

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024481.D
 Acq On : 24 Sep 2021 04:38
 Operator : JC/MD
 Sample : M3829-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D-20210918

Quant Time: Sep 24 07:44:12 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)

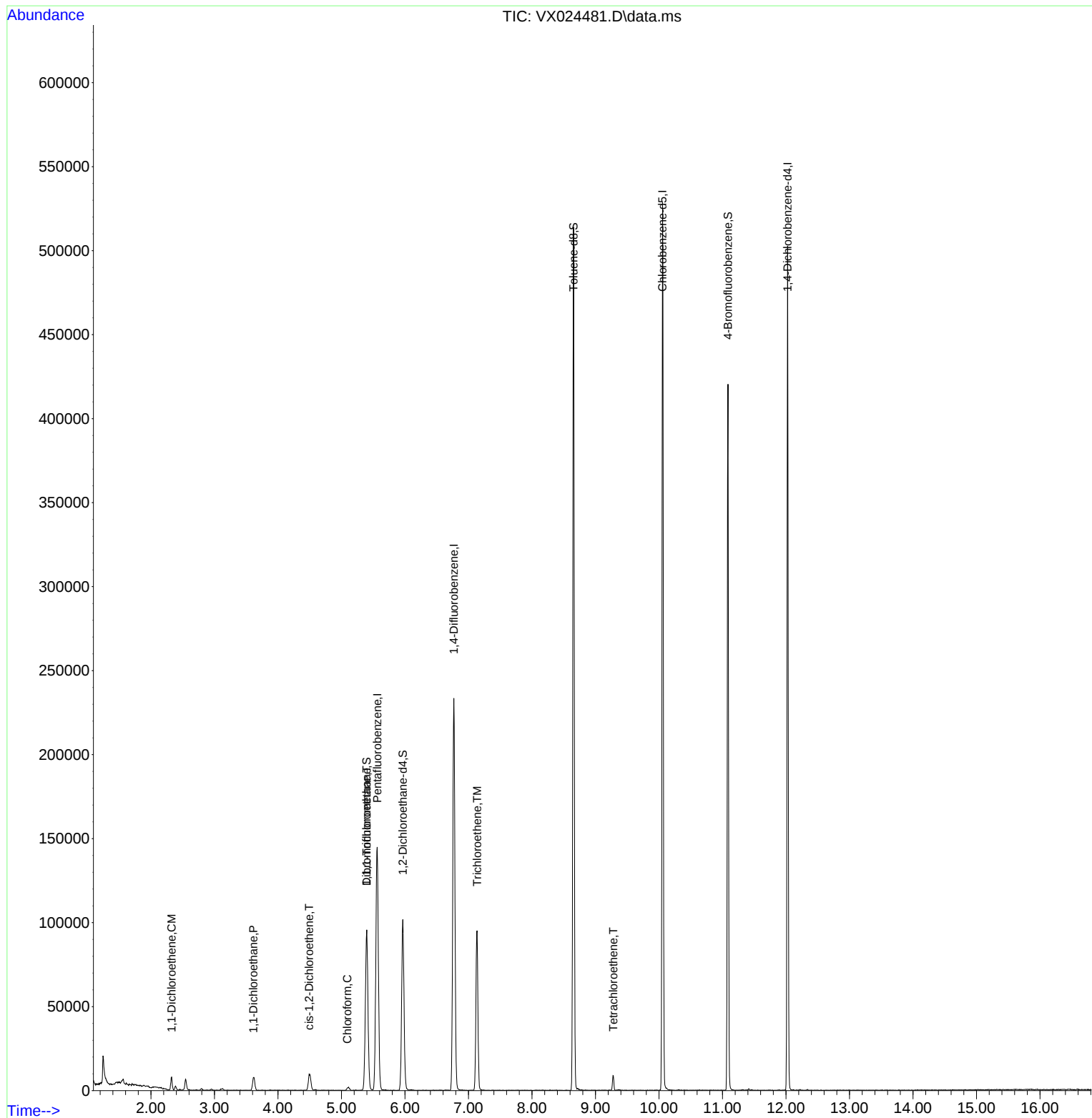
Internal Standards						
1) Pentafluorobenzene	5.562	168	134198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100129	52.940	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.880%		
35) Dibromofluoromethane	5.397	113	77982	50.490	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.980%		
50) Toluene-d8	8.653	98	289411	50.912	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.820%		
62) 4-Bromofluorobenzene	11.085	95	114428	51.197	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.400%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.325	96	2296	1.866	ug/l	90
24) 1,1-Dichloroethane	3.611	63	9827	3.852	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	6270	3.840	ug/l	92
30) Chloroform	5.093	83	2280	0.809	ug/l	93
32) 1,1,1-Trichloroethane	5.397	97	3177	1.270	ug/l #	48
44) Trichloroethene	7.135	130	36337	20.723	ug/l	97
64) Tetrachloroethene	9.281	164	1554	0.926	ug/l	93

