

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024623.D
 Acq On : 06 Oct 2021 17:21
 Operator : JC/MD
 Sample : M4047-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 07 07:47:59 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)

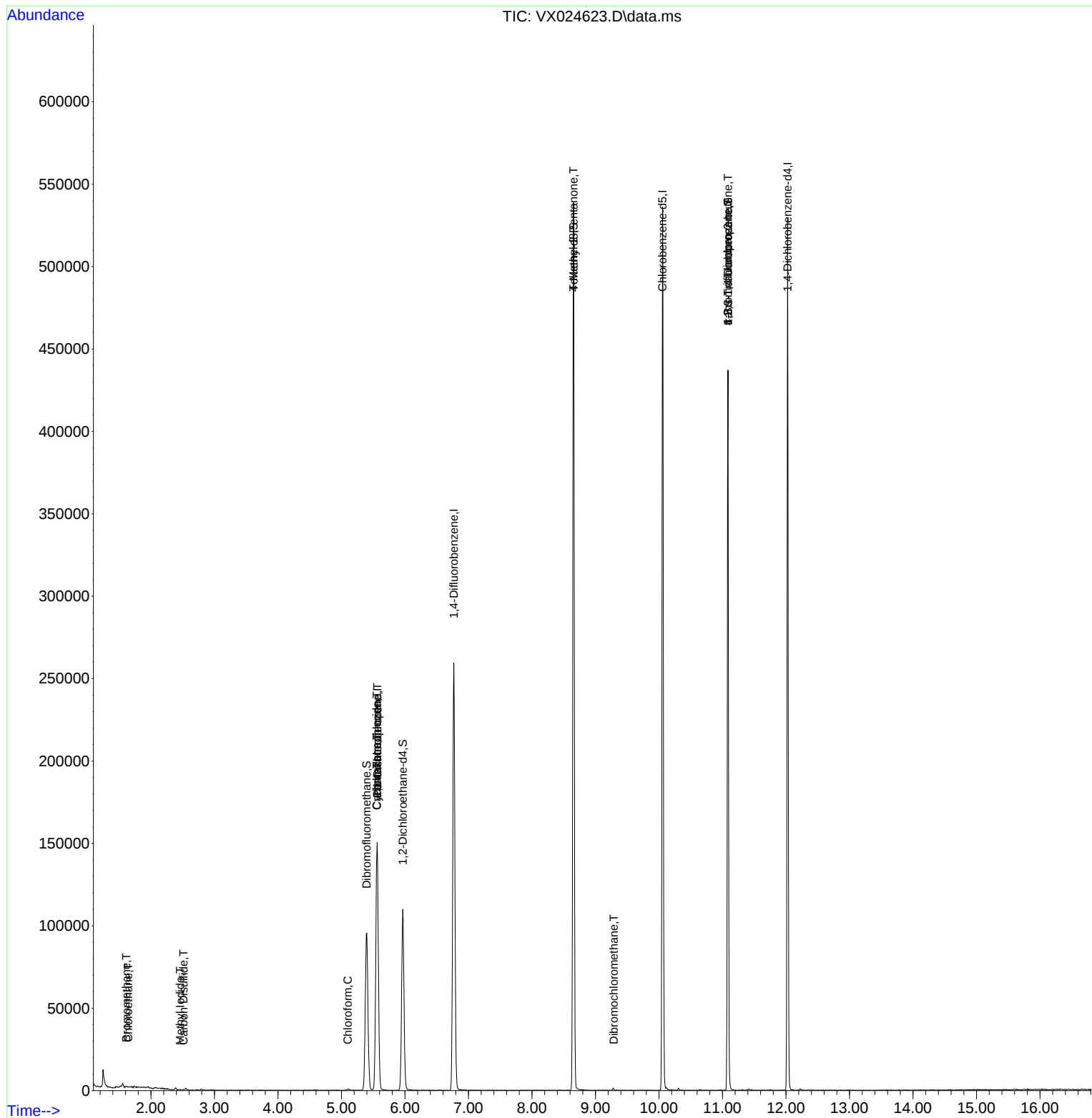
Internal Standards						
1) Pentafluorobenzene	5.562	168	138708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107538	55.01	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.02%			
35) Dibromofluoromethane	5.397	113	83143	47.52	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.04%			
50) Toluene-d8	8.653	98	322591	50.09	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.18%			
62) 4-Bromofluorobenzene	11.085	95	116742	46.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.22%			
Target Compounds					Qvalue	
5) Bromomethane	1.612	94	304	0.33	ug/l #	73
6) Chloroethane	1.642	64	271	0.55	ug/l #	43
10) Methyl Iodide	2.459	142	443	0.23	ug/l #	72
11) Tert butyl alcohol	2.953	59	56	Below Cal	#	73
16) Acetone	2.386	43	1462	Below Cal		97
17) Carbon Disulfide	2.514	76	289	0.32	ug/l #	75
20) Methylene Chloride	2.788	84	334	Below Cal	#	63
30) Chloroform	5.099	83	899	0.31	ug/l #	81
31) Cyclohexane	5.556	56	2947	1.26	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11110	4.40	ug/l #	45
38) Carbon Tetrachloride	5.556	117	14602	5.31	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1359	0.43	ug/l #	1
60) Dibromochloromethane	9.287	129	241	1.29	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57221	23.62	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57221	64.53	ug/l #	12

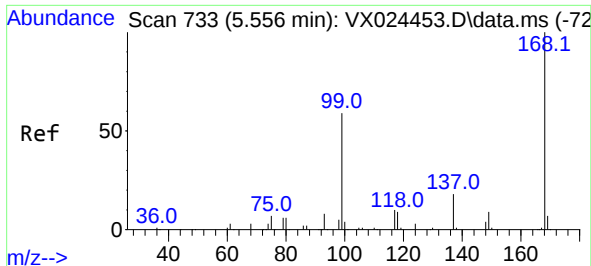
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
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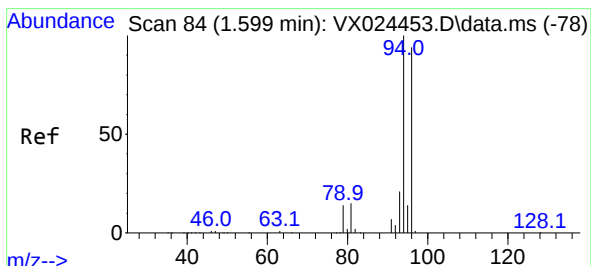
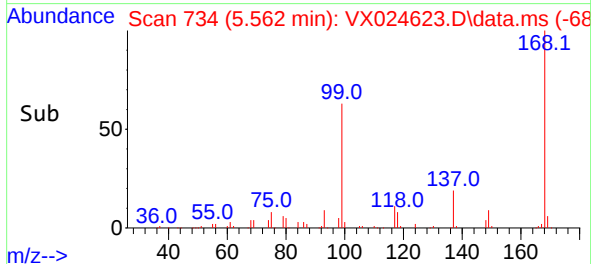
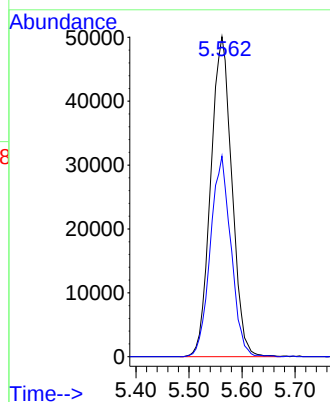
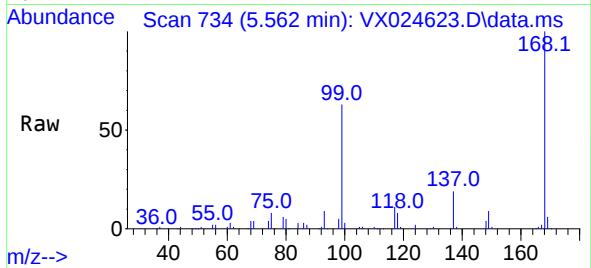




