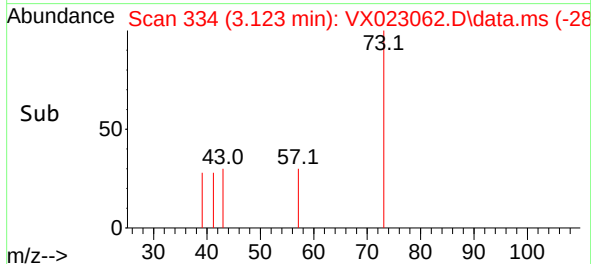
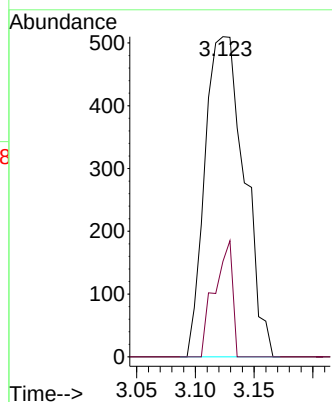
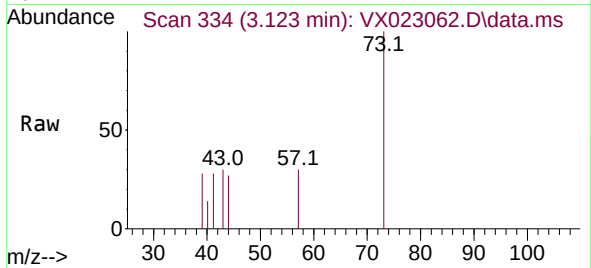




#19
Methyl tert-butyl Ether
Concen: 0.524 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

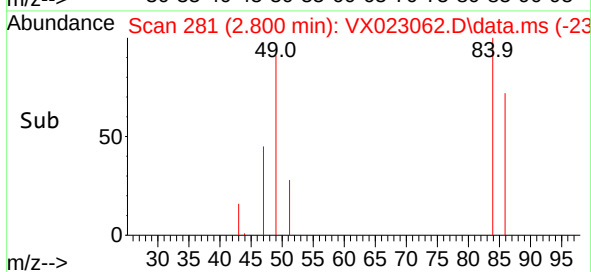
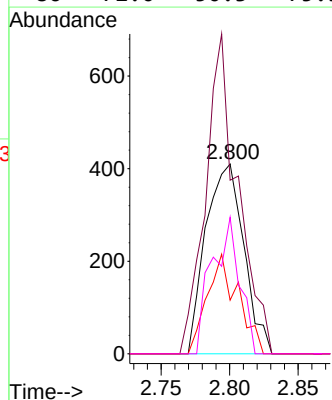
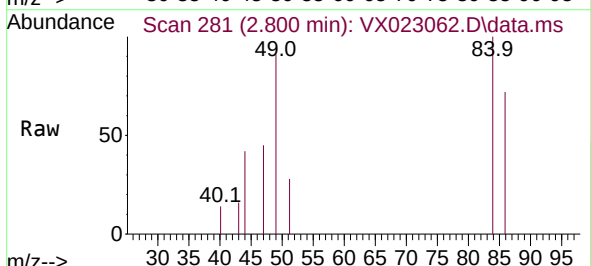
Instrument :
MSVOA_X
ClientSampled :

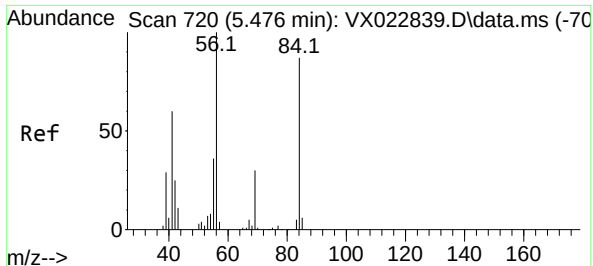
Tgt Ion: 73 Resp: 1190
Ion Ratio Lower Upper
73 100
57 29.8 17.1 25.7#



#20
Methylene Chloride
Concen: 1.382 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 84 Resp: 792
Ion Ratio Lower Upper
84 100
49 91.5 88.6 132.8
51 28.3 27.0 40.6
86 72.0 50.3 75.5