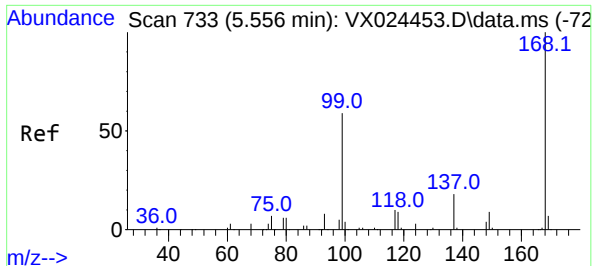
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

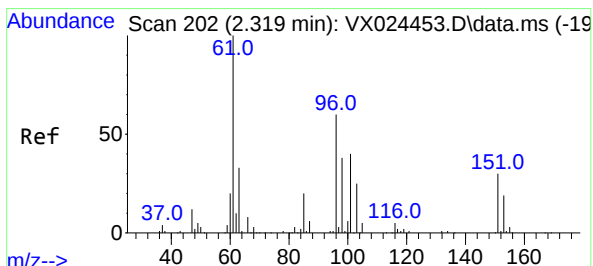
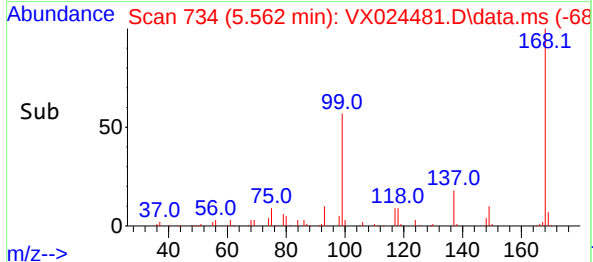
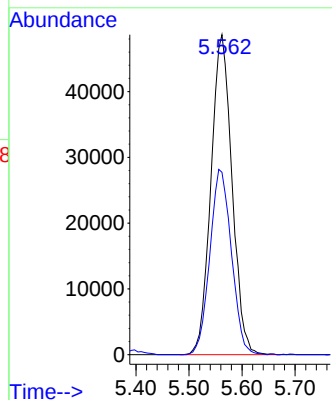
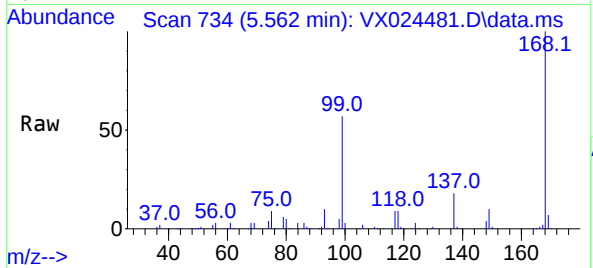




