

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024579.D
 Acq On : 05 Oct 2021 18:23
 Operator : JC/MD
 Sample : M4047-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 06 06:50:16 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)

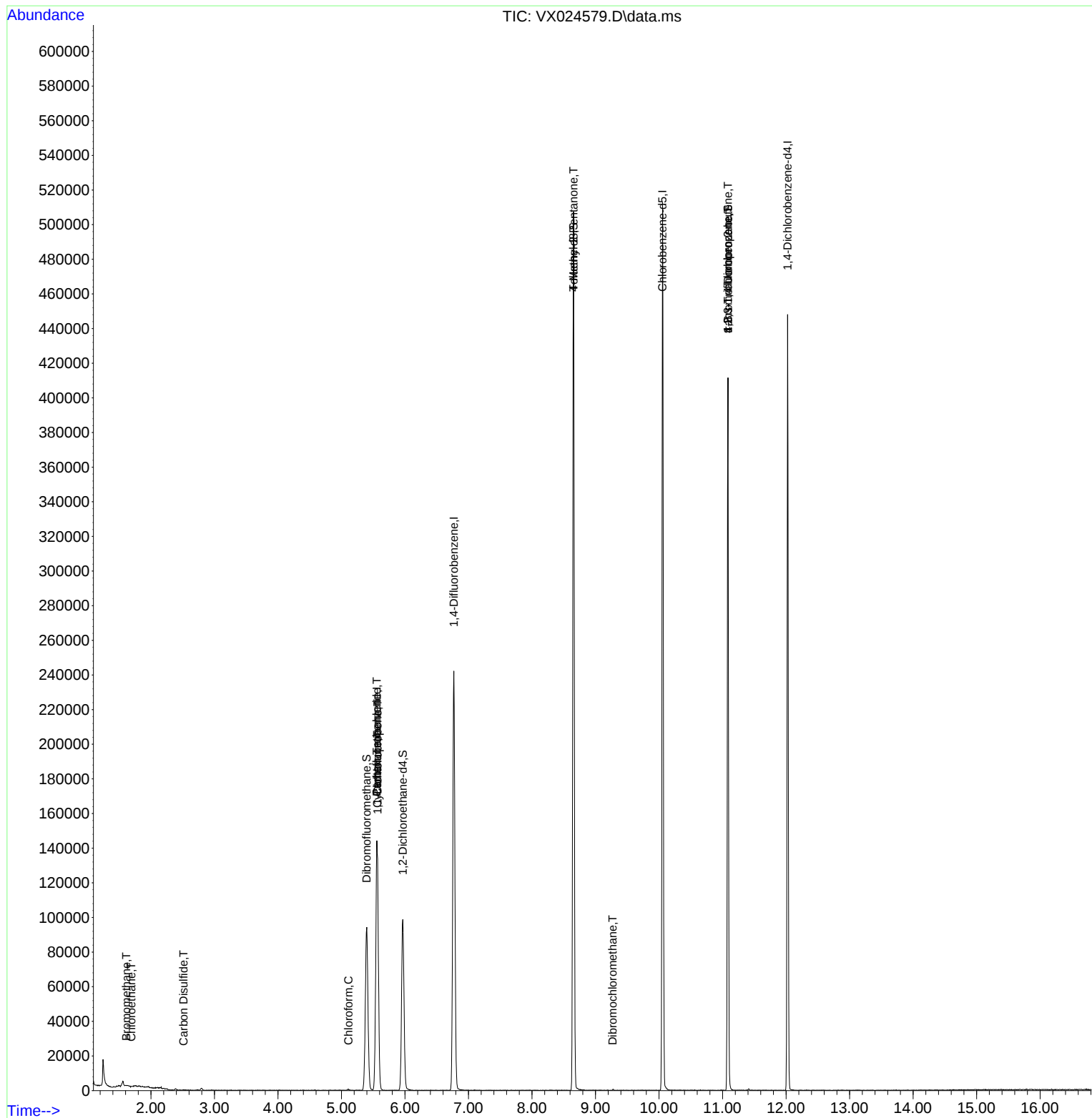
Internal Standards						
1) Pentafluorobenzene	5.556	168	134376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101329	53.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.000%	
35) Dibromofluoromethane	5.397	113	80511	50.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	8.653	98	296006	50.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	11.085	95	105131	45.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	192	0.214	ug/l	95
6) Chloroethane	1.691	64	142	0.417	ug/l #	43
11) Tert butyl alcohol	2.940	59	23	Below Cal	#	73
16) Acetone	2.386	43	890	Below Cal	#	86
17) Carbon Disulfide	2.514	76	135	0.270	ug/l #	75
20) Methylene Chloride	2.794	84	577	Below Cal	#	75
30) Chloroform	5.111	83	576	0.204	ug/l #	60
31) Cyclohexane	5.562	56	2833	1.249	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	10447	4.529	ug/l #	41
38) Carbon Tetrachloride	5.556	117	14197	5.654	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1157	0.400	ug/l #	1
60) Dibromochloromethane	9.269	129	63	1.218	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55098	27.009	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55098	73.498	ug/l #	12

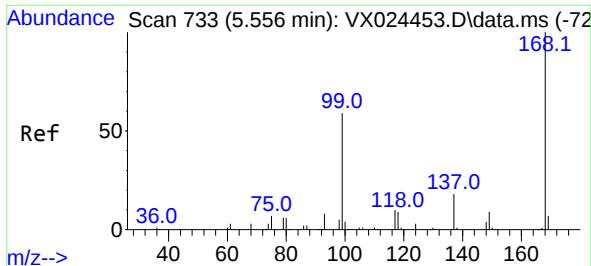
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 06 06:50:16 2021
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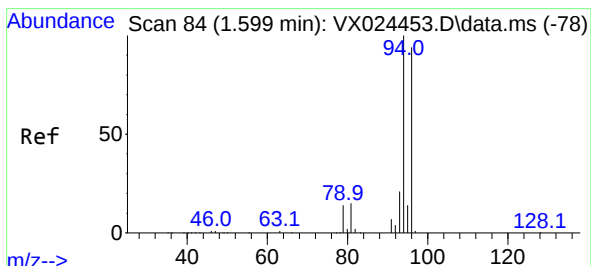
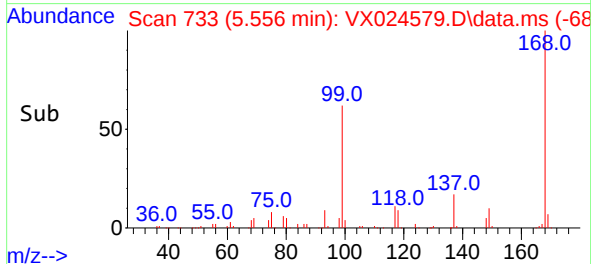
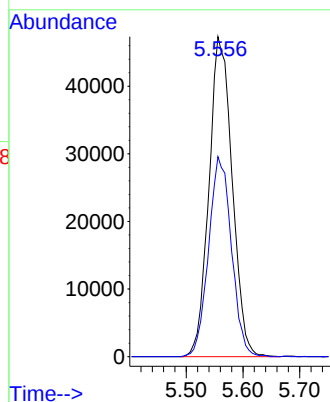
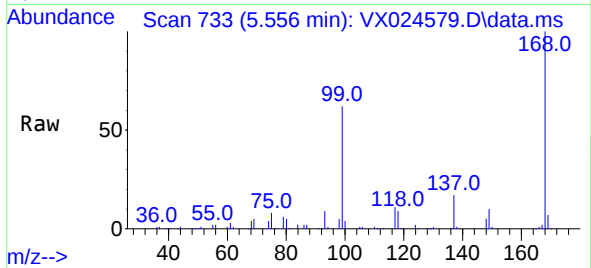