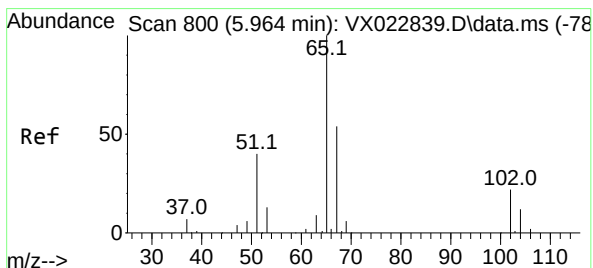
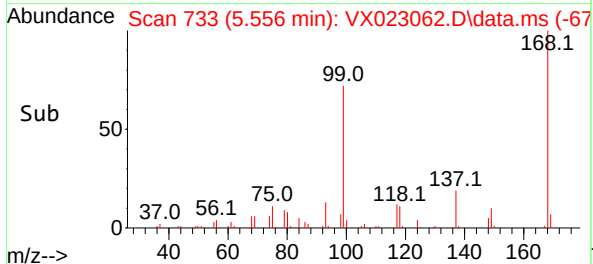
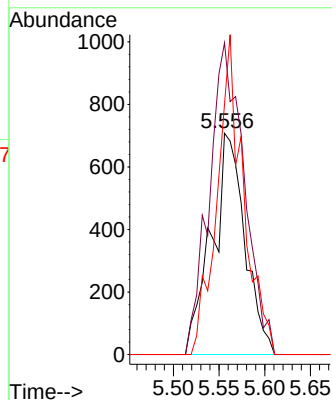
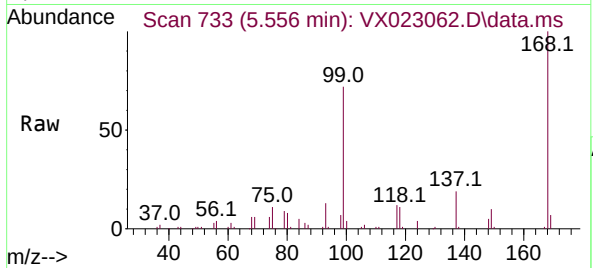




#31
Cyclohexane
Concen: 1.428 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

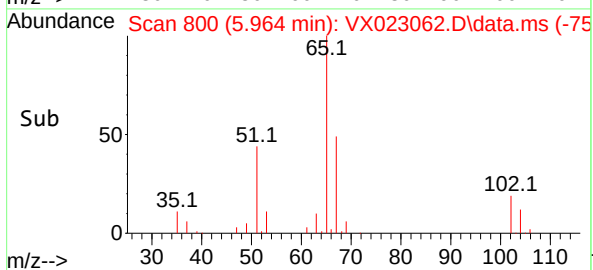
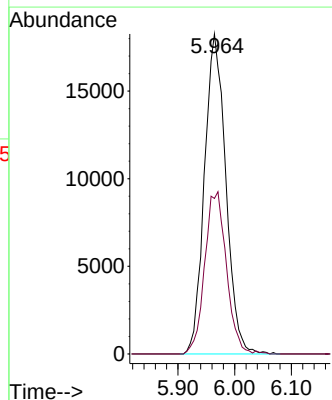
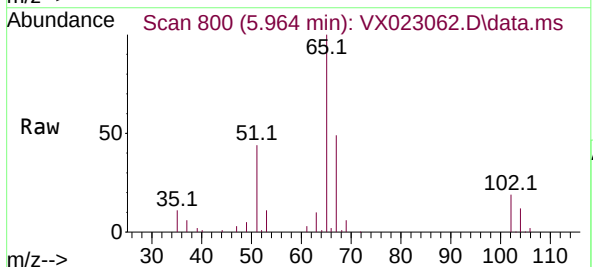
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ClientSampleId :

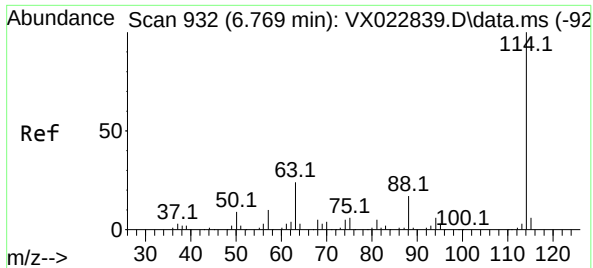
Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
69 140.8 25.3 37.9#
84 113.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.944 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 65 Resp: 47767
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