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

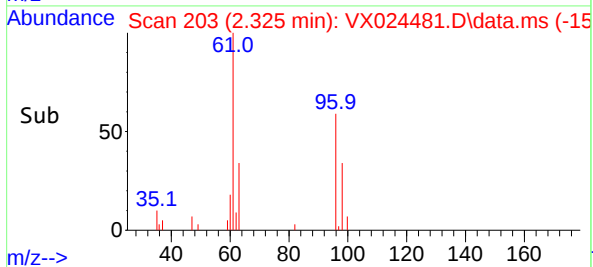
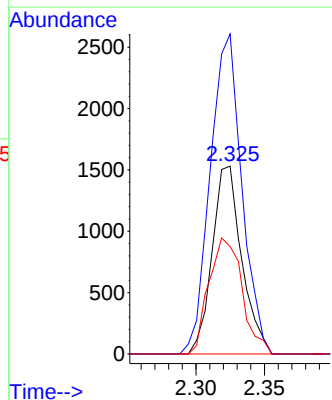
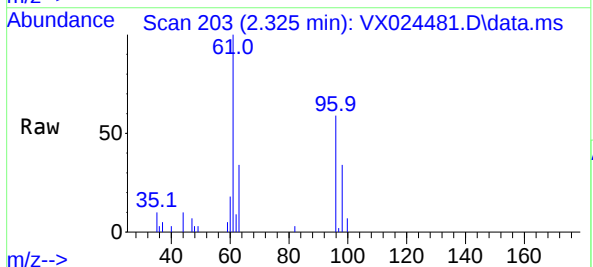
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

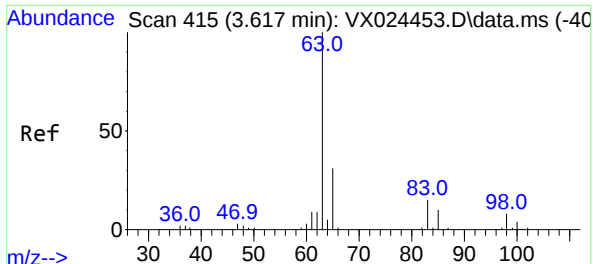
Tgt Ion:168 Resp: 134198
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#12
1,1-Dichloroethene
Concen: 1.866 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 96 Resp: 2296
Ion Ratio Lower Upper
96 100
61 170.3 124.6 187.0
98 57.3 50.6 76.0



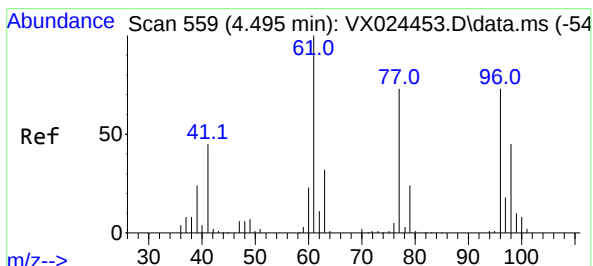
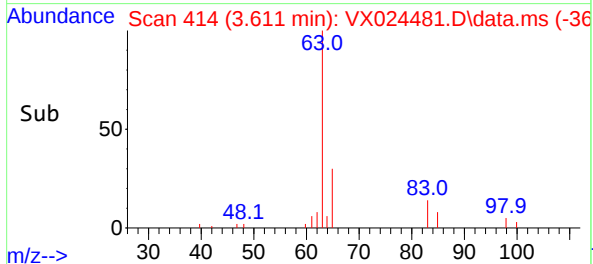
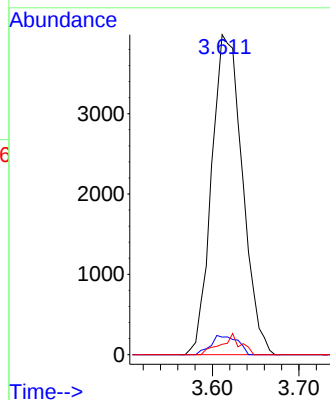
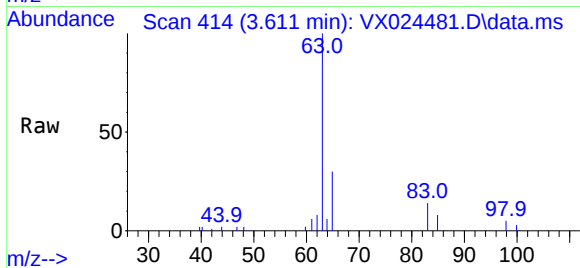