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

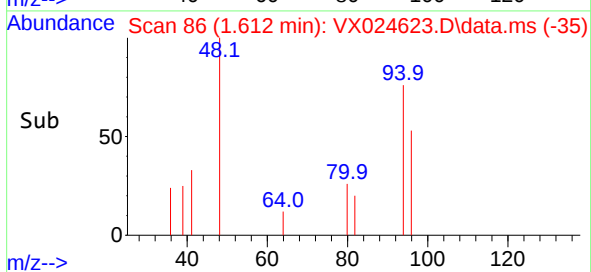
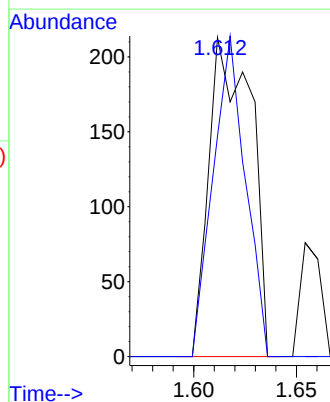
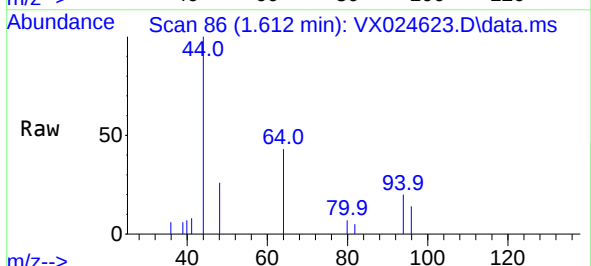
Instrument :
MSVOA_X
ClientSampled :
MW-1

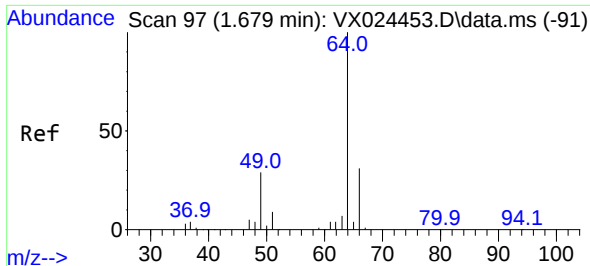
Tgt Ion:168 Resp: 138708
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 94 Resp: 304
Ion Ratio Lower Upper
94 100
96 69.0 76.4 114.6#

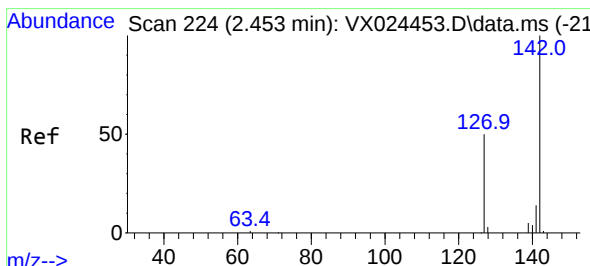
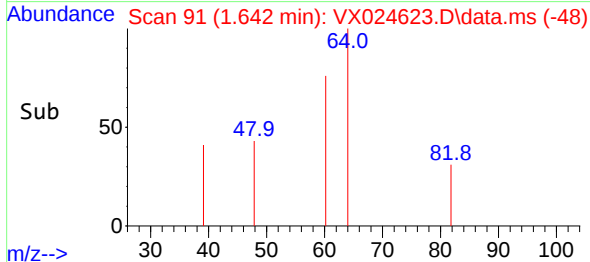
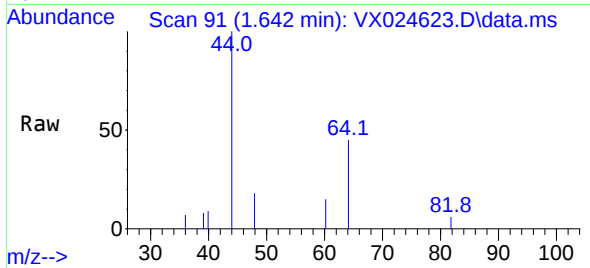




#6
Chloroethane
Concen: 0.55 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

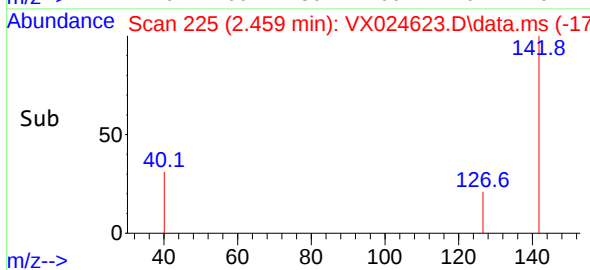
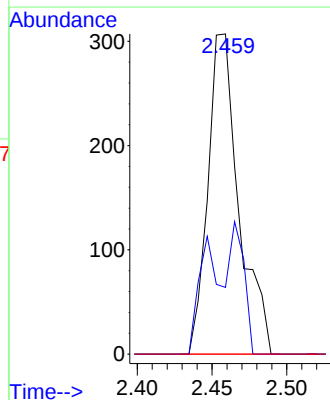
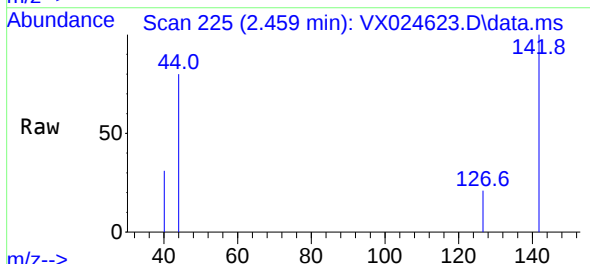
Instrument :
MSVOA_X
ClientSampled :
MW-1