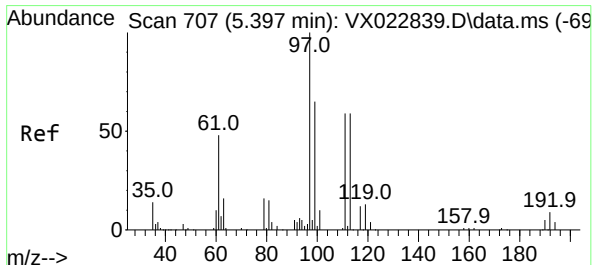
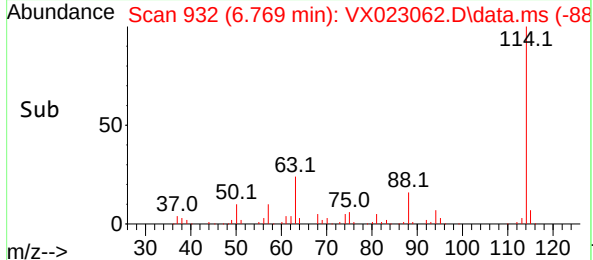
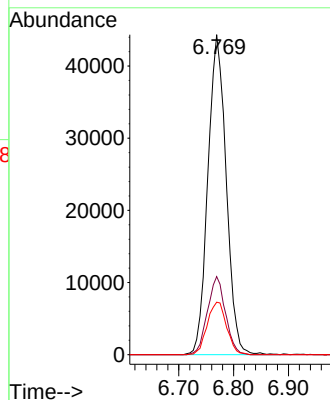
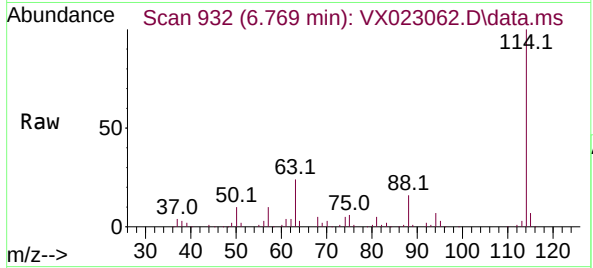




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

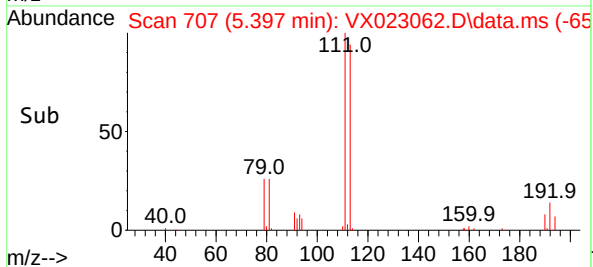
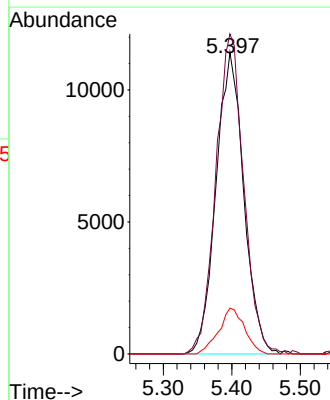
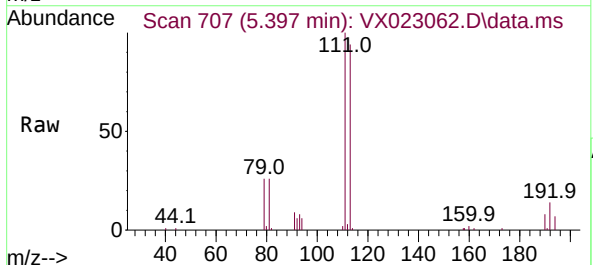
Instrument :
MSVOA_X
ClientSampled :

