

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024534.D
 Acq On : 04 Oct 2021 20:40
 Operator : JC/MD
 Sample : M3989-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Oct 05 03:23:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

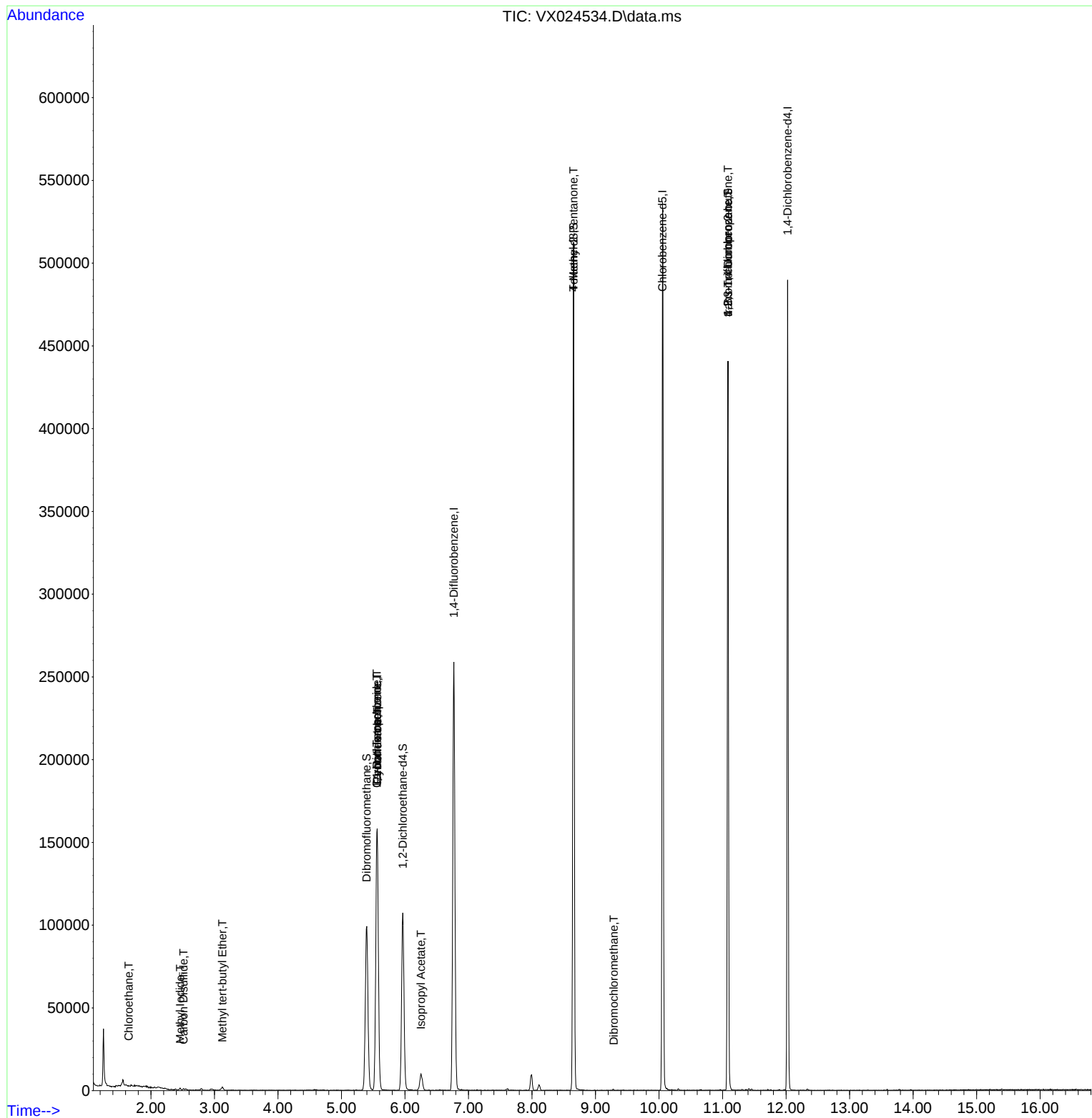
Internal Standards						
1) Pentafluorobenzene	5.562	168	149391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106297	50.486	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.980%			
35) Dibromofluoromethane	5.397	113	88547	50.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.653	98	290321	44.969	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.940%#			
62) 4-Bromofluorobenzene	11.085	95	119072	46.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.820%			
Target Compounds					Qvalue	
6) Chloroethane	1.648	64	198	0.458	ug/l #	43
10) Methyl Iodide	2.459	142	826	0.400	ug/l	94
11) Tert butyl alcohol	2.959	59	780	Below Cal	#	73
16) Acetone	2.386	43	582	Below Cal	#	86
17) Carbon Disulfide	2.514	76	905	0.483	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	2066	0.400	ug/l #	86
20) Methylene Chloride	2.788	84	497	Below Cal	#	62
31) Cyclohexane	5.562	56	3098	1.229	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11141	4.401	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15276	5.544	ug/l #	16
43) Isopropyl Acetate	6.251	43	2331	0.485	ug/l #	57
51) 4-Methyl-2-Pentanone	8.653	43	1402	0.442	ug/l #	1
60) Dibromochloromethane	9.287	129	106	1.234	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59382	27.426	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59382	74.601	ug/l #	12

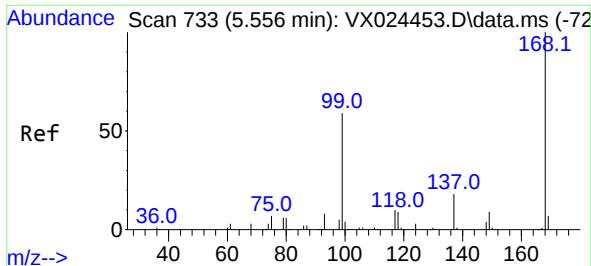
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
Data File : VX024534.D
Acq On : 04 Oct 2021 20:40
Operator : JC/MD
Sample : M3989-02 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Quant Time: Oct 05 03:23:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