#24
1,1-Dichloroethane
Concen: 3.852 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

Tgt Ion: 63 Resp: 9827

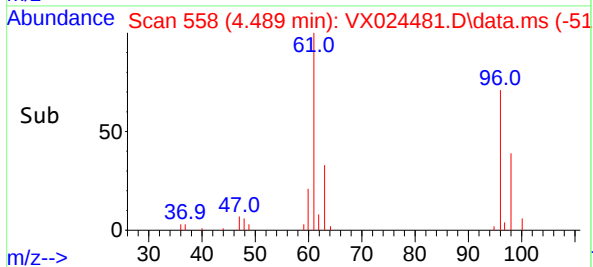
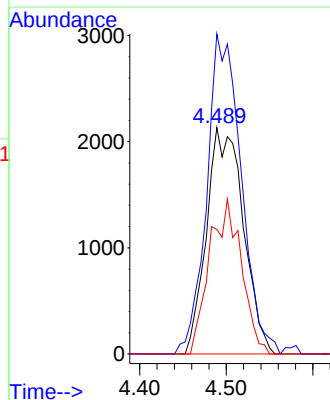
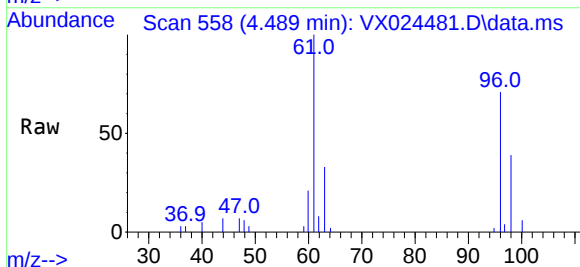
Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.8	11.2
100	3.3	2.5	7.5

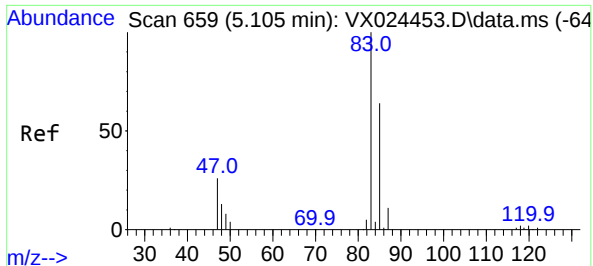


#27
cis-1,2-Dichloroethene
Concen: 3.840 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 96 Resp: 6270

Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	285.6
98	59.6	0.0	129.6





#30

Chloroform

Concen: 0.809 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX024481.D

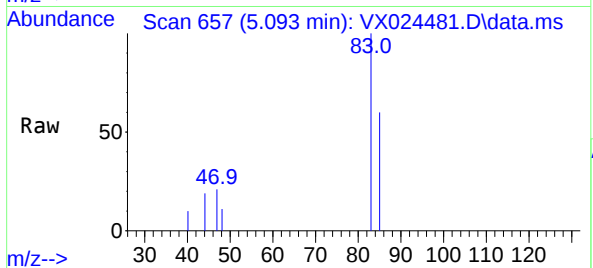
Acq: 24 Sep 2021 04:38

Tgt Ion: 83 Resp: 2280

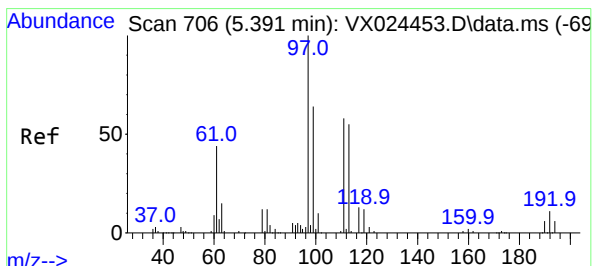
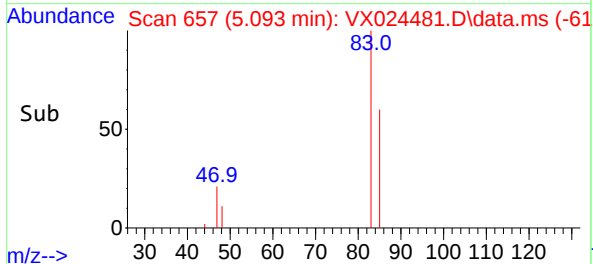
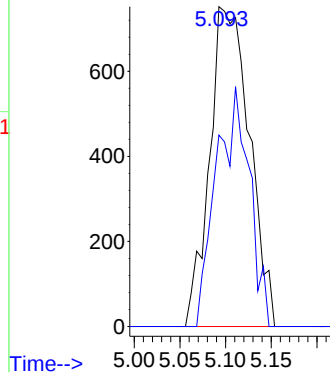
Ion Ratio Lower Upper

83 100

85 59.8 52.0 78.0



Abundance



#32

1,1,1-Trichloroethane

Concen: 1.270 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX024481.D

Acq: 24 Sep 2021 04:38

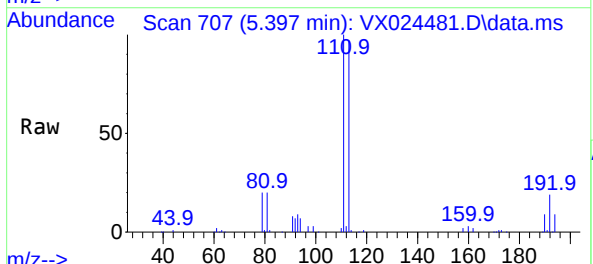
Tgt Ion: 97 Resp: 3177

Ion Ratio Lower Upper

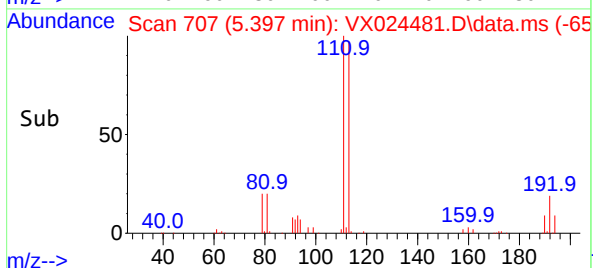
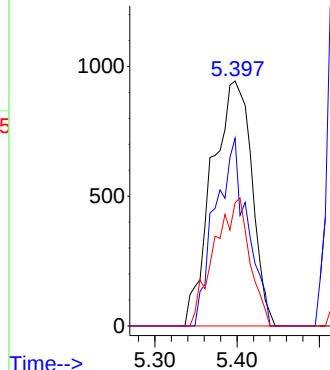
97 100