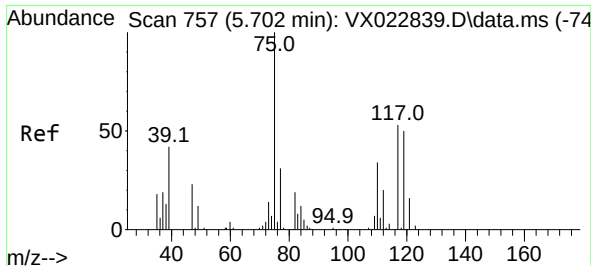
Tgt Ion:114 Resp: 102729
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.081 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion:113 Resp: 32018
Ion Ratio Lower Upper
113 100
111 106.5 81.9 122.9
192 14.2 16.7 25.1#

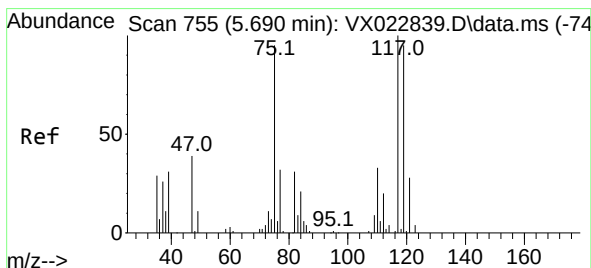
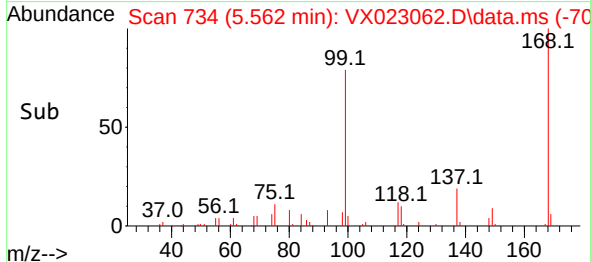
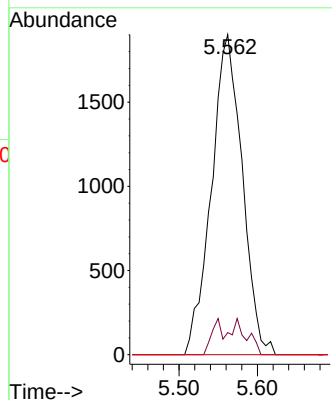
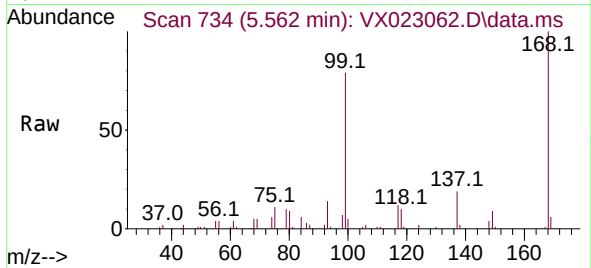




#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

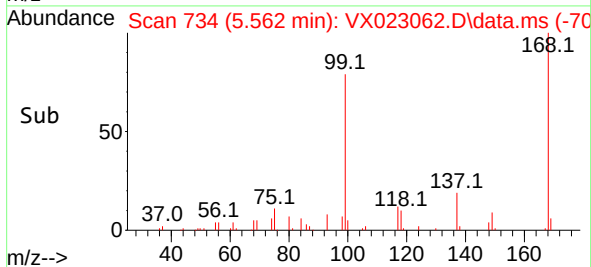
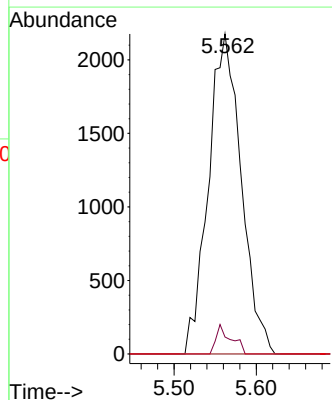
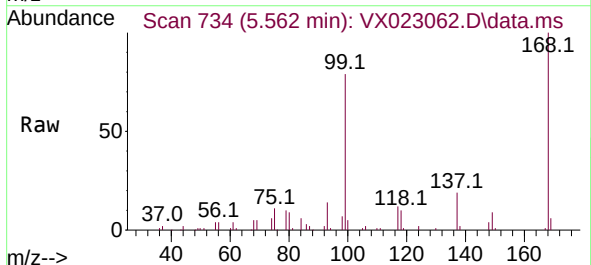
Instrument :
MSVOA_X
ClientSampled :