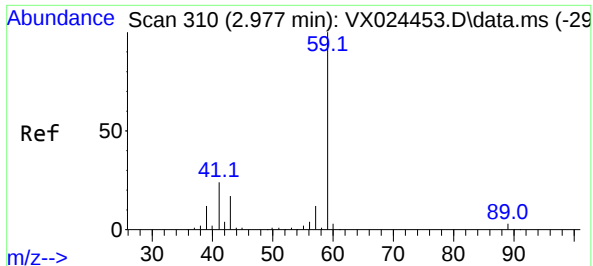
Tgt Ion: 64 Resp: 271
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 142 Resp: 443
Ion Ratio Lower Upper
142 100
127 25.7 33.3 49.9#
141 0.0 11.4 17.0#



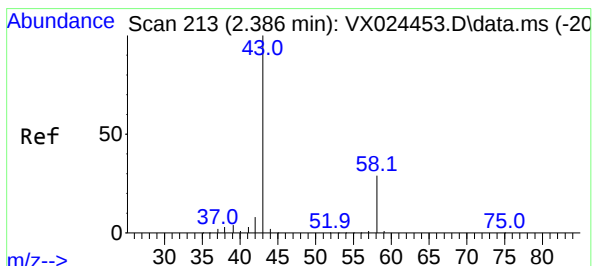
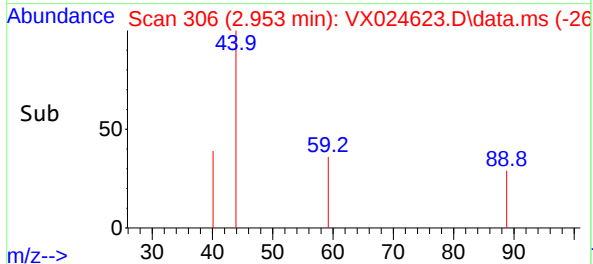
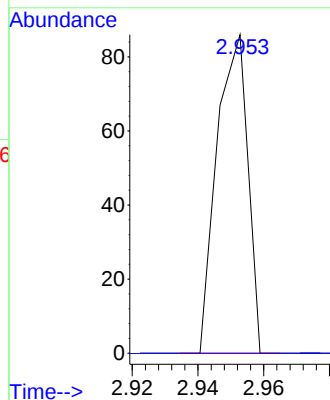
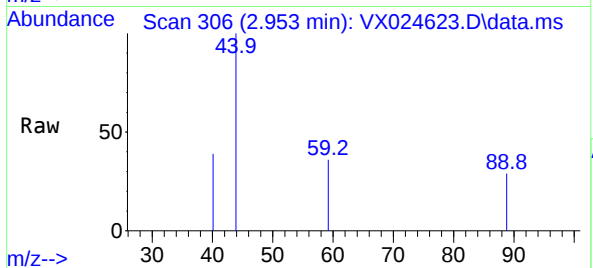


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampled :
MW-1

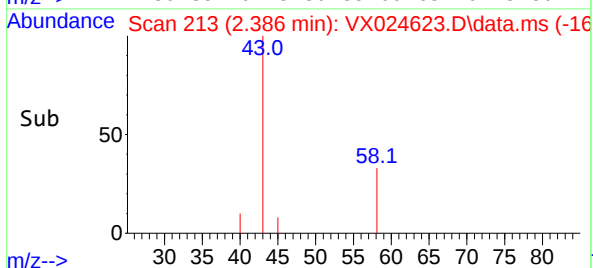
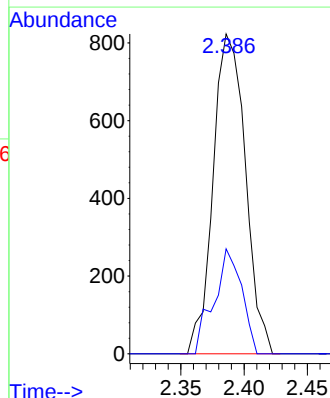
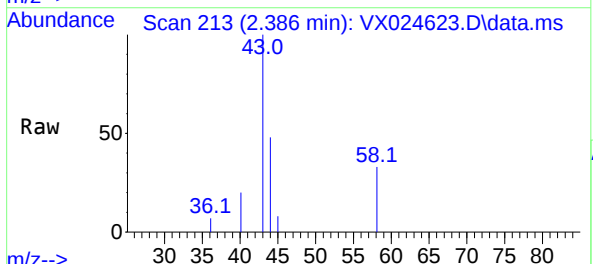
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

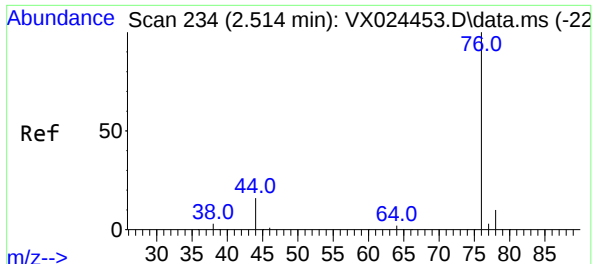


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8

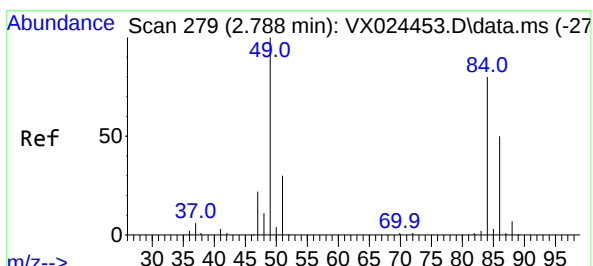
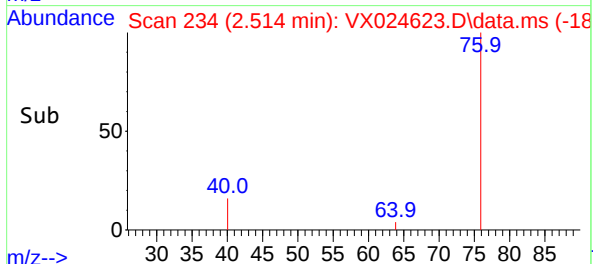
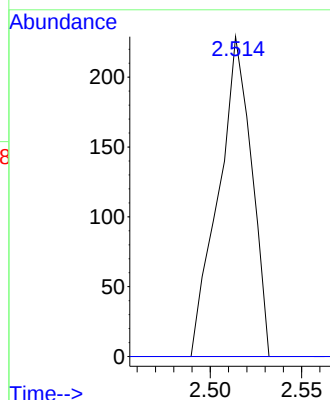
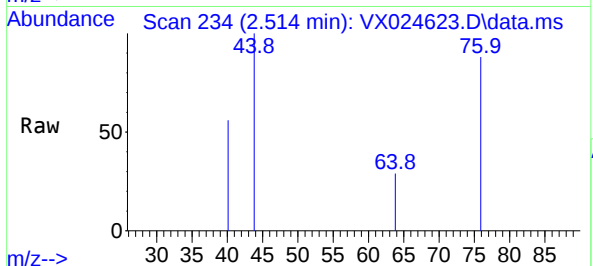