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

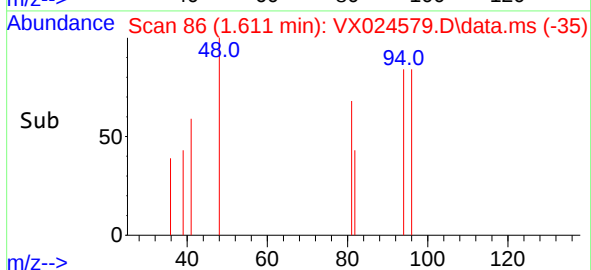
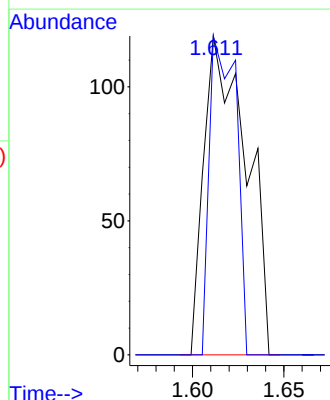
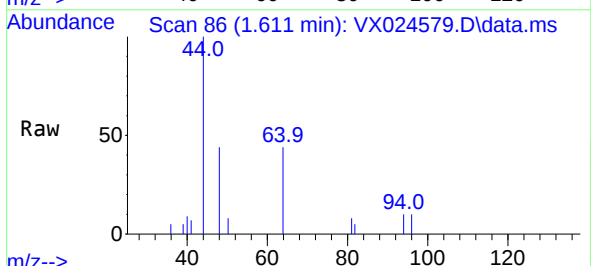
Instrument :
MSVOA_X
ClientSampleId :
MW-1

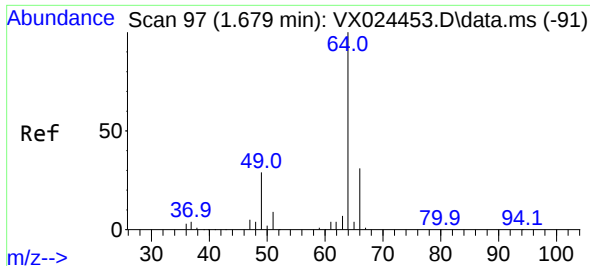
Tgt Ion:168 Resp: 134376
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 100.0 76.4 114.6

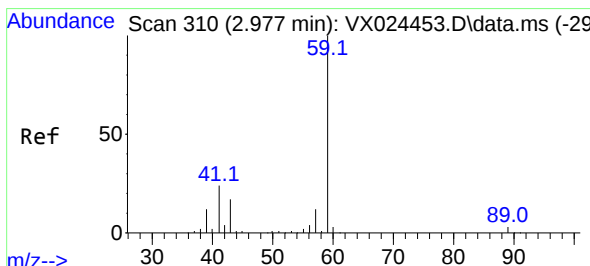
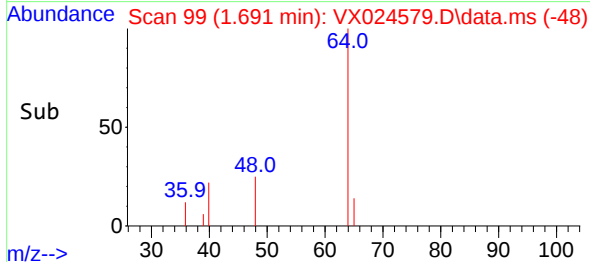
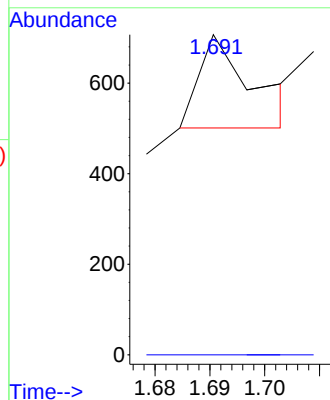
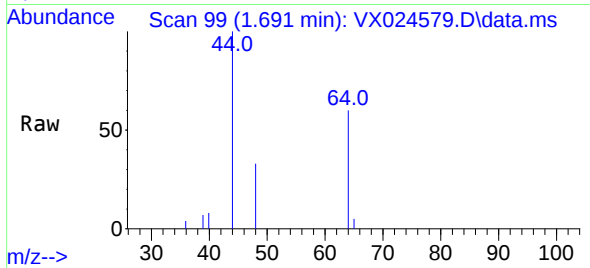




#6
Chloroethane
Concen: 0.417 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

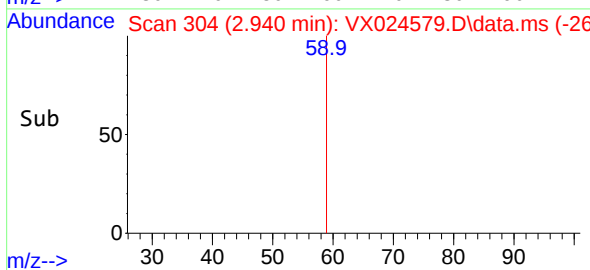
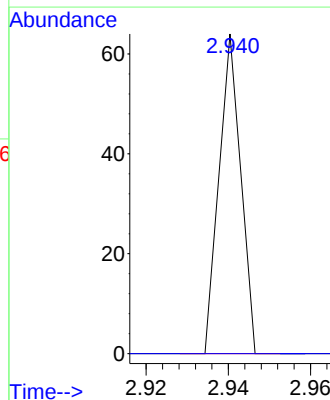
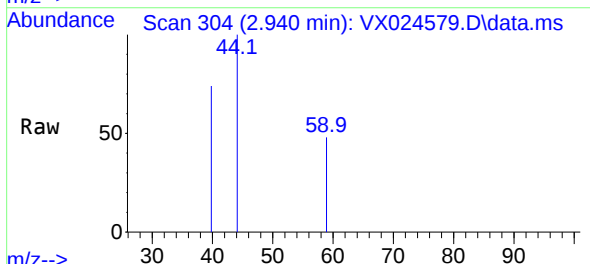
Instrument :
MSVOA_X
ClientSampleId :
MW-1