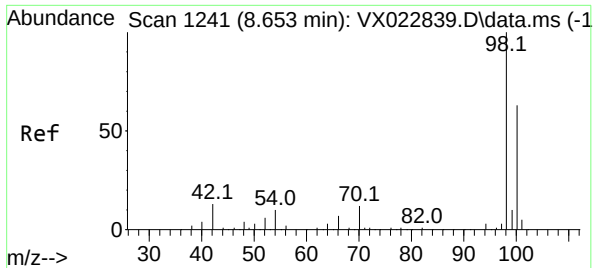
Tgt Ion: 75 Resp: 5199
Ion Ratio Lower Upper
75 100
110 4.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.616 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 117 Resp: 6055
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

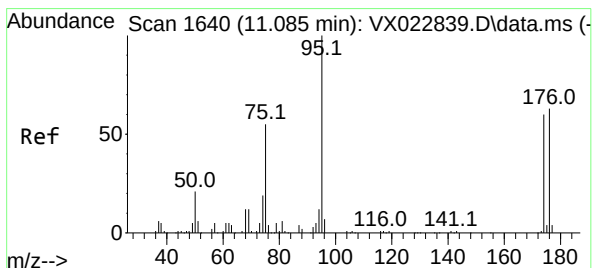
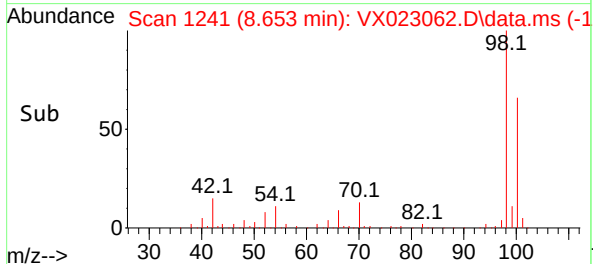
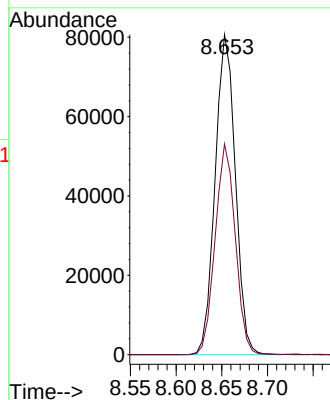
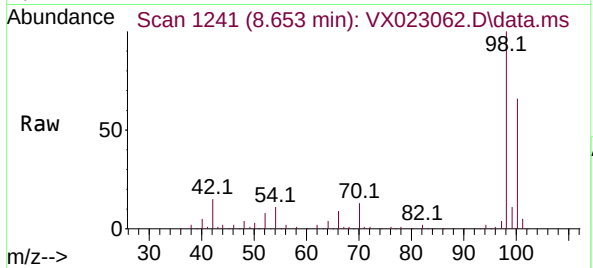




#50
Toluene-d8
Concen: 48.648 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

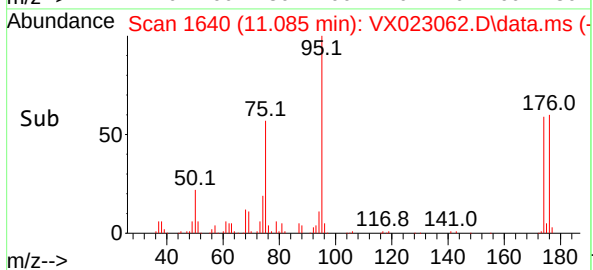
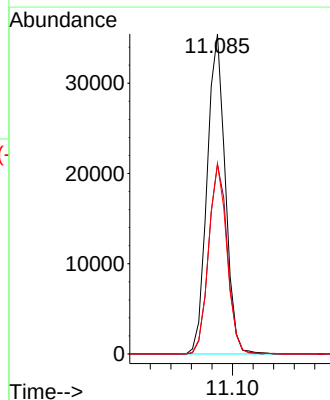
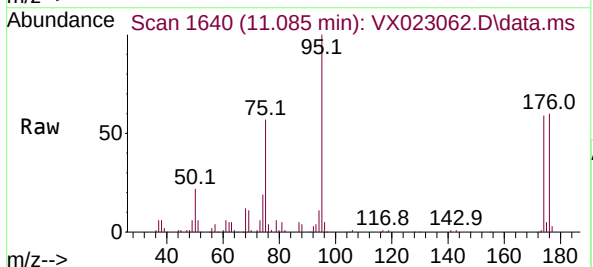
Instrument :
MSVOA_X
ClientSampled :