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

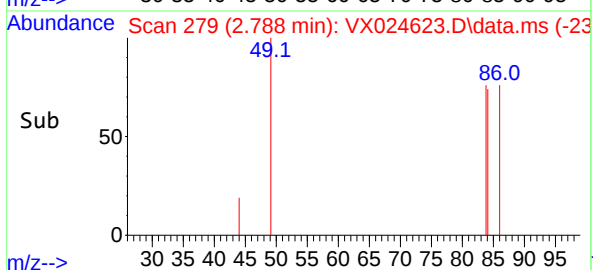
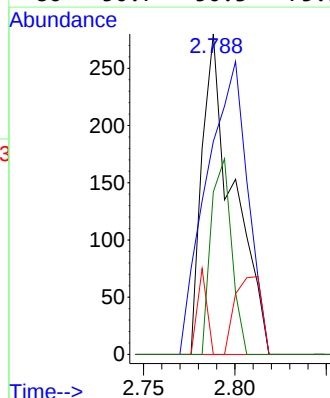
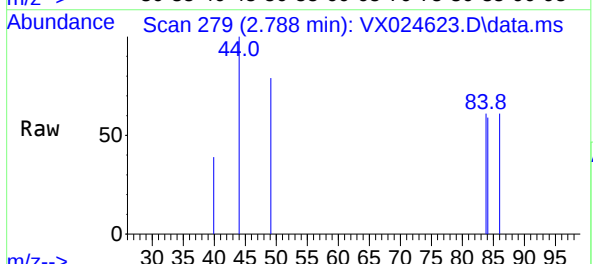
Instrument :
MSVOA_X
ClientSampled :
MW-1

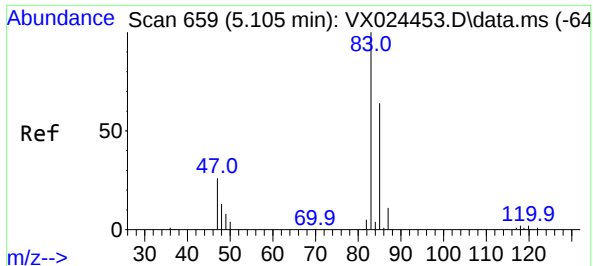
Tgt Ion: 76 Resp: 289
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 84 Resp: 334
Ion Ratio Lower Upper
84 100
49 66.4 88.6 132.8#
51 0.0 27.0 40.6#
86 50.7 50.3 75.5



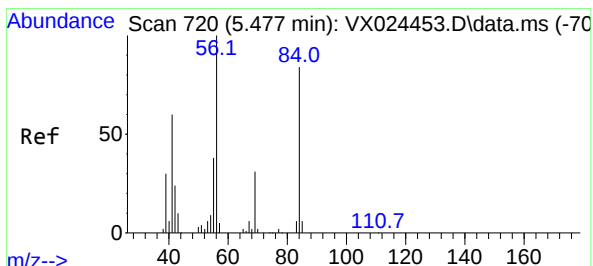
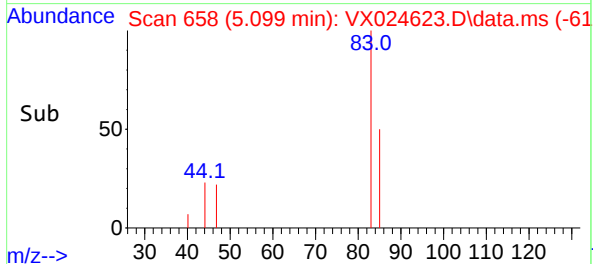
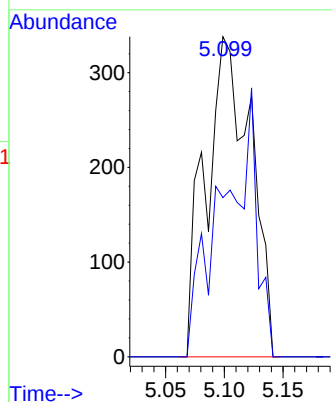
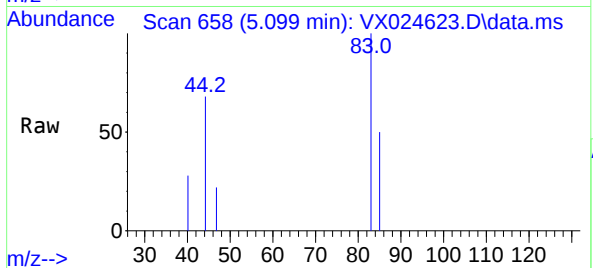


#30

Chloroform
Concen: 0.31 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampleId :
MW-1

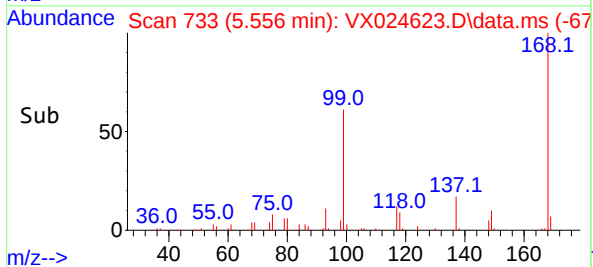
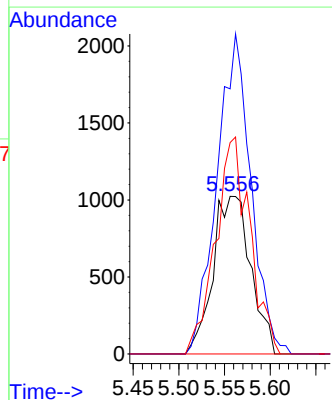
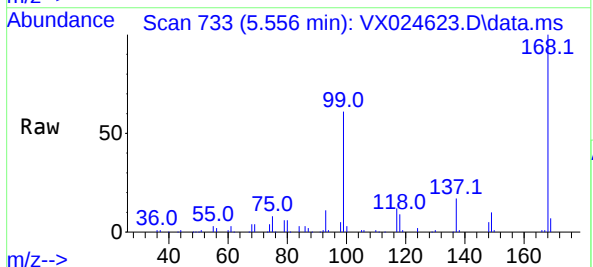
Tgt Ion: 83 Resp: 899
Ion Ratio Lower Upper
83 100
85 49.7 52.0 78.0#

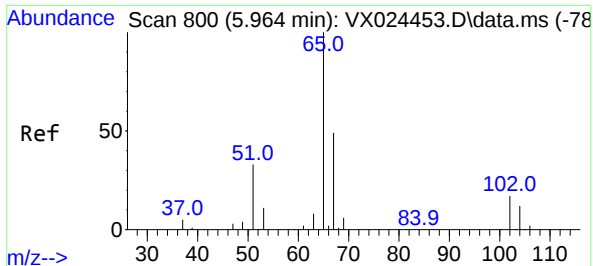


#31

Cyclohexane
Concen: 1.26 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 56 Resp: 2947
Ion Ratio Lower Upper
56 100
69 168.2 25.3 37.9#
84 134.1 71.4 107.0#