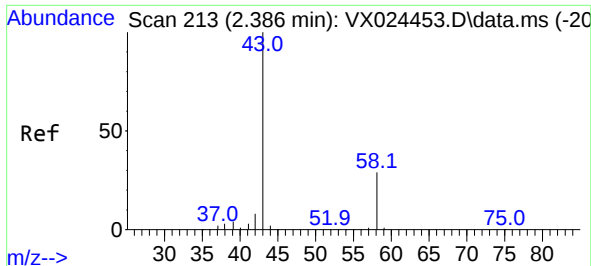
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

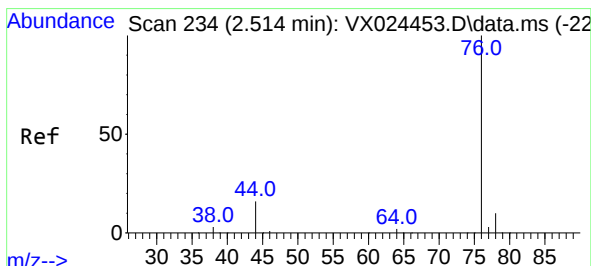
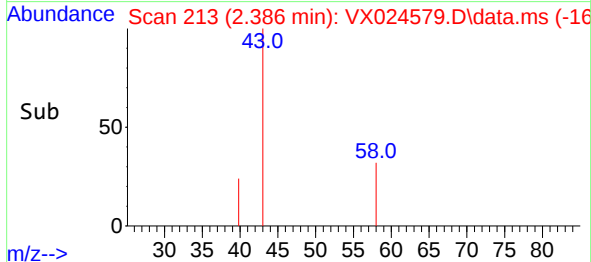
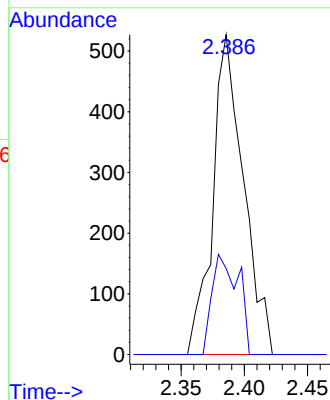
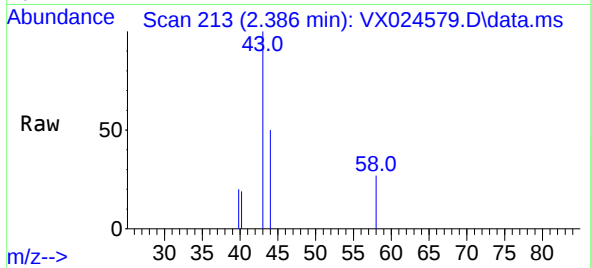




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

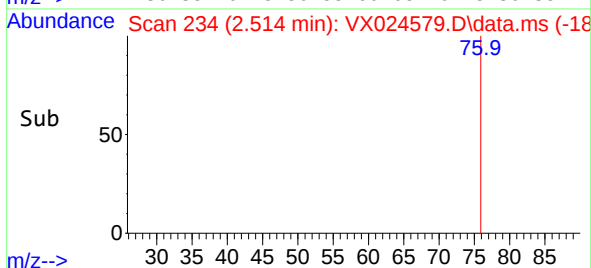
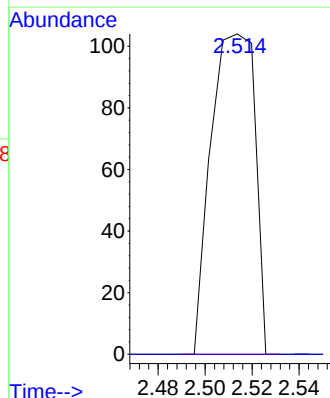
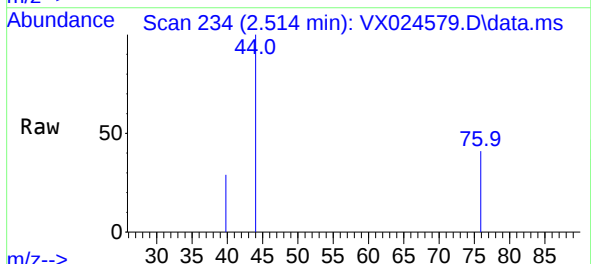
Instrument :
MSVOA_X
ClientSampleId :
MW-1

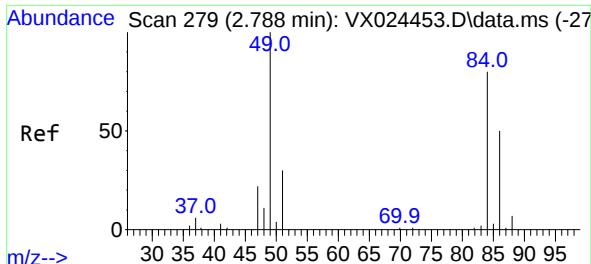
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 26.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 76 Resp: 135
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