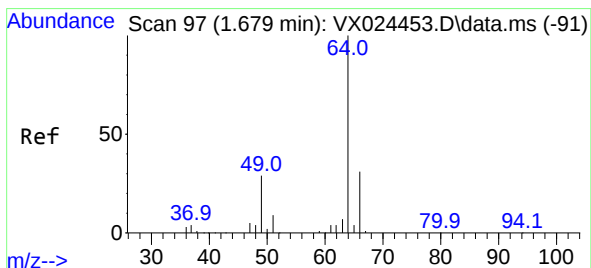
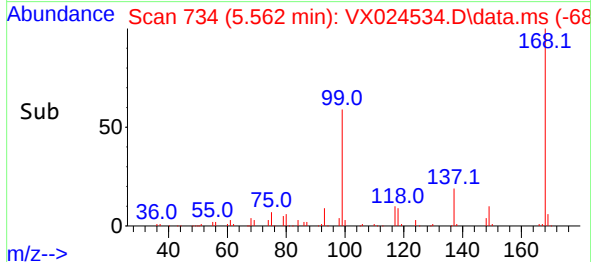
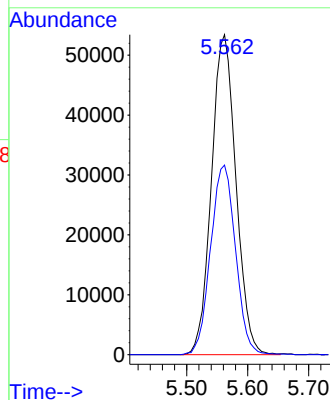
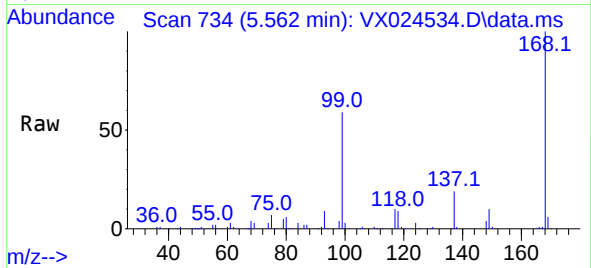




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

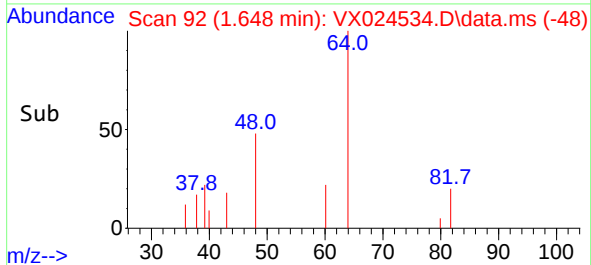
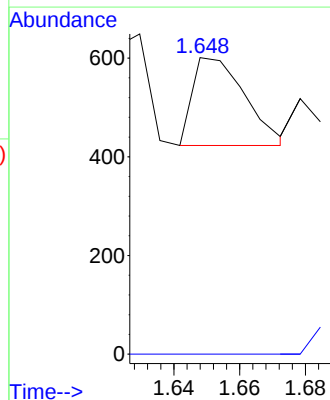
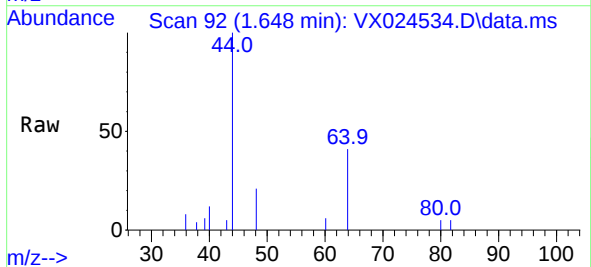
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

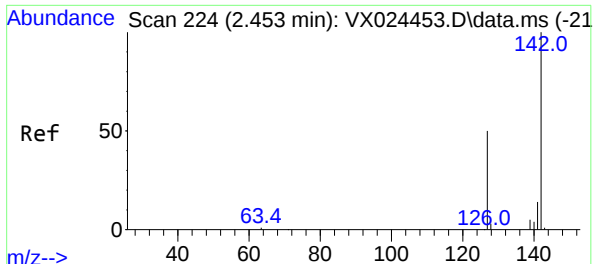
Tgt Ion:168 Resp: 149391
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#6
Chloroethane
Concen: 0.458 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.031 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

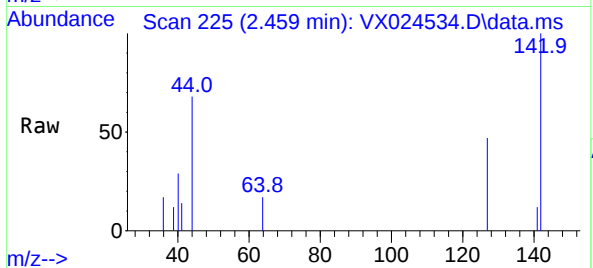
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



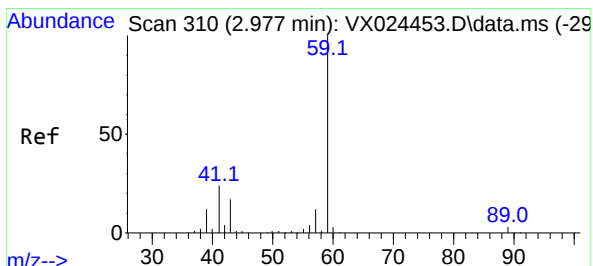
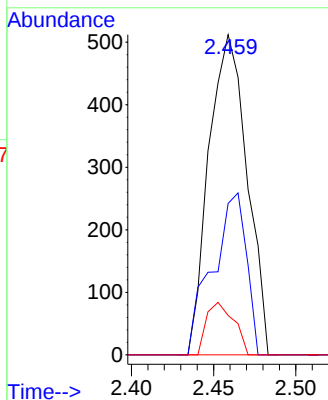
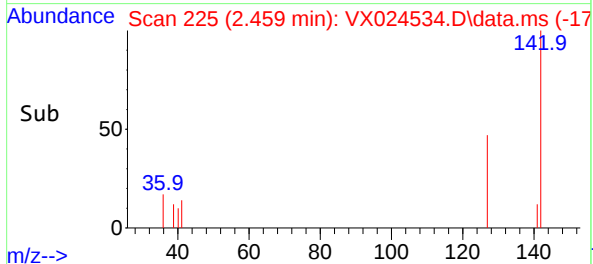


#10
Methyl Iodide
Concen: 0.400 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

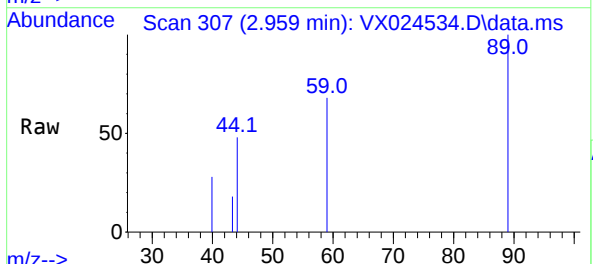
Instrument :
MSVOA_X
ClientSampled :
MW-2R



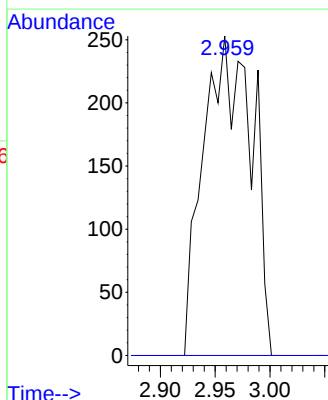
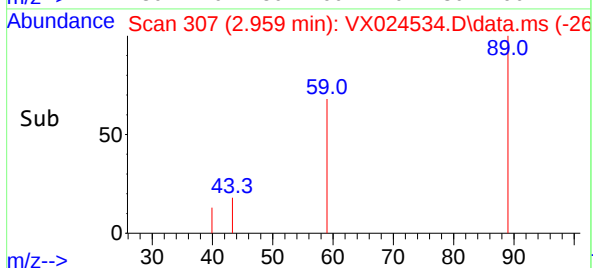
Tgt Ion:142 Resp: 826
Ion Ratio Lower Upper
142 100
127 45.0 33.3 49.9
141 11.7 11.4 17.0