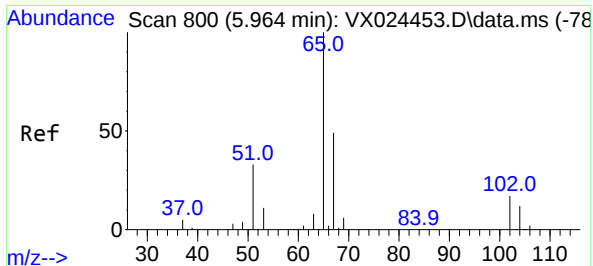
99 0.0 51.5 77.3#

61 46.3 34.2 51.4



Abundance



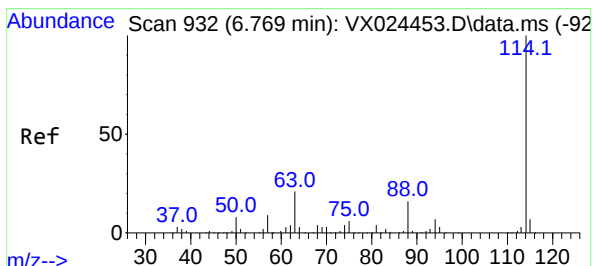
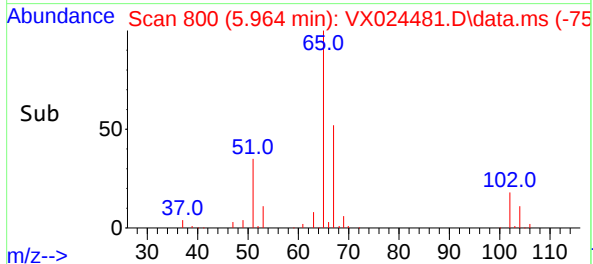
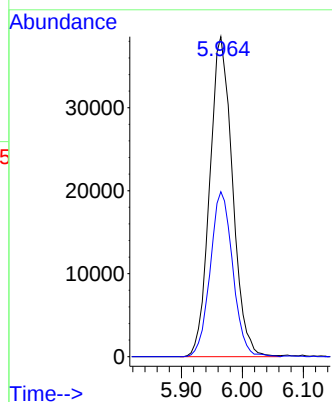
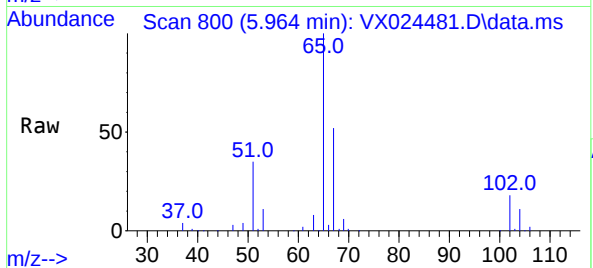


#33

1,2-Dichloroethane-d4
Concen: 52.940 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Instrument :
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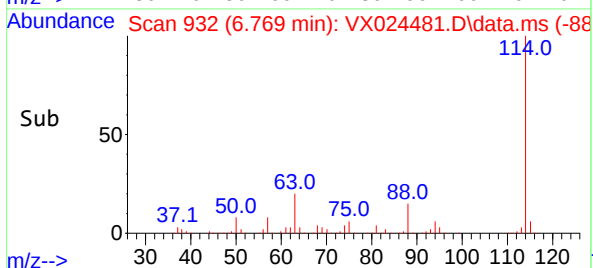
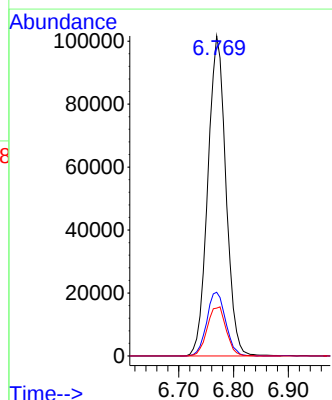
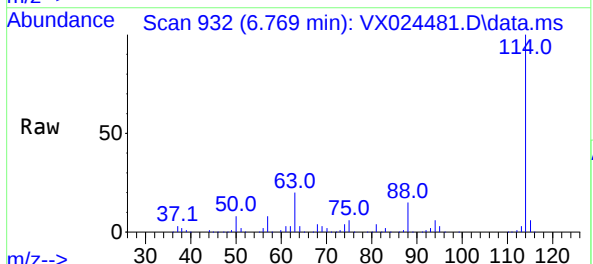
Tgt Ion: 65 Resp: 100129
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