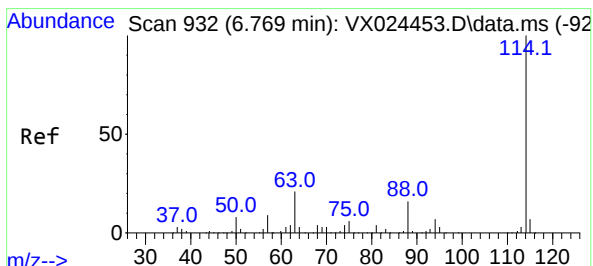
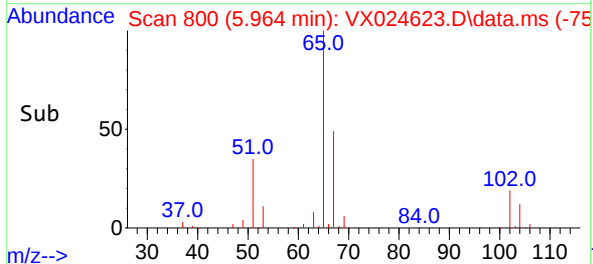
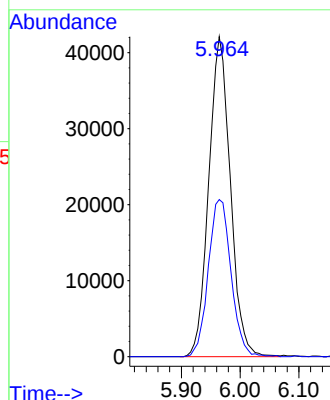
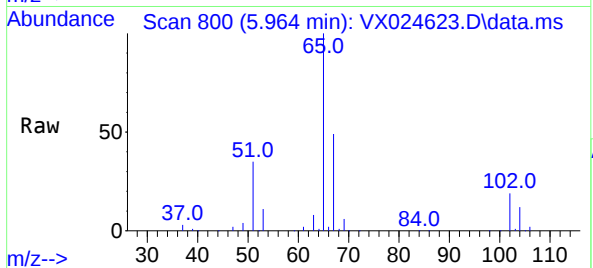




#33
1,2-Dichloroethane-d4
Concen: 55.01 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

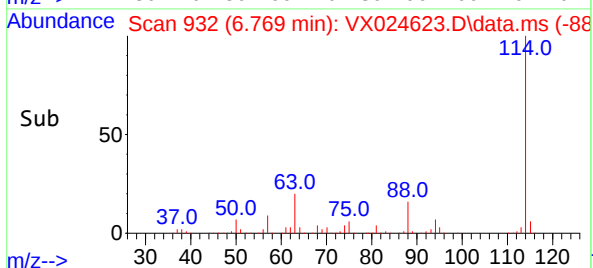
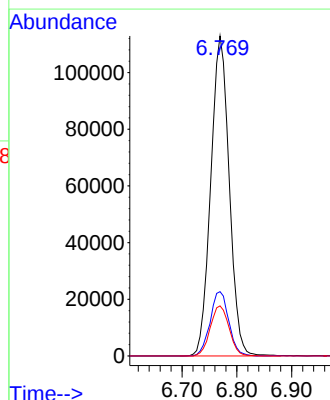
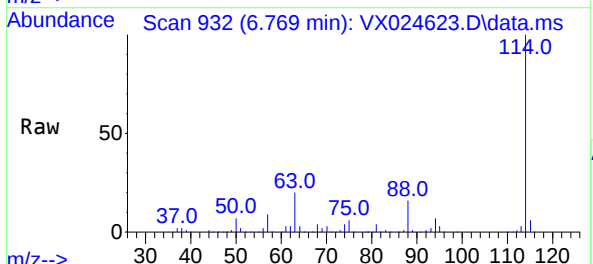
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MSVOA_X
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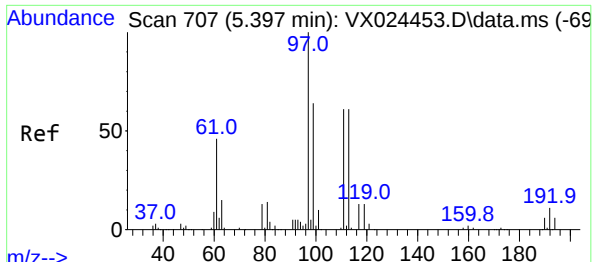
Tgt Ion: 65 Resp: 107538
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 114 Resp: 263381
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.7 0.0 32.8

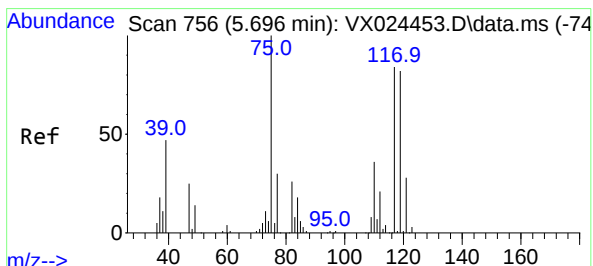
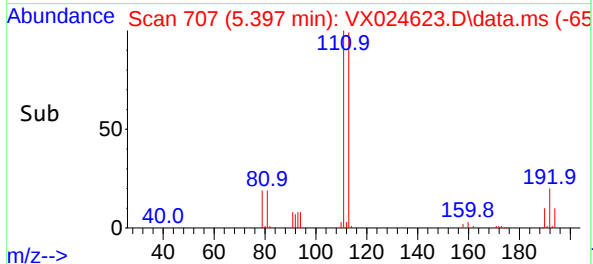
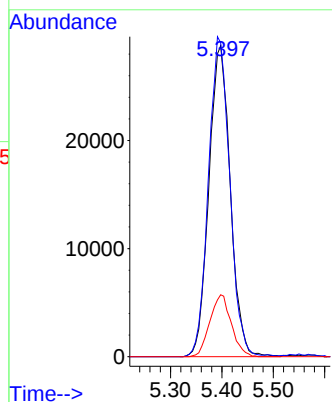
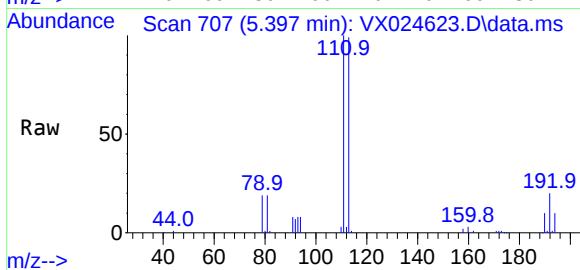




#35
Dibromofluoromethane
Concen: 47.52 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