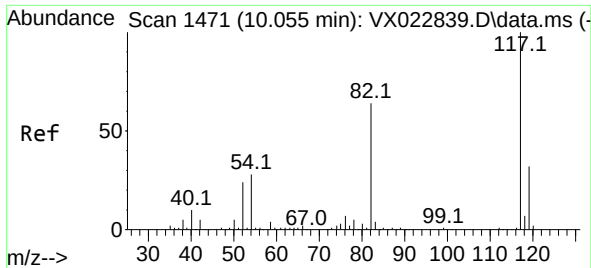
Tgt Ion: 98 Resp: 124377
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.533 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 95 Resp: 43447
Ion Ratio Lower Upper
95 100
174 60.8 0.0 154.6
176 59.9 0.0 155.8

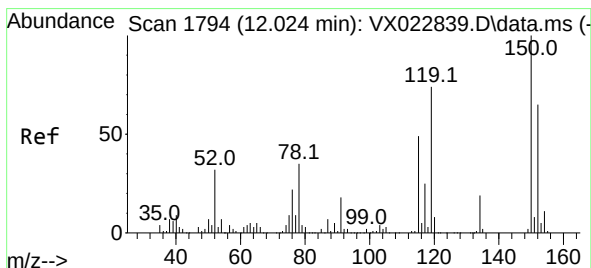
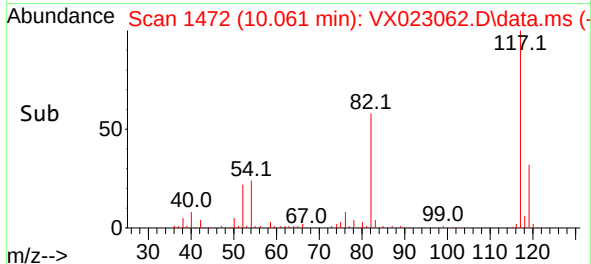
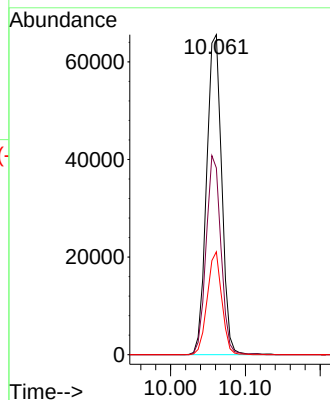
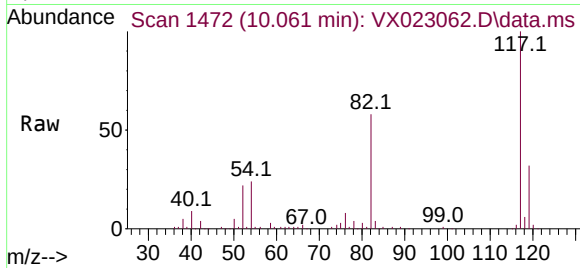




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

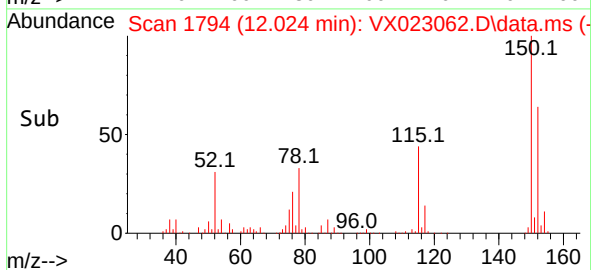
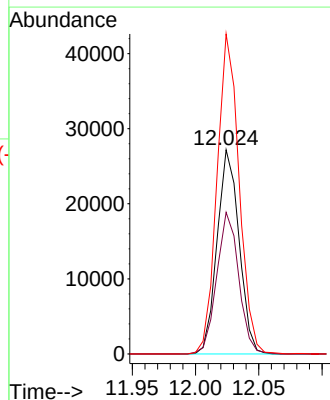
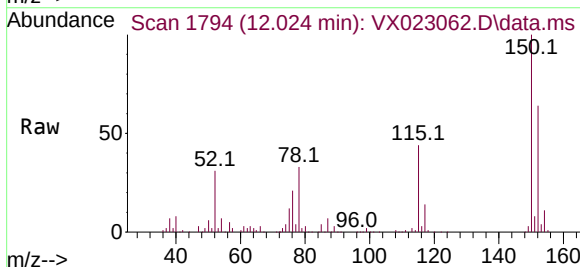
Instrument :
MSVOA_X
ClientSampleId :