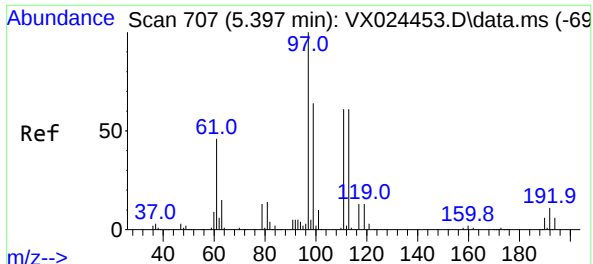


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 114 Resp: 232491
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 14.9 0.0 32.8

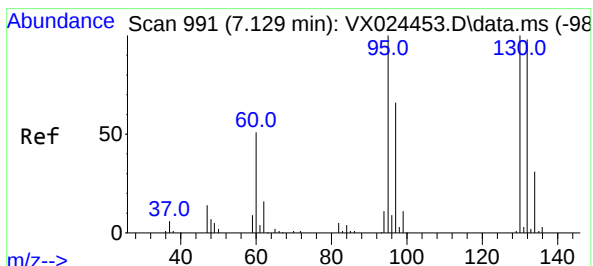
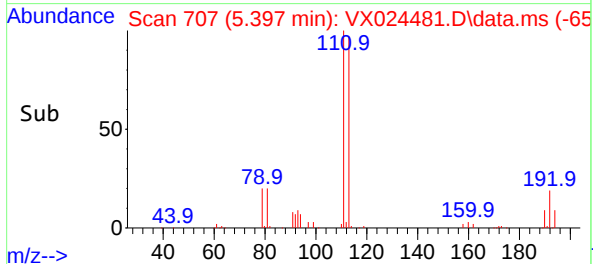
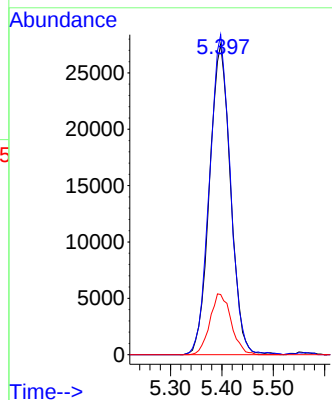
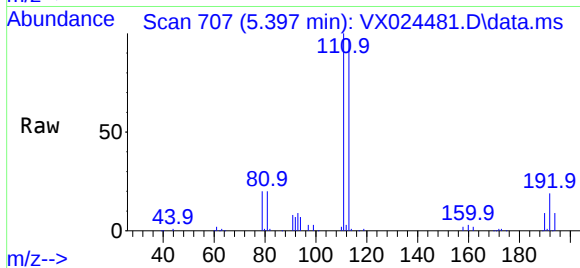




#35
Dibromofluoromethane
Concen: 50.490 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

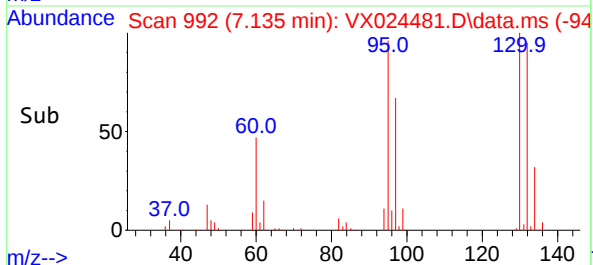
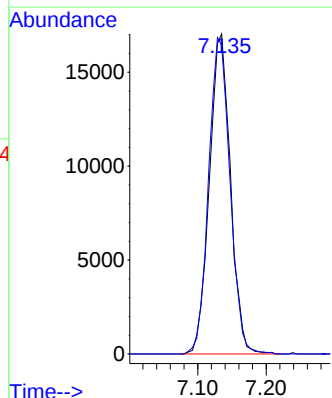
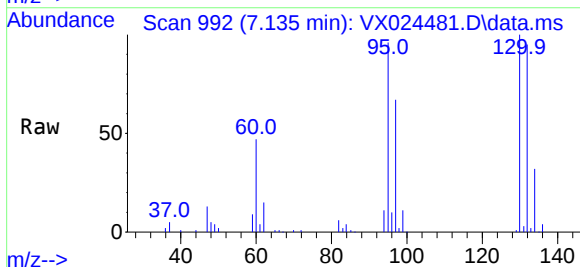
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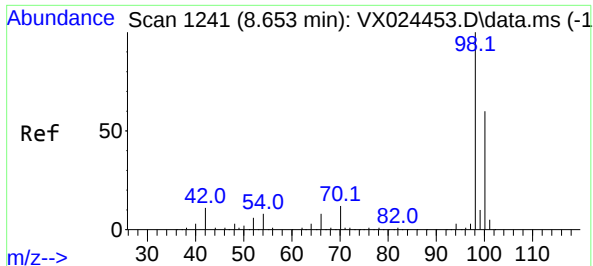
Tgt Ion:113 Resp: 77982
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.9 16.7 25.1