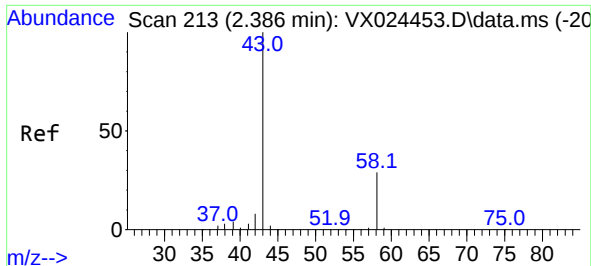


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40



Tgt Ion: 59 Resp: 780
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

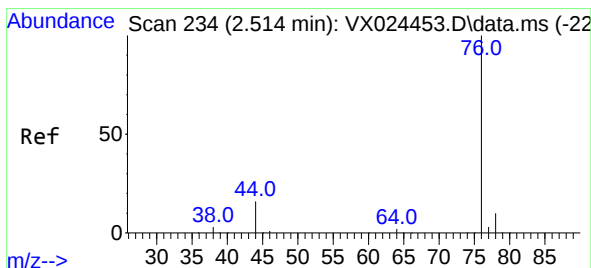
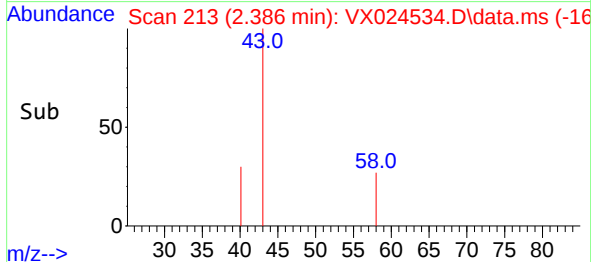
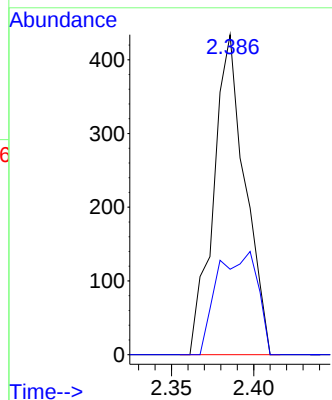
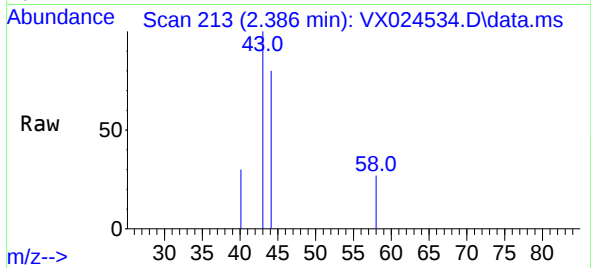




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

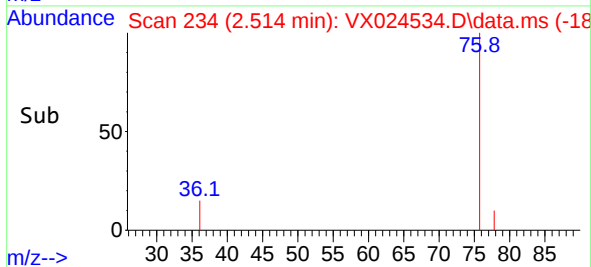
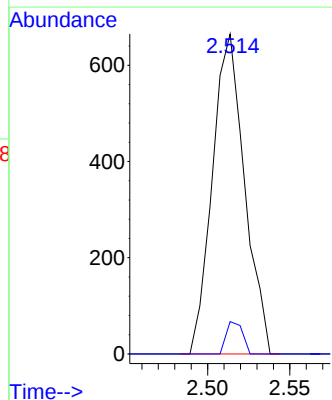
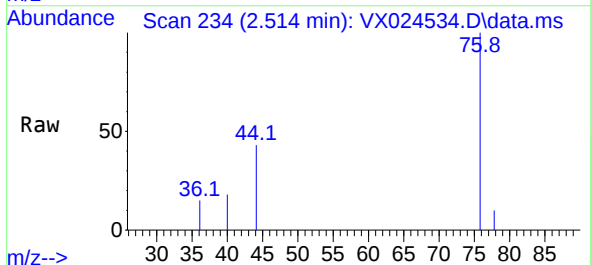
Instrument :
MSVOA_X
ClientSampled :
MW-2R

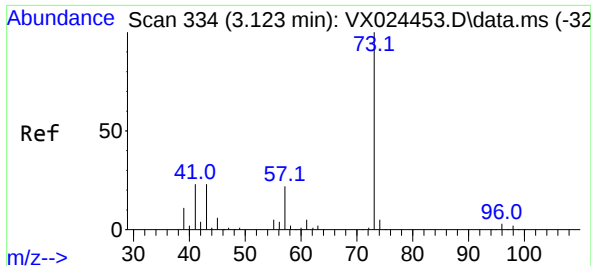
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.483 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

Tgt Ion: 76 Resp: 905
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



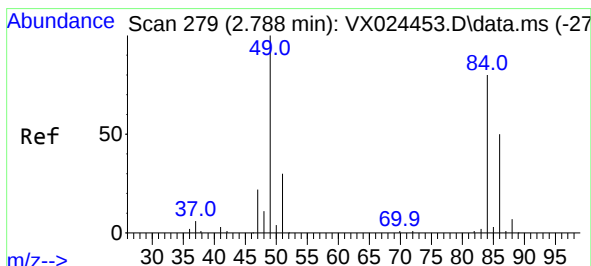
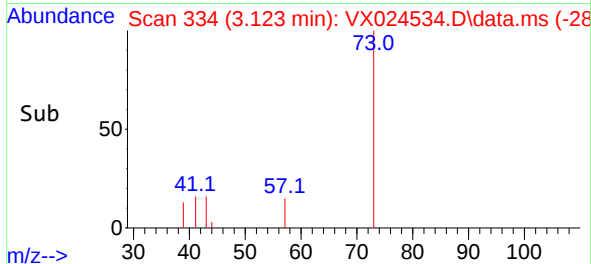
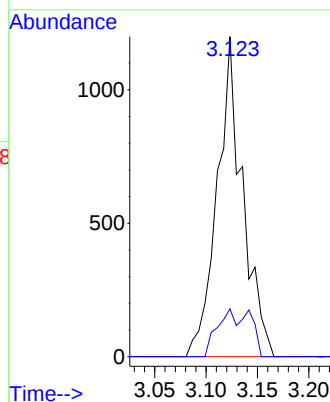
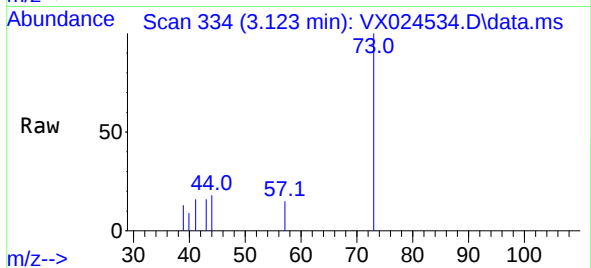