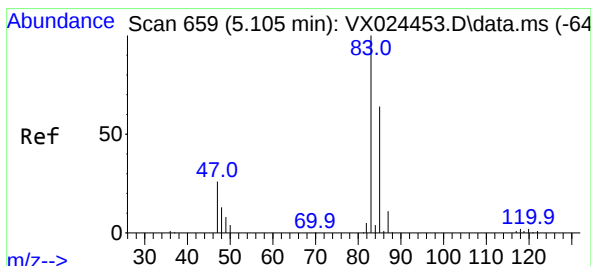
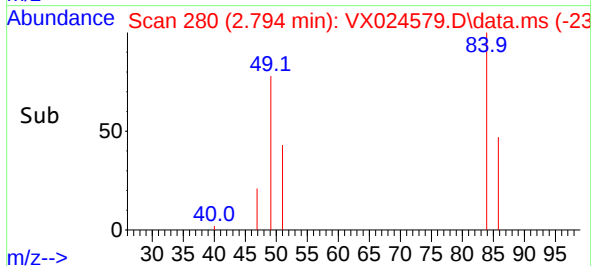
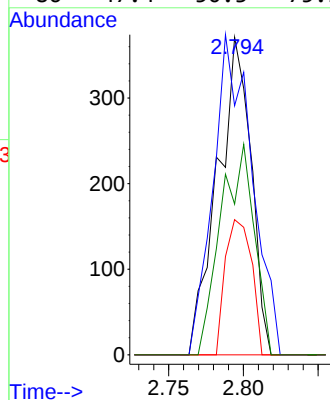
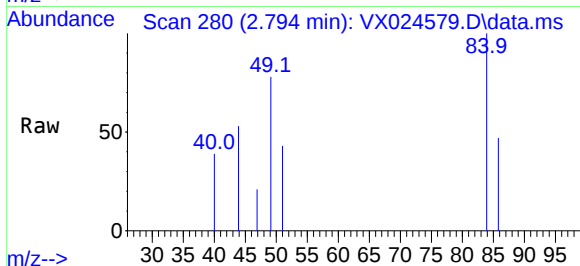


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 84 Resp: 577

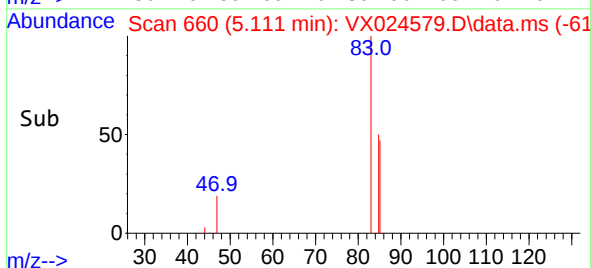
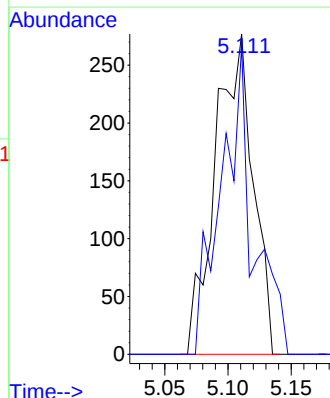
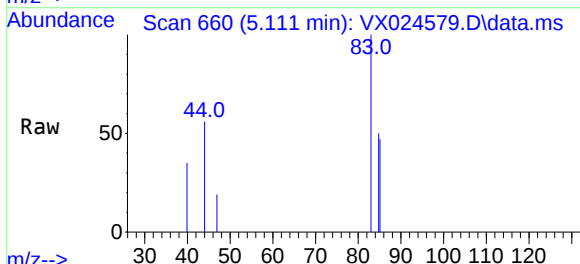
Ion	Ratio	Lower	Upper
84	100		
49	78.4	88.6	132.8#
51	42.6	27.0	40.6#
86	47.4	50.3	75.5#

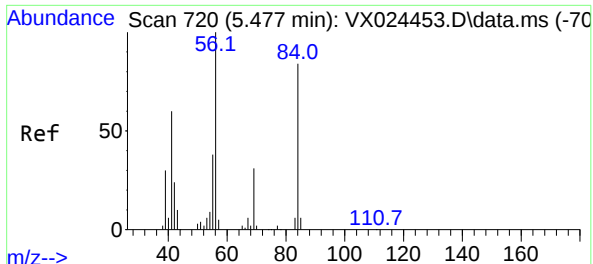


#30
Chloroform
Concen: 0.204 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 83 Resp: 576

Ion	Ratio	Lower	Upper
83	100		
85	96.4	52.0	78.0#

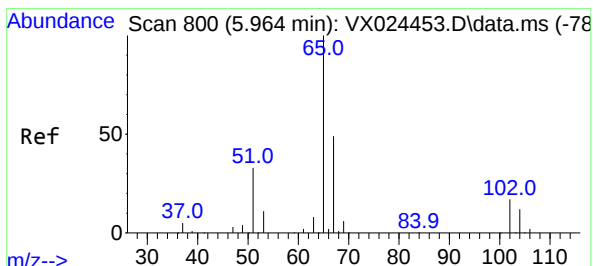
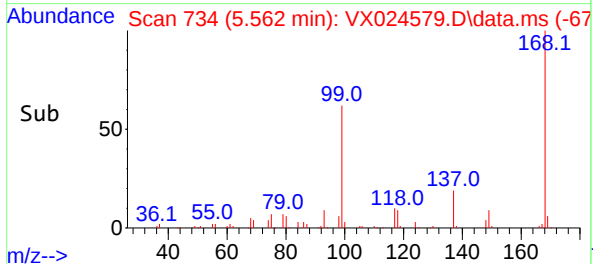
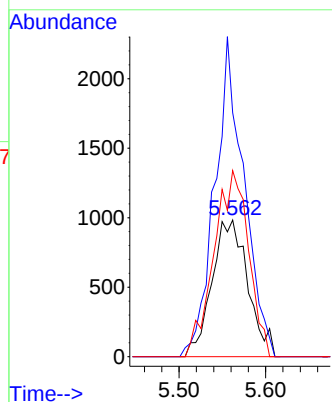
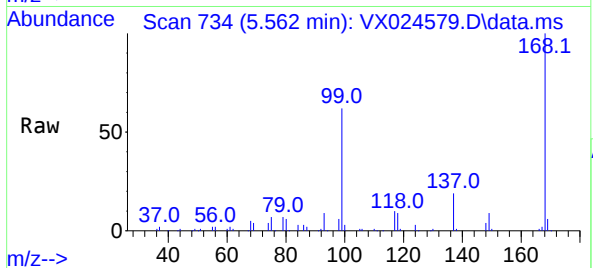