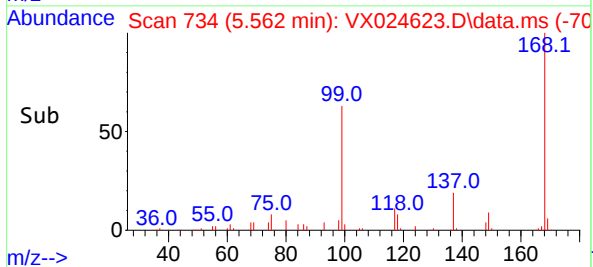
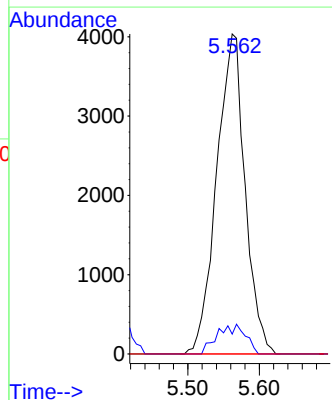
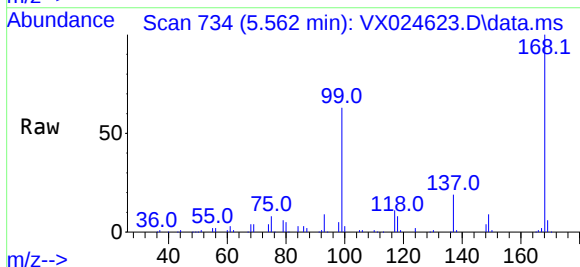
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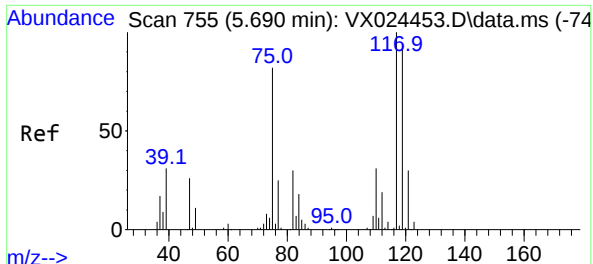
Tgt Ion:	113	Resp:	83143
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	19.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

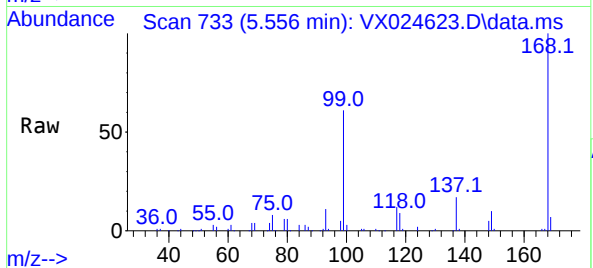
Tgt Ion:	75	Resp:	11110
Ion	Ratio	Lower	Upper
75	100		
110	5.4	18.1	54.4#
77	0.0	25.3	37.9#



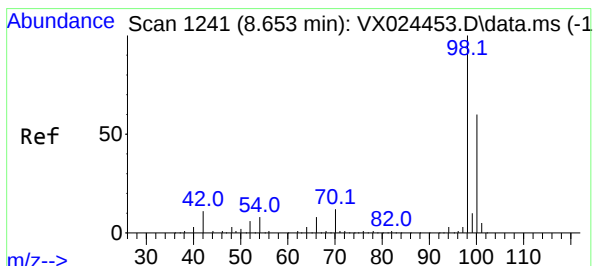
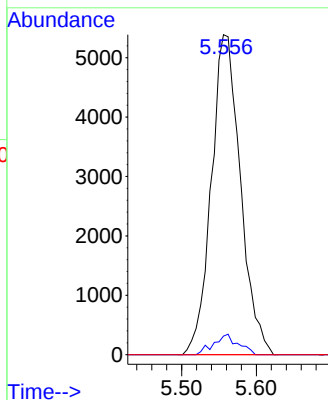
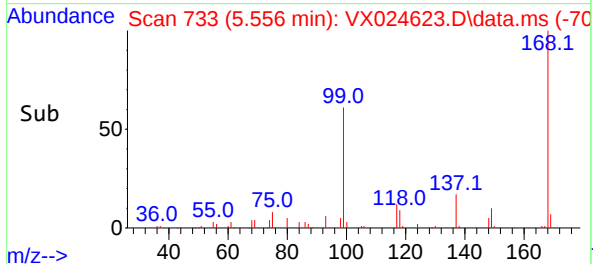


#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

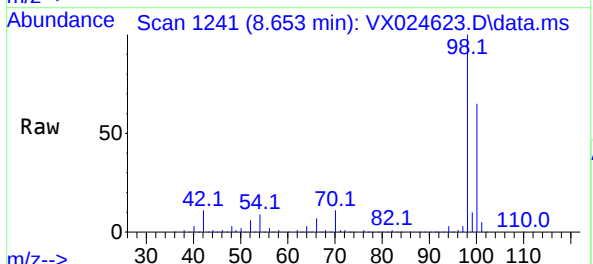
Instrument :
MSVOA_X
ClientSampled :
MW-1



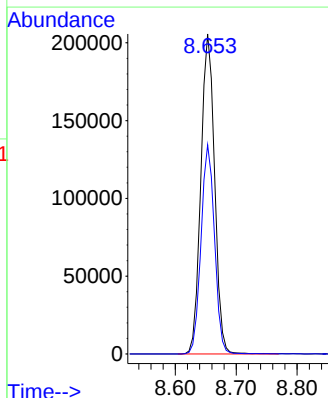
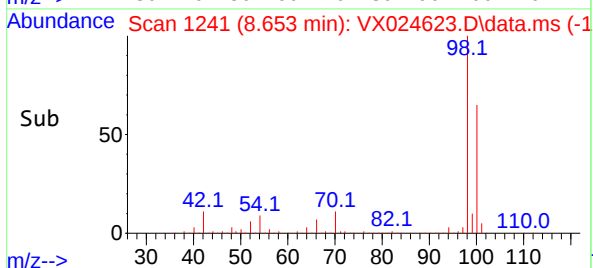
Tgt Ion:117 Resp: 14602
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

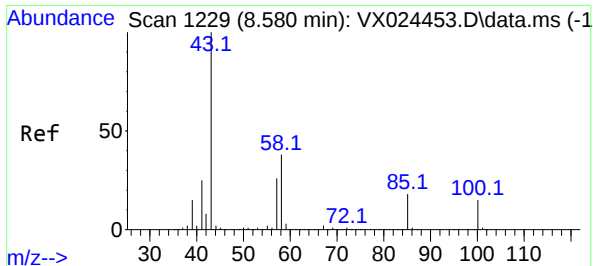


#50
Toluene-d8
Concen: 50.09 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21