#19

Methyl tert-butyl Ether
 Concen: 0.400 ug/l
 RT: 3.123 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VX024534.D
 Acq: 04 Oct 2021 20:40

Instrument :
 MSVOA_X
 ClientSampled :
 MW-2R

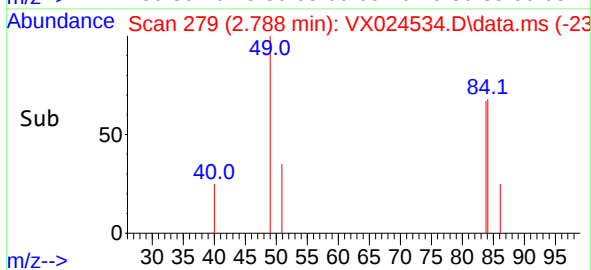
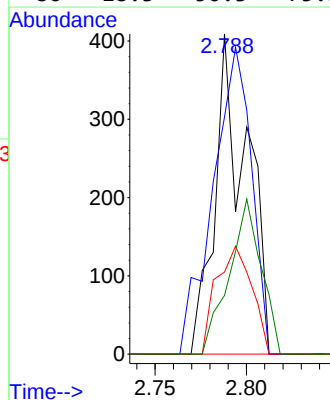
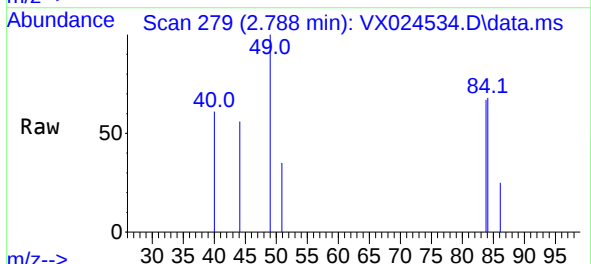
Tgt Ion: 73 Resp: 2066
 Ion Ratio Lower Upper
 73 100
 57 14.9 17.1 25.7#

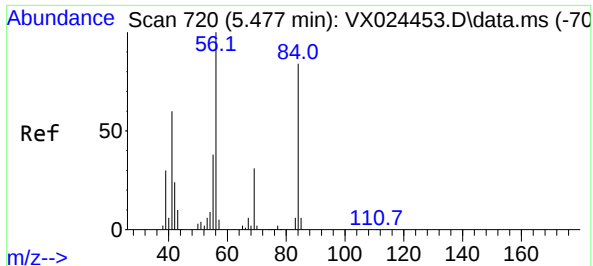


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX024534.D
 Acq: 04 Oct 2021 20:40

Tgt Ion: 84 Resp: 497
 Ion Ratio Lower Upper
 84 100
 49 74.1 88.6 132.8#
 51 25.7 27.0 40.6#
 86 18.3 50.3 75.5#

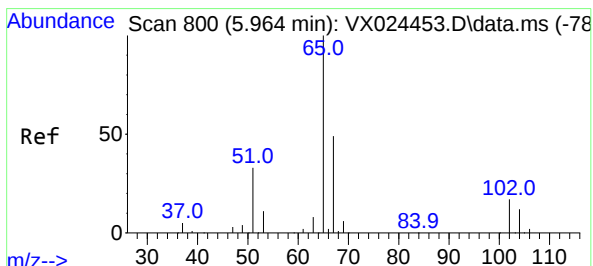
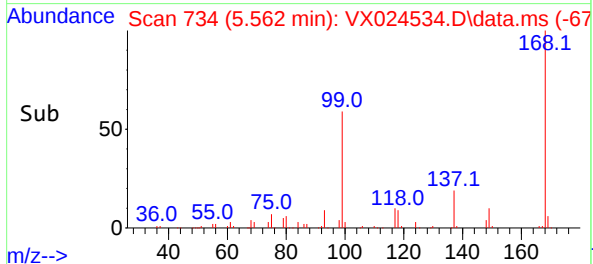
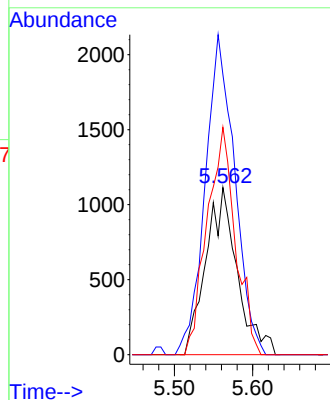
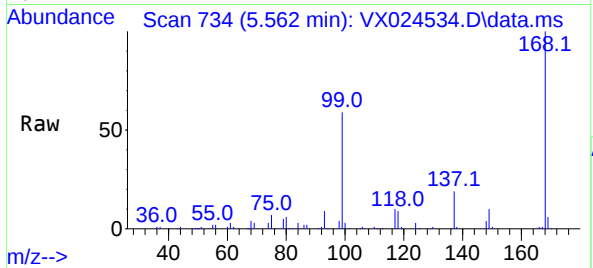




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

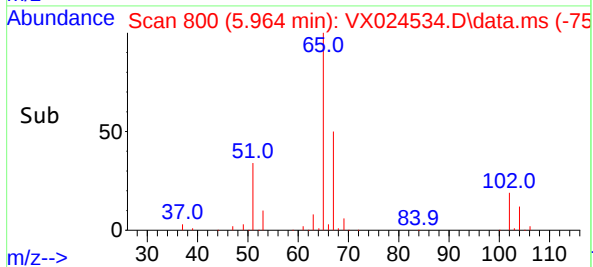
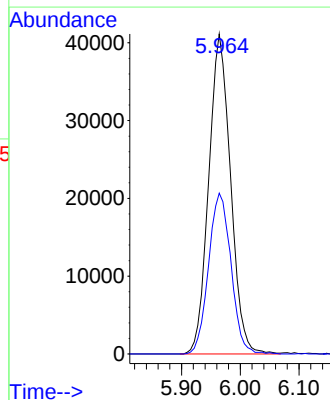
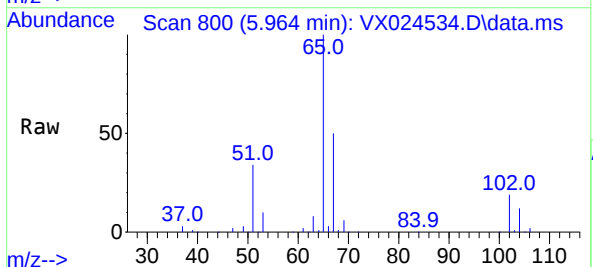
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