#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

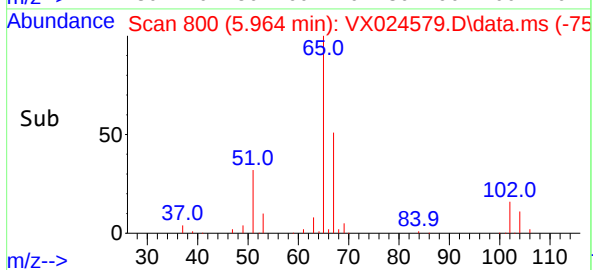
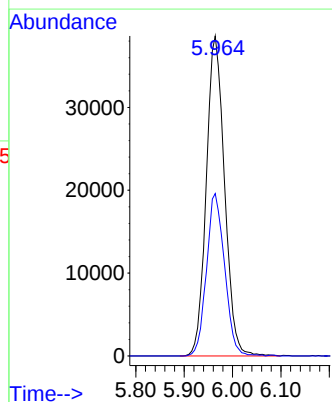
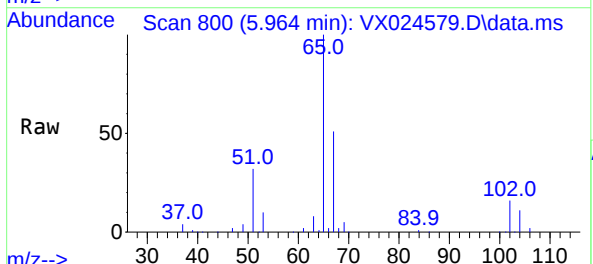
Instrument :
MSVOA_X
ClientSampled :
MW-1

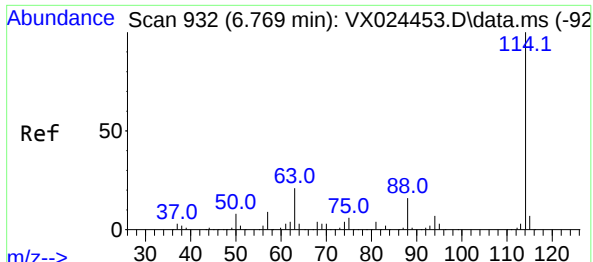
Tgt Ion: 56 Resp: 2833
Ion Ratio Lower Upper
56 100
69 178.5 25.3 37.9#
84 136.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.504 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 65 Resp: 101329
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

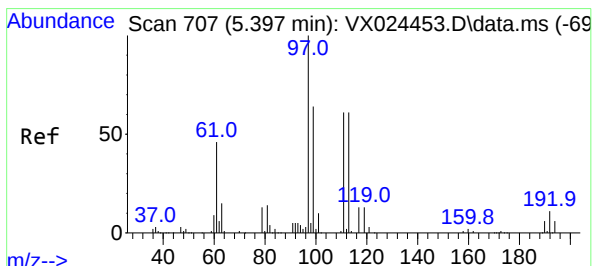
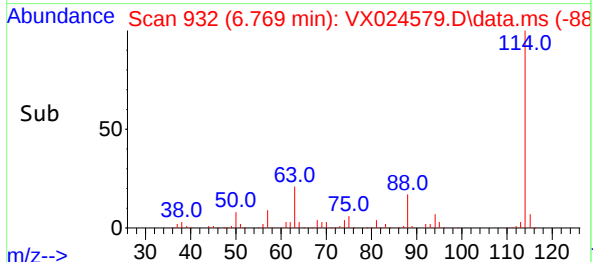
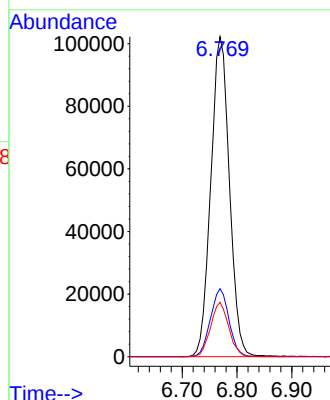
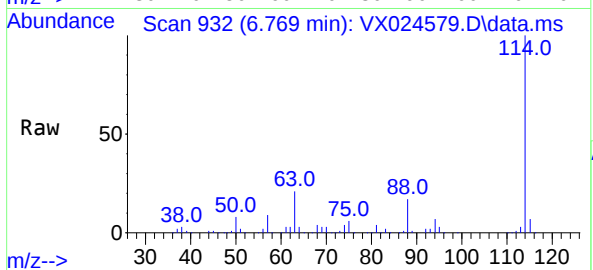




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

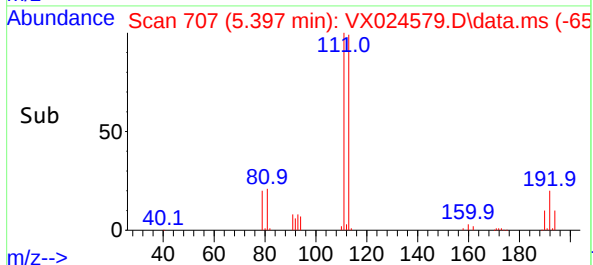
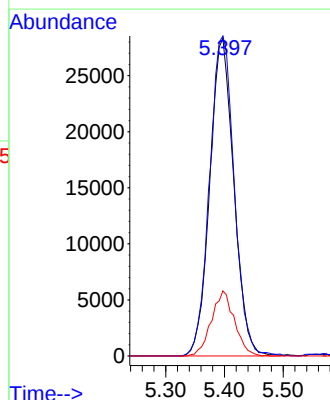
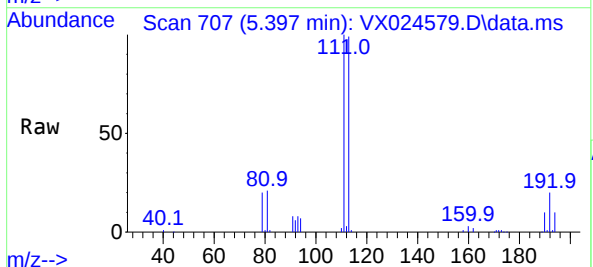
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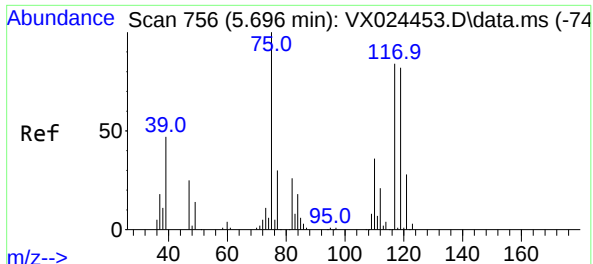
Tgt Ion:114 Resp: 240641
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.362 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion:113 Resp: 80511
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.6 16.7 25.1