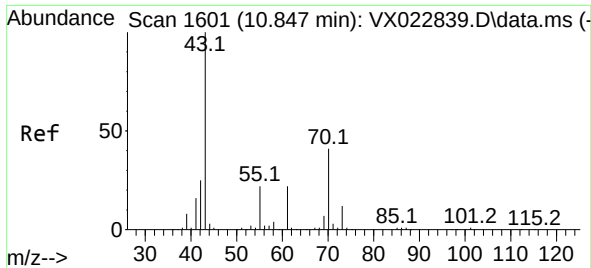
Tgt Ion:117 Resp: 92156
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion:152 Resp: 32706
Ion Ratio Lower Upper
152 100
115 69.7 41.1 123.3
150 157.8 0.0 349.0

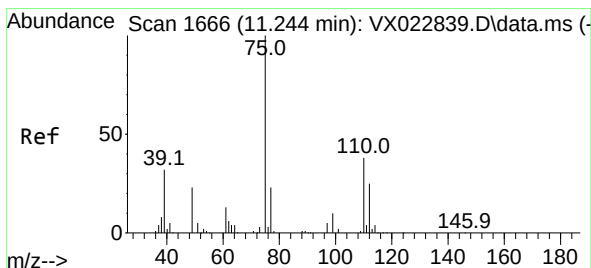
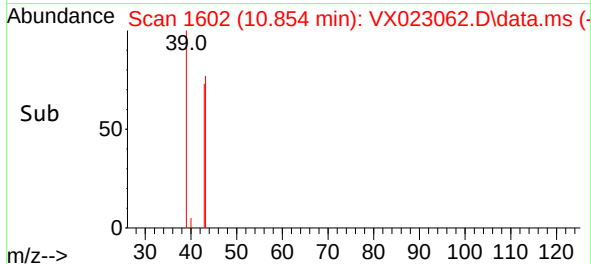
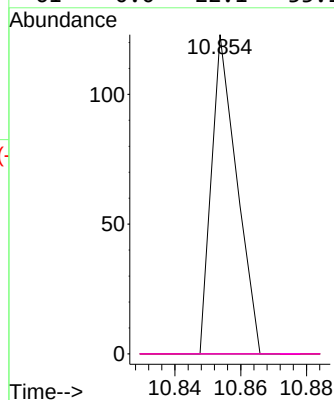
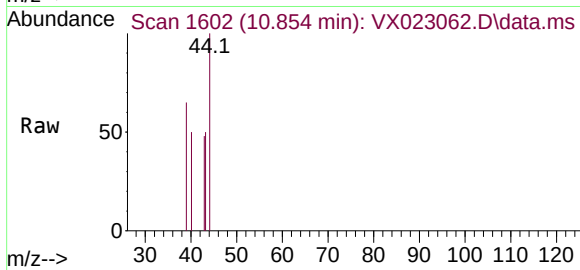




#74
N-amy1 acetate
Concen: 2.095 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.007 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