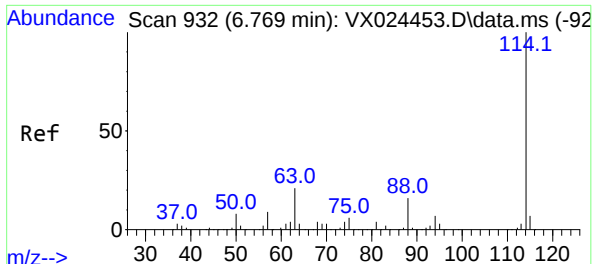
Tgt Ion: 56 Resp: 3098
Ion Ratio Lower Upper
56 100
69 167.4 25.3 37.9#
84 136.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.486 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

Tgt Ion: 65 Resp: 106297
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4



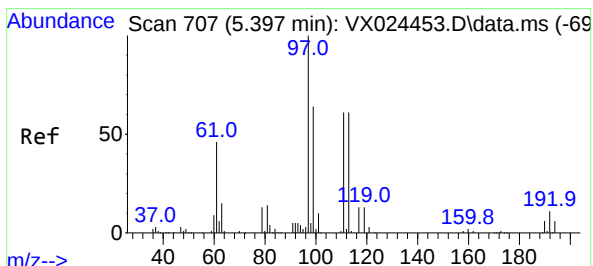
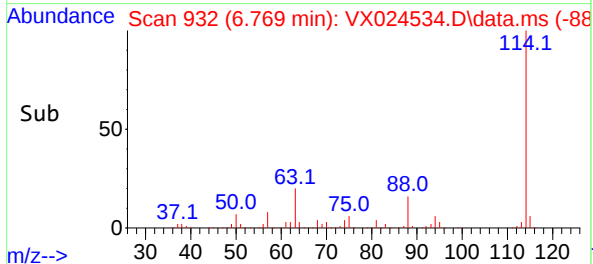
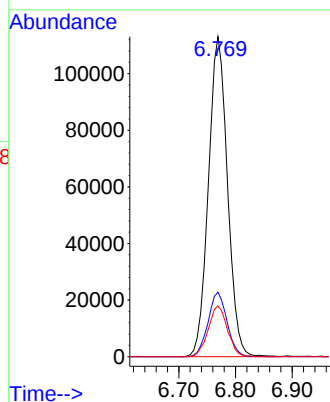
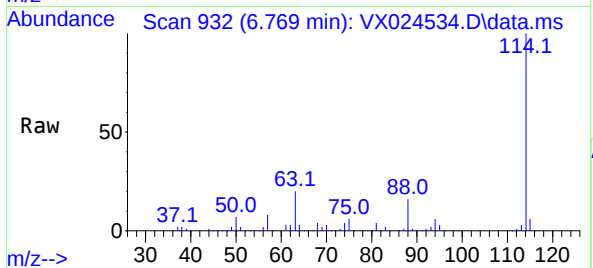


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

Instrument :
MSVOA_X
ClientSampled :
MW-2R

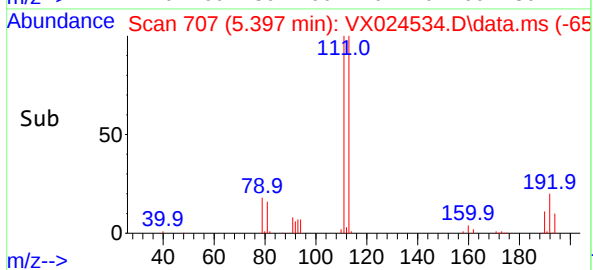
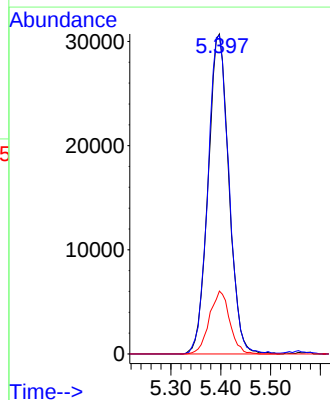
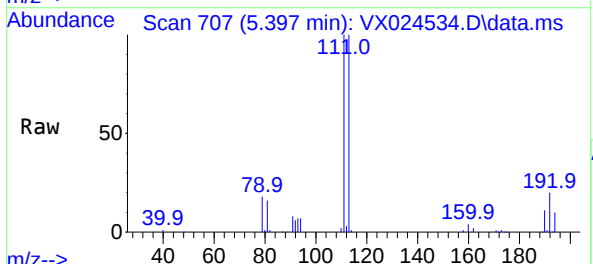
Tgt Ion:114 Resp: 264044
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.9 0.0 32.8

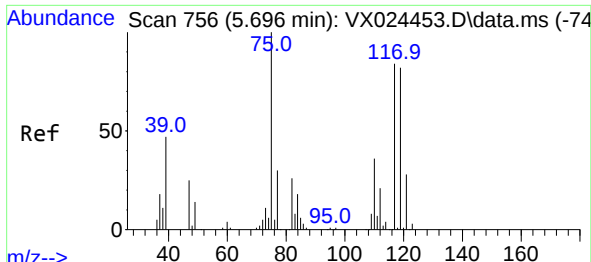


#35

Dibromofluoromethane
Concen: 50.480 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

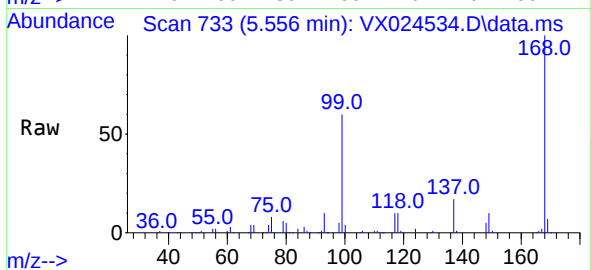
Tgt Ion:113 Resp: 88547
Ion Ratio Lower Upper
113 100
111 100.8 81.9 122.9
192 19.3 16.7 25.1



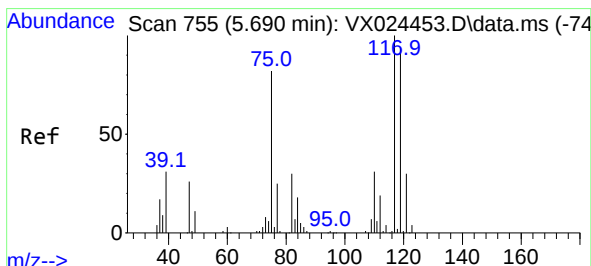
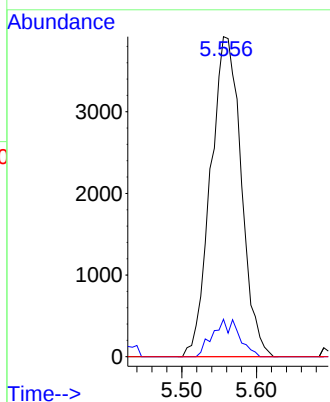
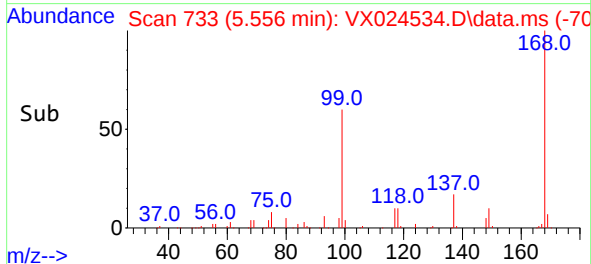