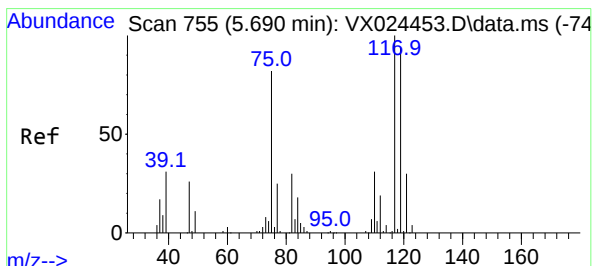
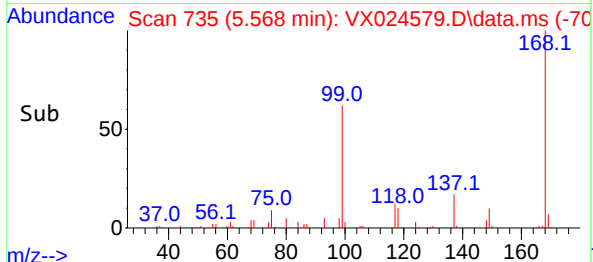
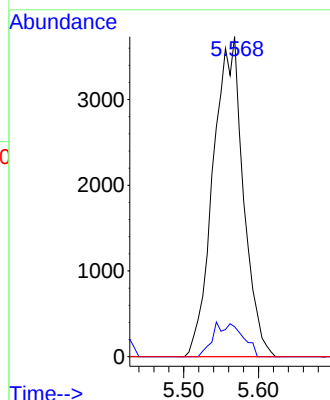
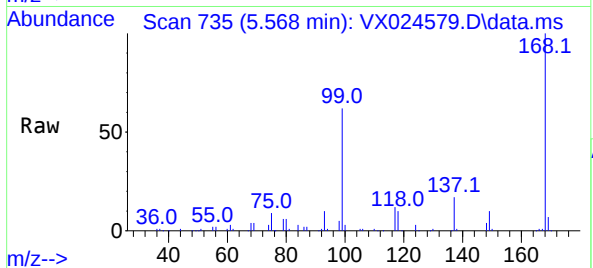


#36

1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1

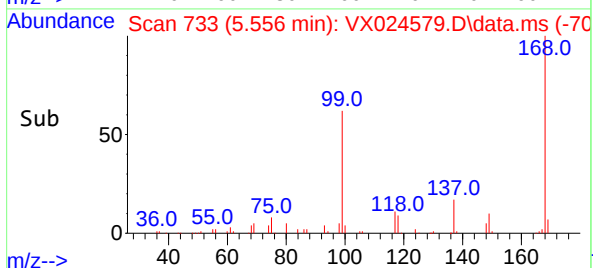
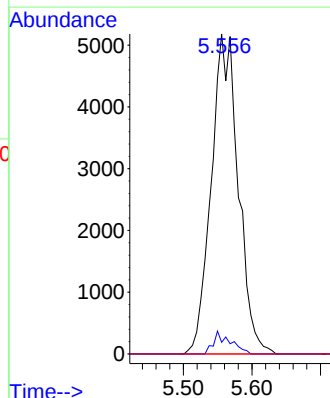
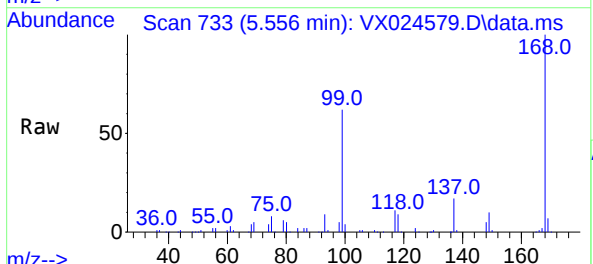
Tgt Ion:	75	Resp:	10447
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	25.3	37.9#

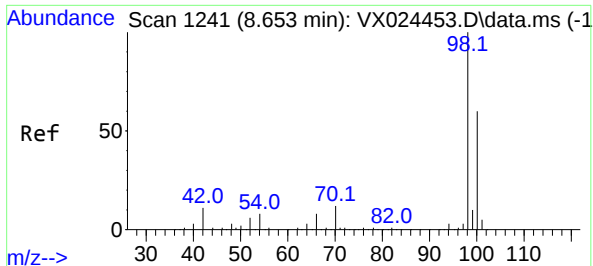


#38

Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion:	117	Resp:	14197
Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.2	114.2#
121	0.0	24.8	37.2#

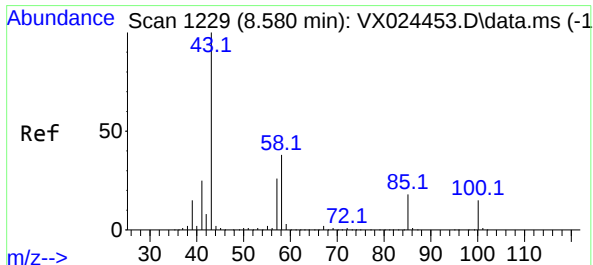
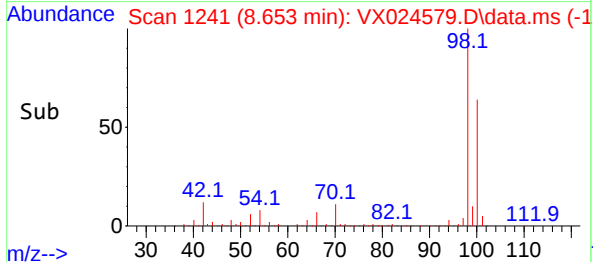
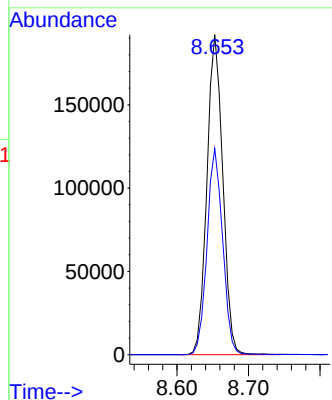
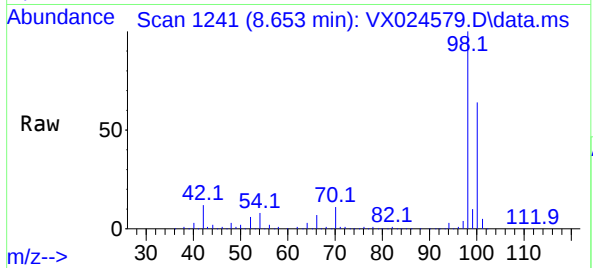




#50
Toluene-d8
Concen: 50.308 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