Tgt Ion: 98 Resp: 322591
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

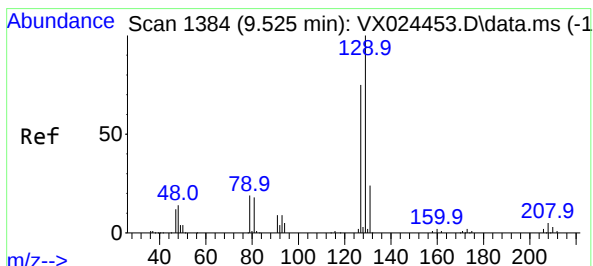
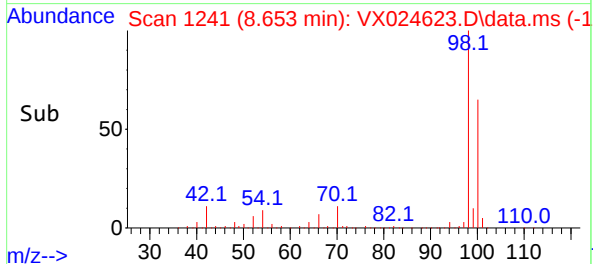
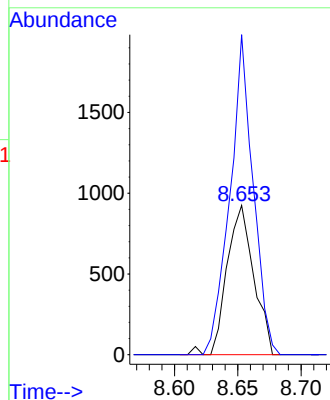
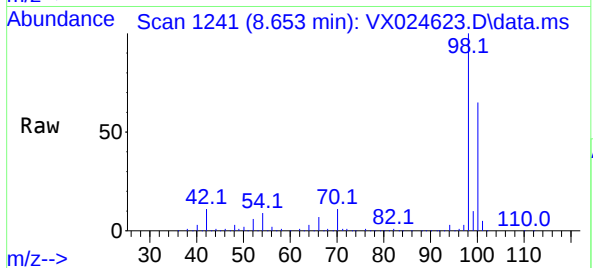




#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

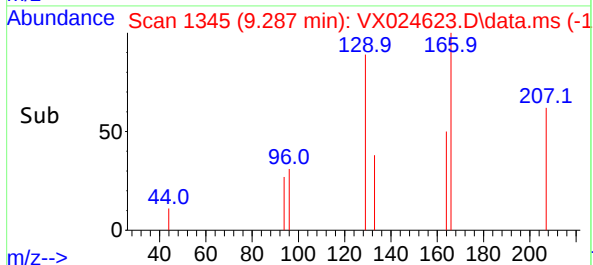
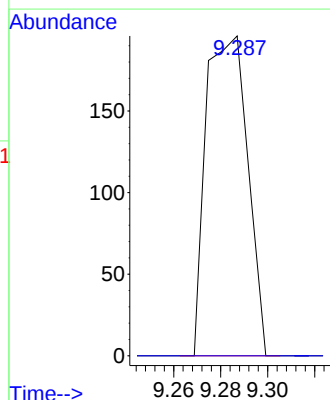
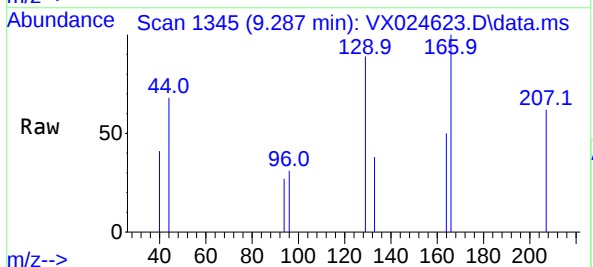
Instrument :
MSVOA_X
ClientSampled :
MW-1

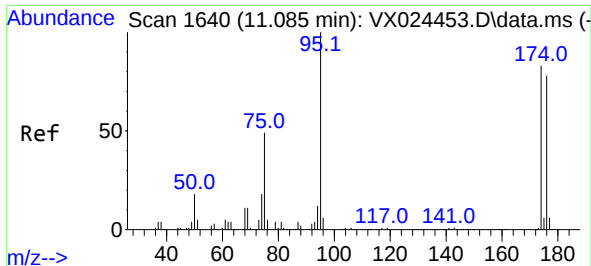
Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
58 186.3 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.29 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 129 Resp: 241
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

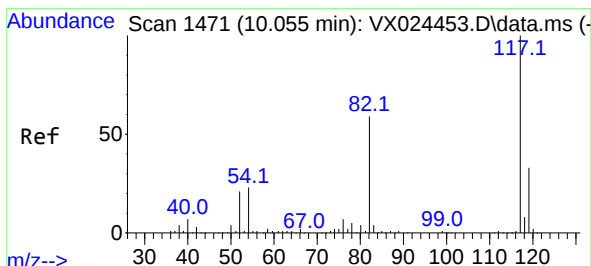
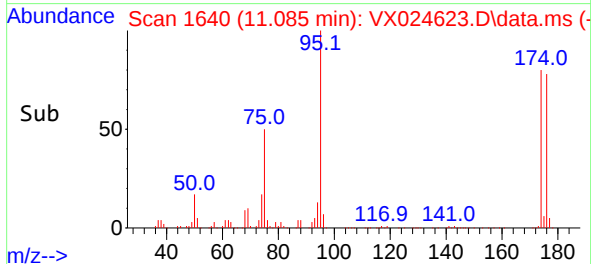
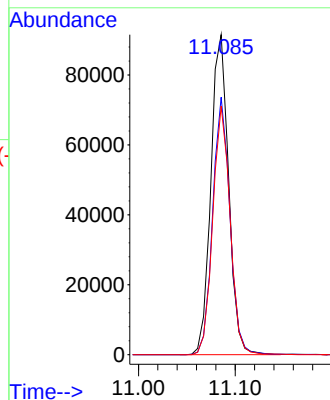
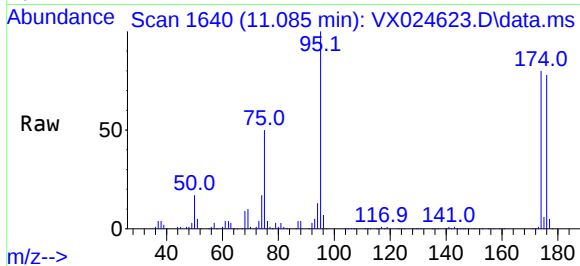




#62
4-Bromofluorobenzene
Concen: 46.11 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