#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

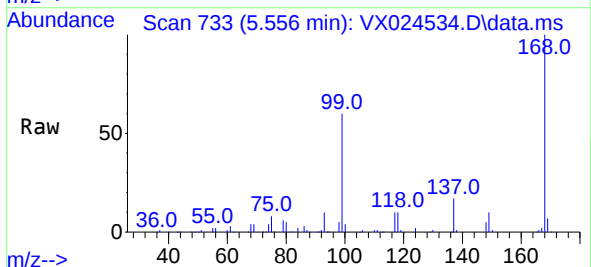
Instrument :
MSVOA_X
ClientSampleId :
MW-2R



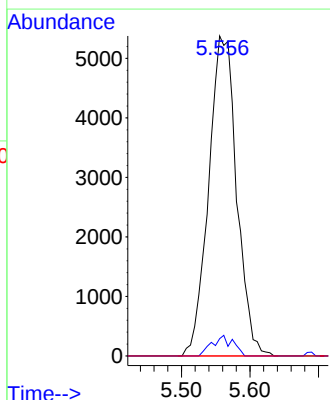
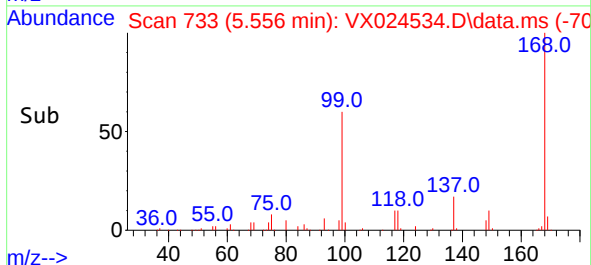
Tgt Ion: 75 Resp: 11141
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#

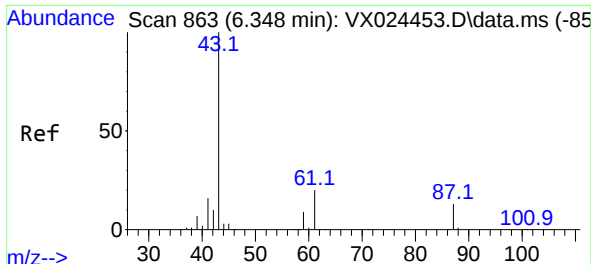


#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40



Tgt Ion: 117 Resp: 15276
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

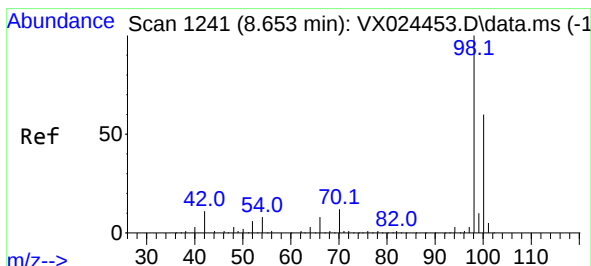
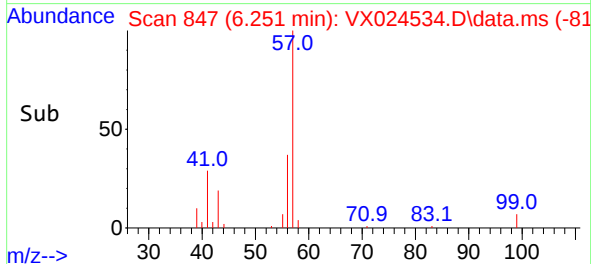
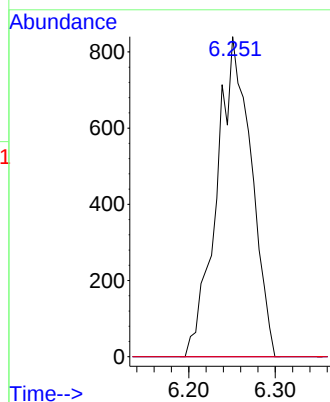
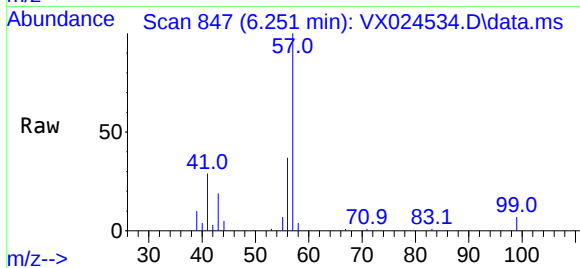




#43
Isopropyl Acetate
Concen: 0.485 ug/l
RT: 6.251 min Scan# 847
Delta R.T. -0.097 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

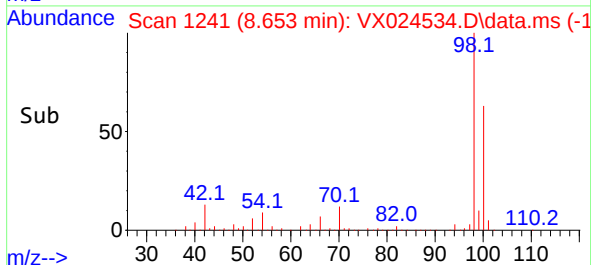
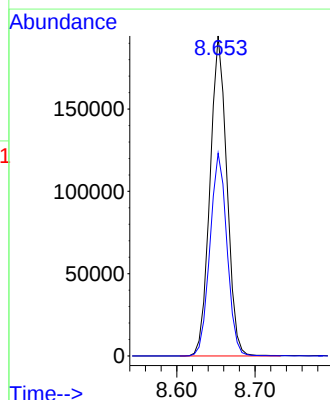
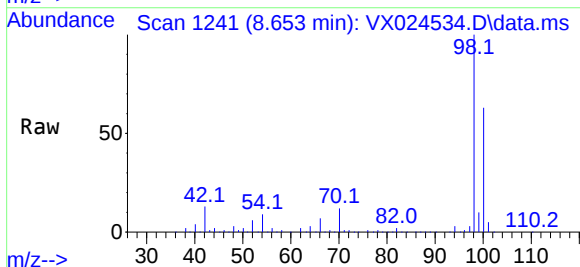
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

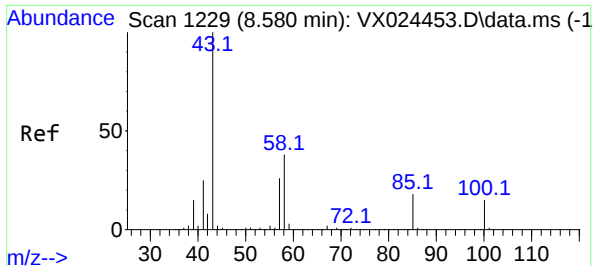
Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 44.969 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