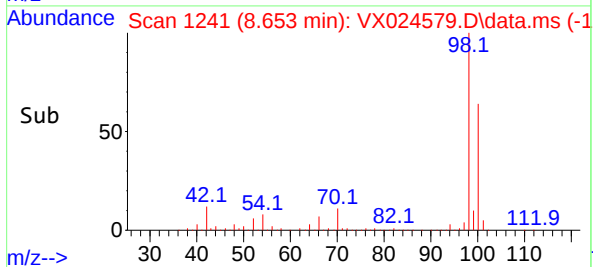
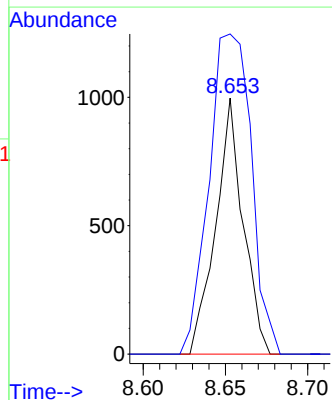
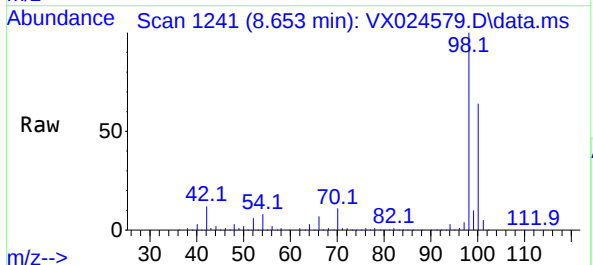
Instrument :
MSVOA_X
ClientSampled :
MW-1

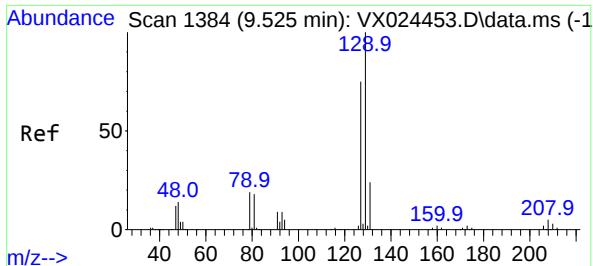
Tgt Ion: 98 Resp: 296006
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.400 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 193.1 35.4 53.0#

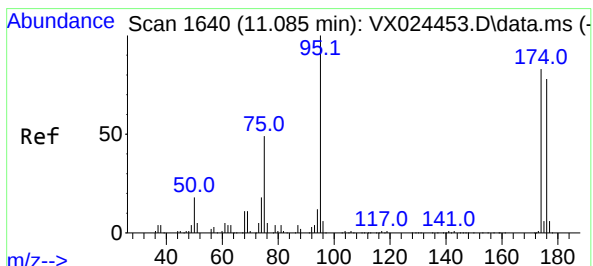
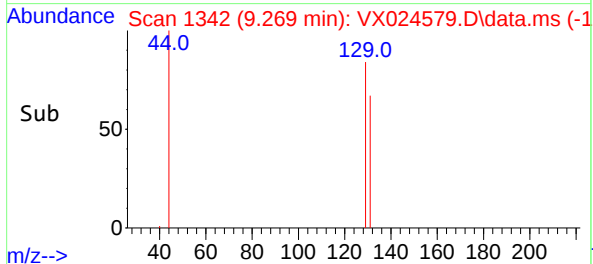
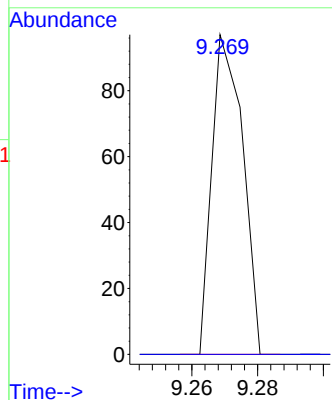
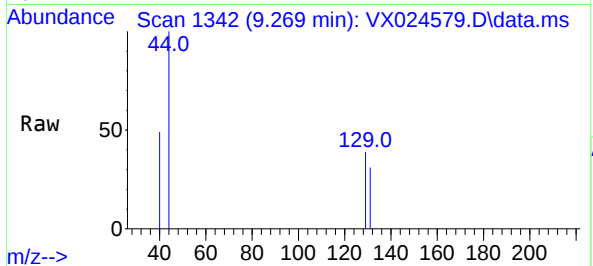




#60
Dibromochloromethane
Concen: 1.218 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

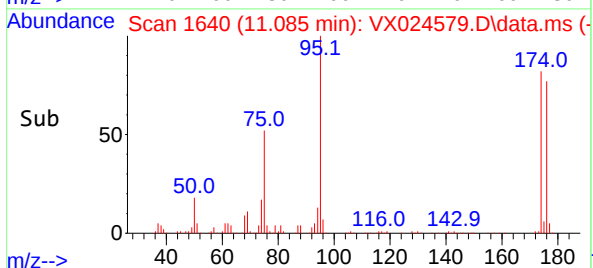
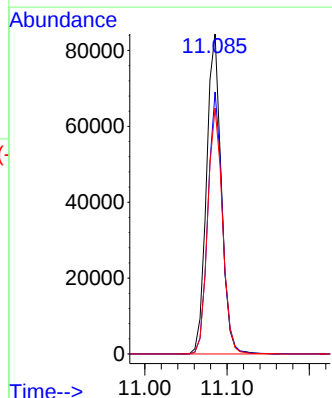
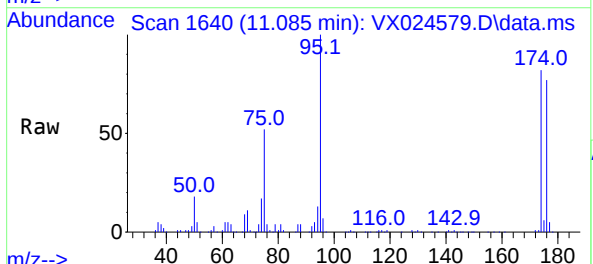
Instrument :
MSVOA_X
ClientSampled :
MW-1

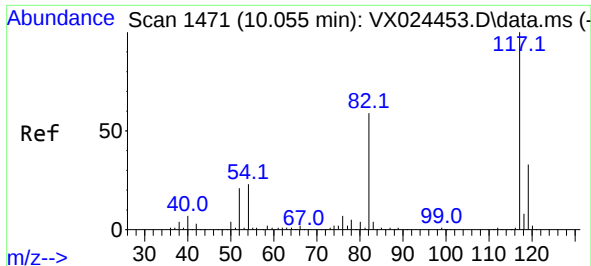
Tgt Ion:129 Resp: 63
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.444 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 95 Resp: 105131
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 77.1 0.0 155.8