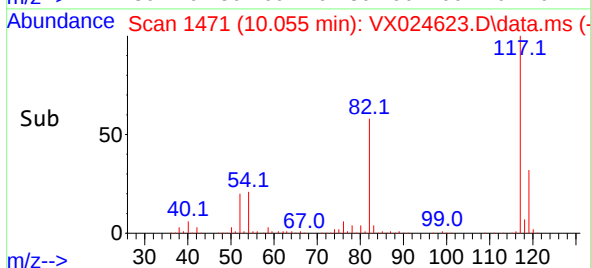
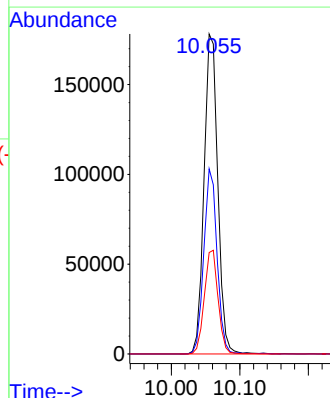
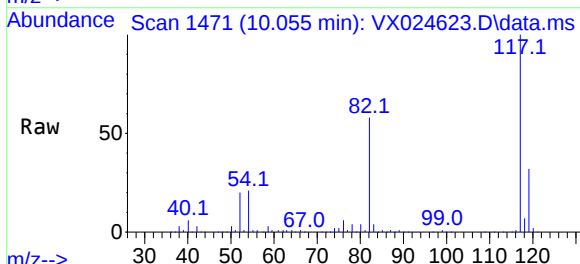
Instrument :
MSVOA_X
ClientSampleId :
MW-1

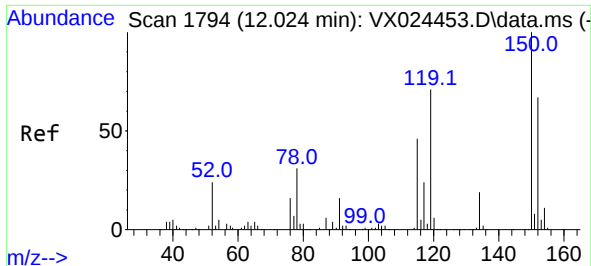
Tgt Ion: 95 Resp: 116742
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Tgt Ion: 117 Resp: 248768
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.7 26.6 39.8

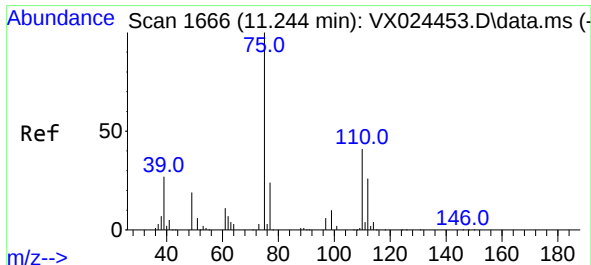
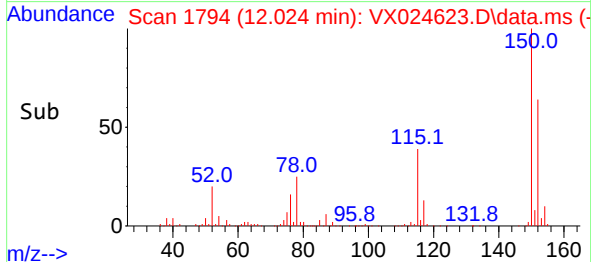
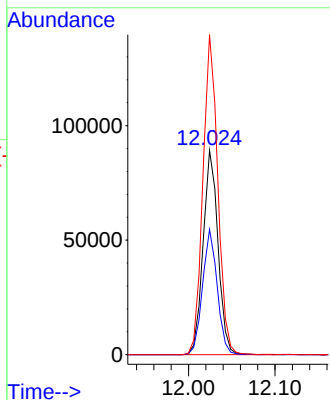
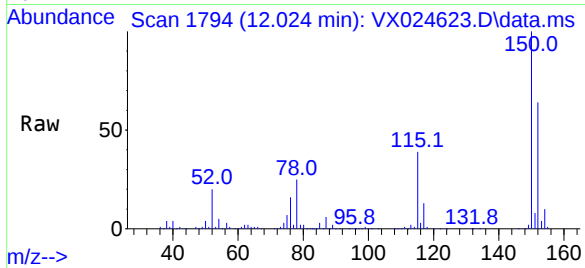




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

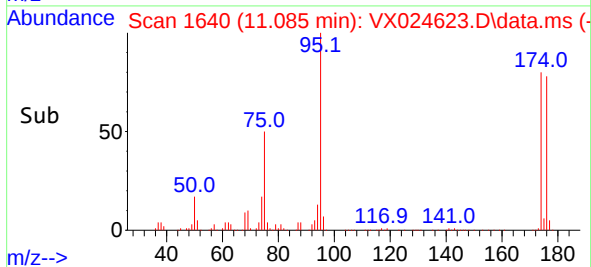
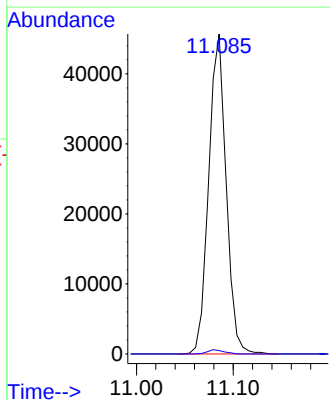
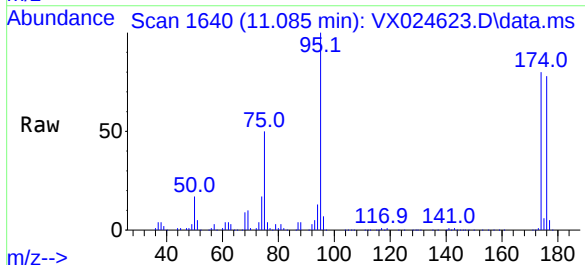
Instrument :
MSVOA_X
ClientSampled :
MW-1

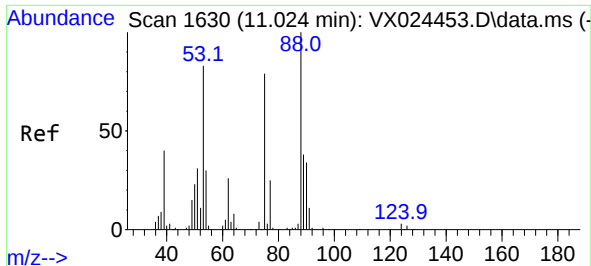
Tgt Ion:152 Resp: 106659
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.62 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

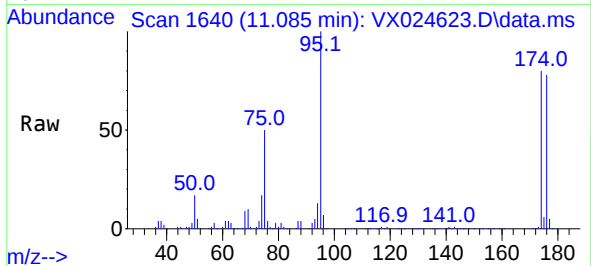
Tgt Ion: 75 Resp: 57221
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024623.D
Acq: 06 Oct 2021 17:21

Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion: 75 Resp: 57221
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