Tgt Ion: 98 Resp: 290321
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

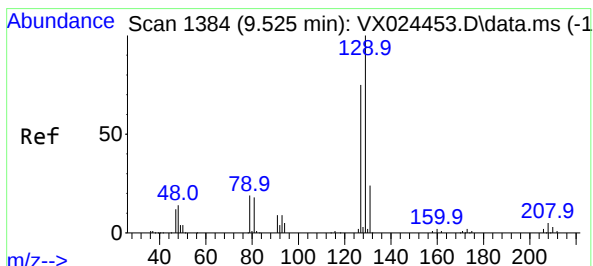
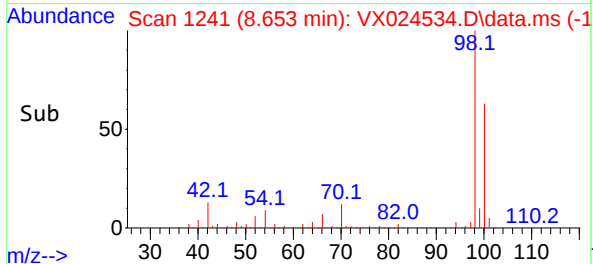
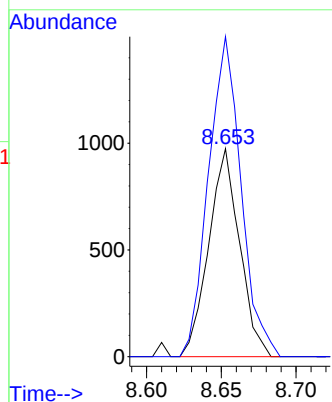
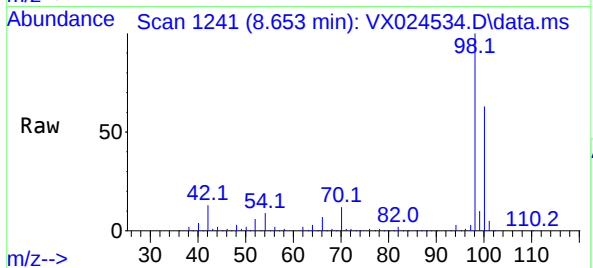




#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

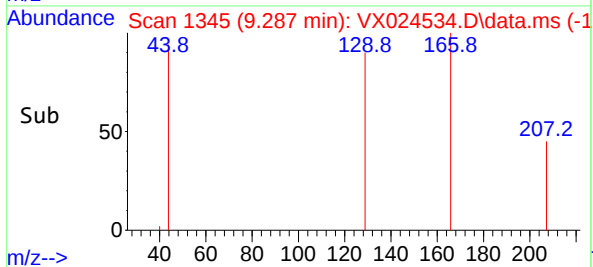
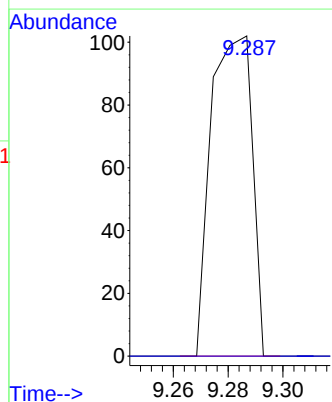
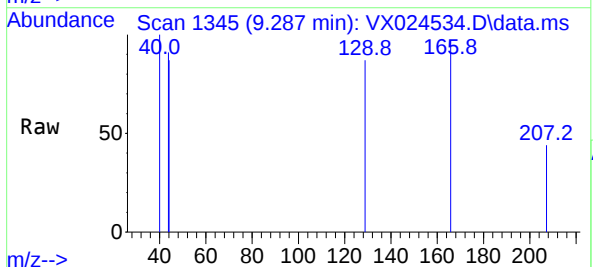
Instrument :
MSVOA_X
ClientSampled :
MW-2R

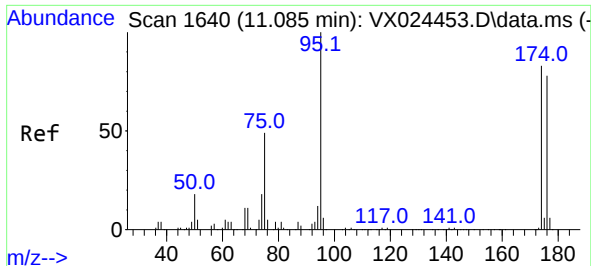
Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 162.2 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.234 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

Tgt Ion: 129 Resp: 106
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

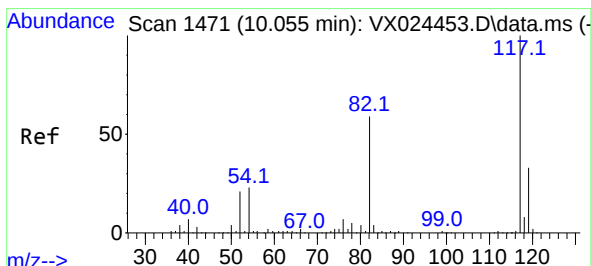
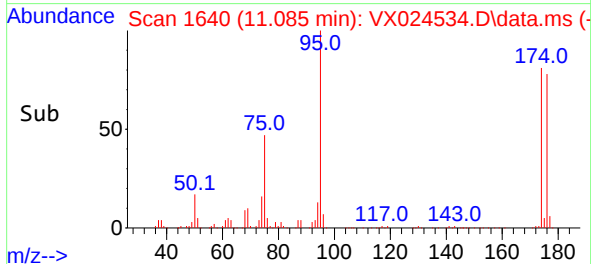
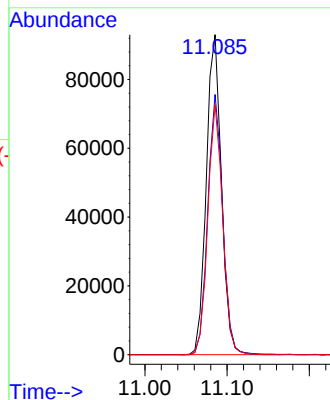
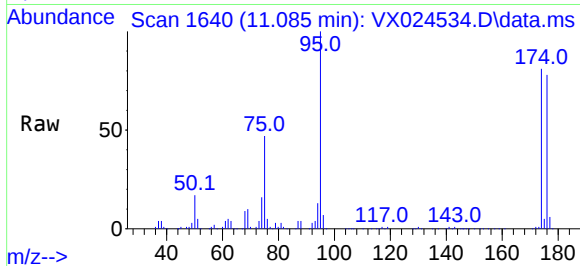




#62
4-Bromofluorobenzene
Concen: 46.908 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