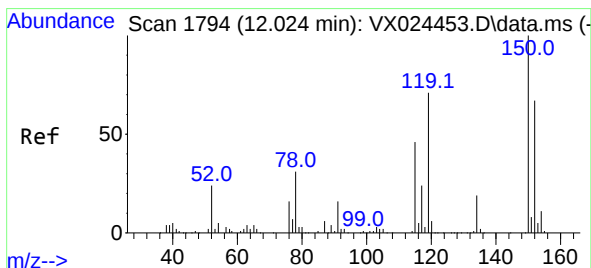
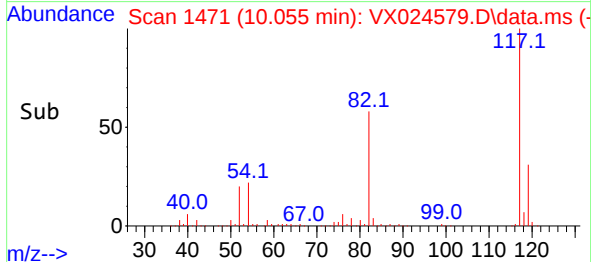
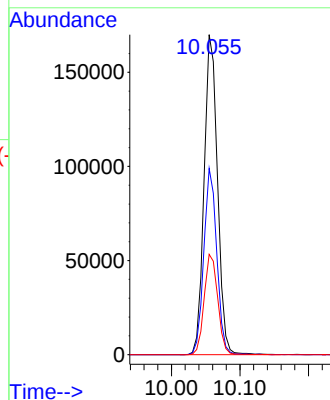
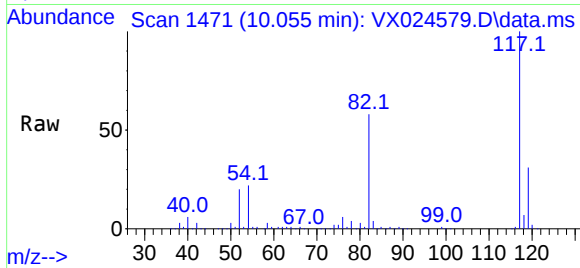




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

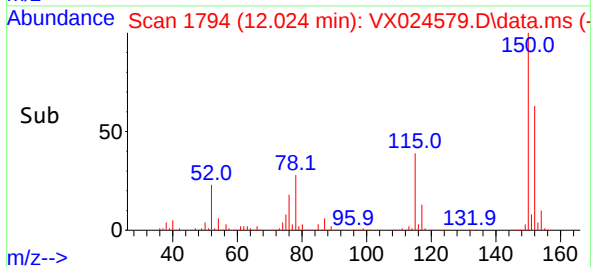
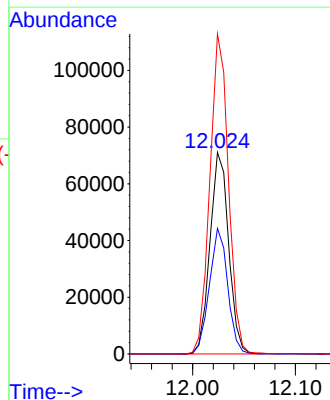
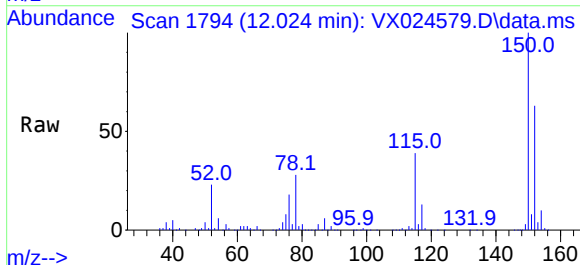
Instrument :
MSVOA_X
ClientSampled :
MW-1

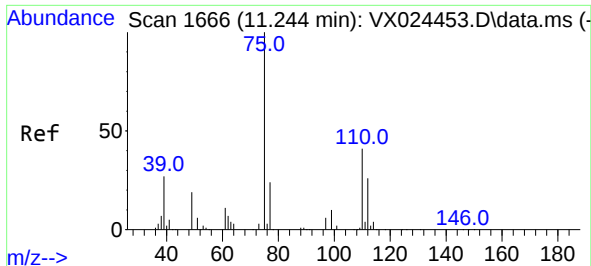
Tgt Ion:117 Resp: 231689
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion:152 Resp: 89829
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 157.7 0.0 349.0

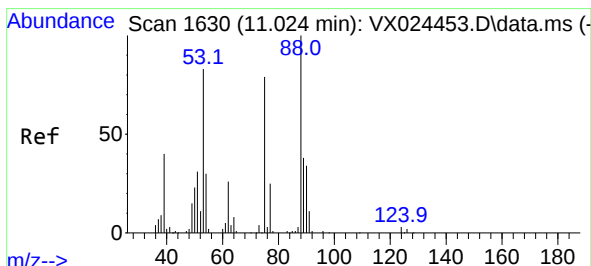
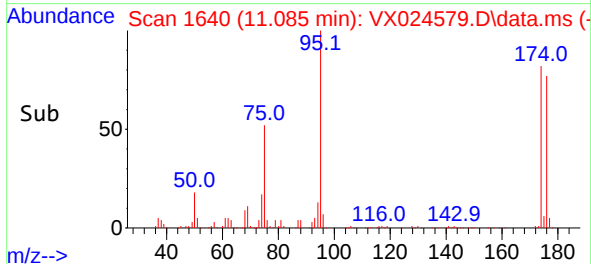
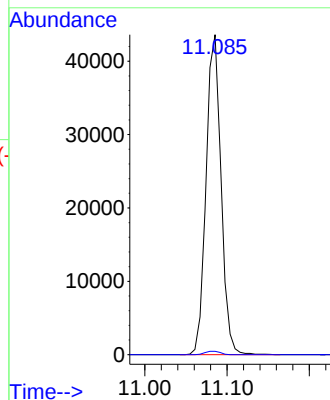
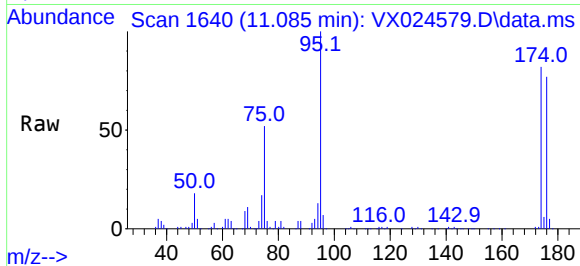




#76
1,2,3-Trichloropropane
Concen: 27.009 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion: 75 Resp: 55098
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.498 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024579.D
Acq: 05 Oct 2021 18:23

Tgt Ion: 75 Resp: 55098
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