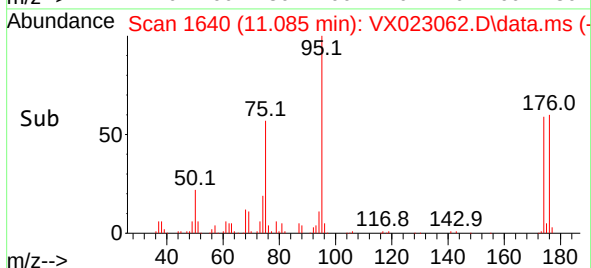
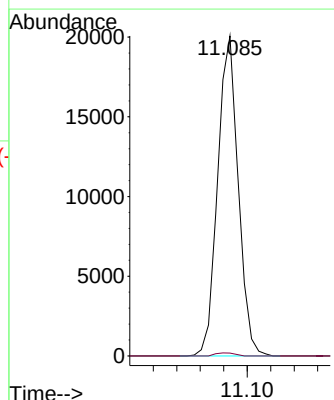
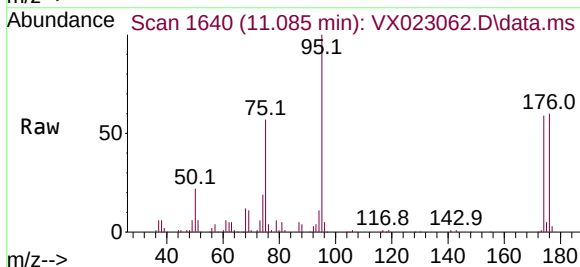
Instrument :
MSVOA_X
ClientSampled :

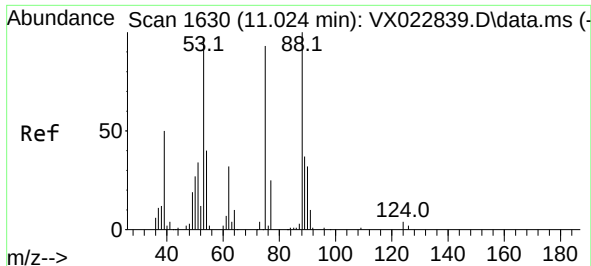
Tgt Ion: 43	Resp: 66
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.270 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion: 75	Resp: 24422
Ion Ratio	Lower Upper
75 100	
77 0.9	19.1 57.5#

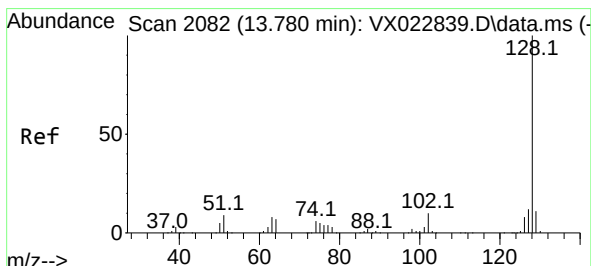
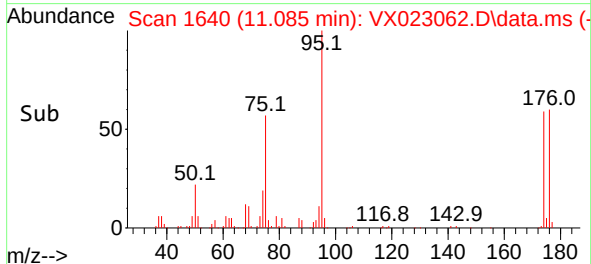
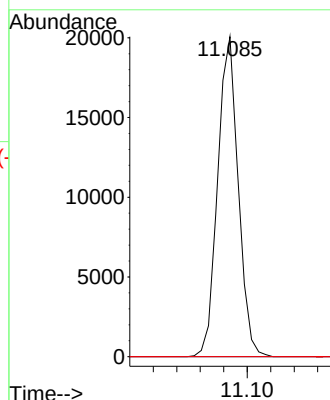
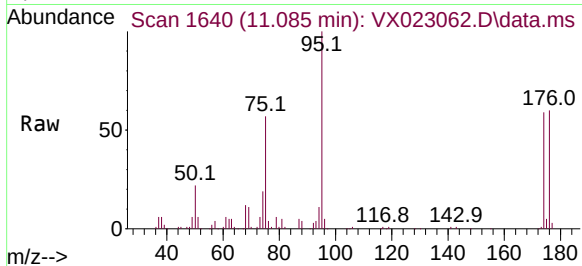




#81
trans-1,4-Dichloro-2-butene
Concen: 72.925 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 24422
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.943 ug/l
RT: 13.548 min Scan# 2044
Delta R.T. -0.232 min
Lab File: VX023062.D
Acq: 01 Jul 2021 03:29

Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 267.9 8.8 13.2#