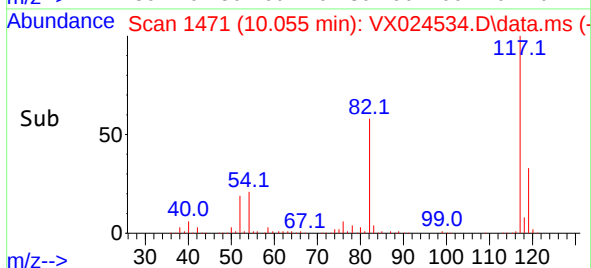
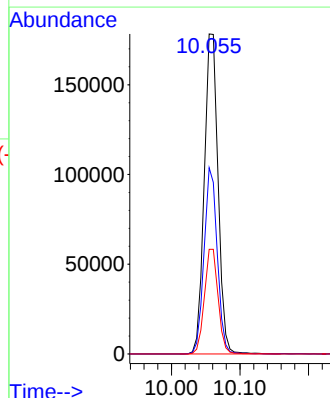
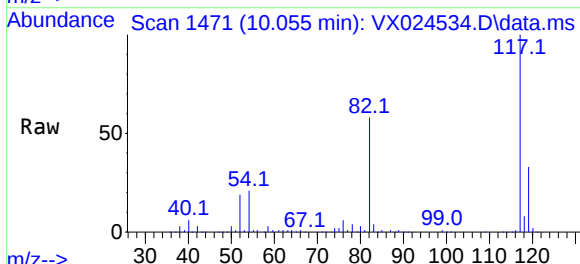
Instrument :
MSVOA_X
ClientSampled :
MW-2R

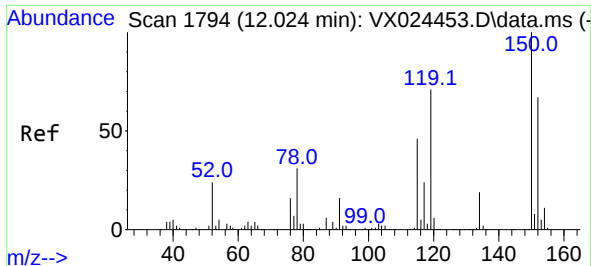
Tgt Ion: 95 Resp: 119072
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

Tgt Ion: 117 Resp: 250817
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.7 26.6 39.8

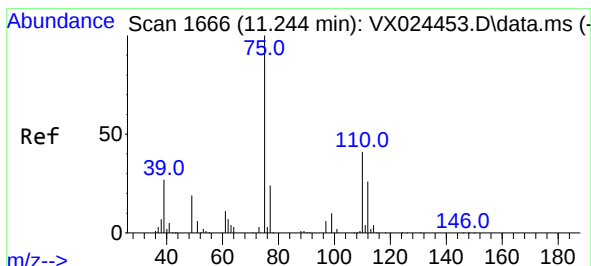
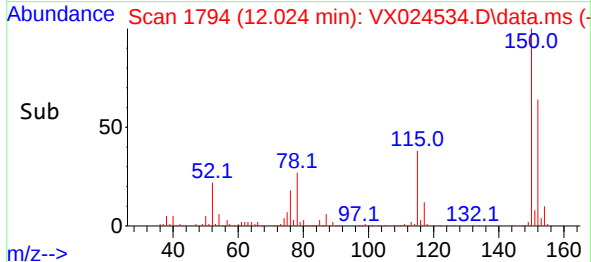
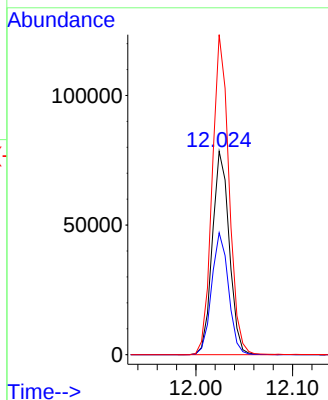
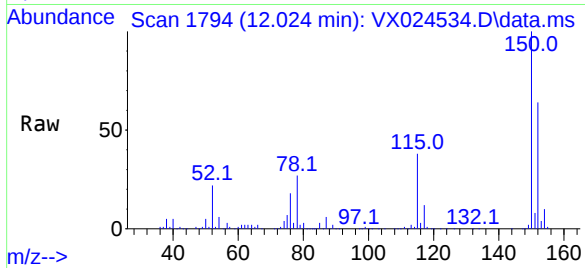




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

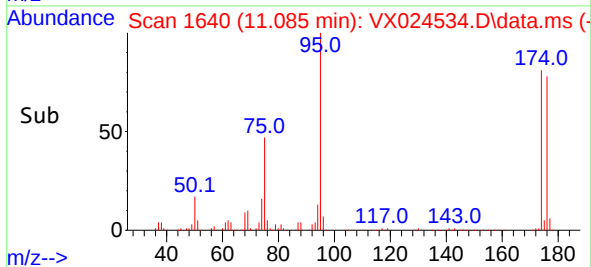
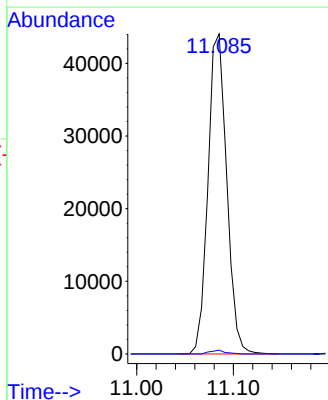
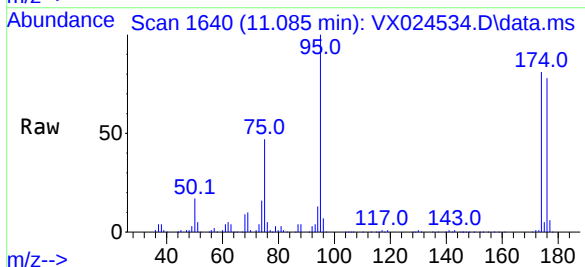
Instrument :
MSVOA_X
ClientSampled :
MW-2R

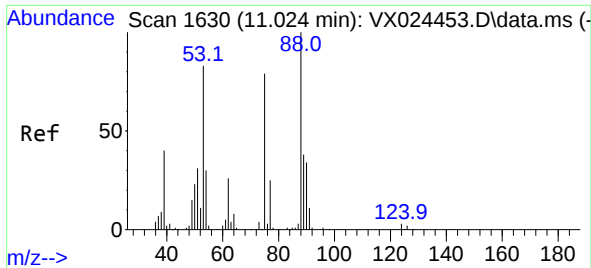
Tgt Ion:152 Resp: 95343
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 155.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.426 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

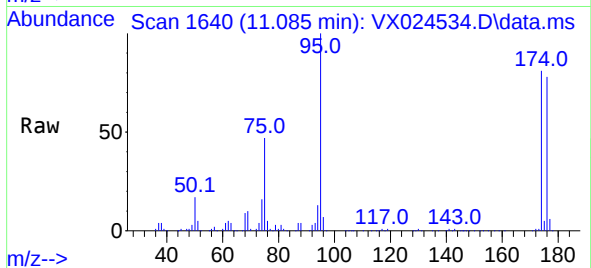
Tgt Ion: 75 Resp: 59382
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.601 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024534.D
Acq: 04 Oct 2021 20:40

Instrument :
MSVOA_X
ClientSampleId :
MW-2R



Tgt Ion: 75 Resp: 59382
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