#44
Trichloroethene
Concen: 20.723 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion:130 Resp: 36337
Ion Ratio Lower Upper
130 100
95 96.4 0.0 198.0

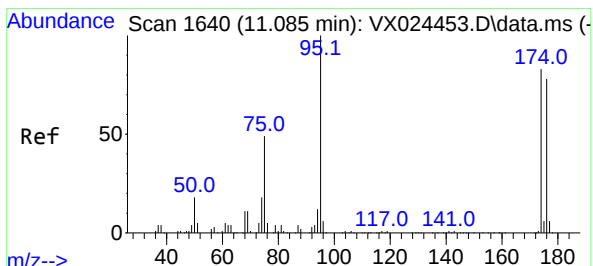
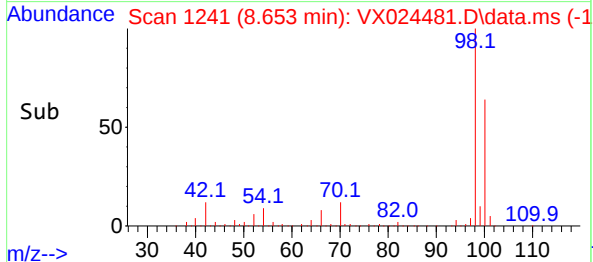
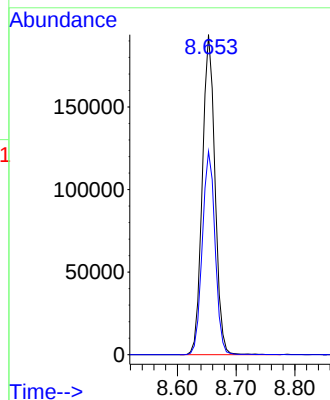
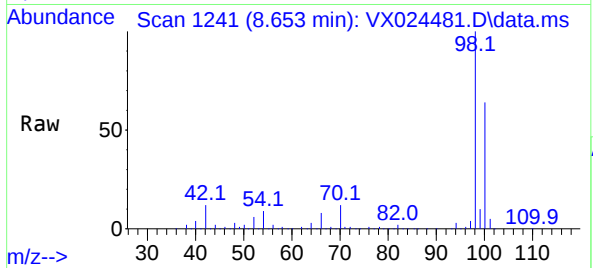




#50
Toluene-d8
Concen: 50.912 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

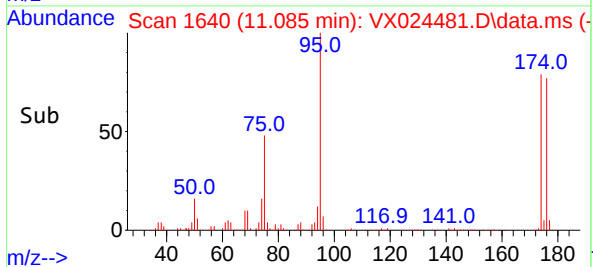
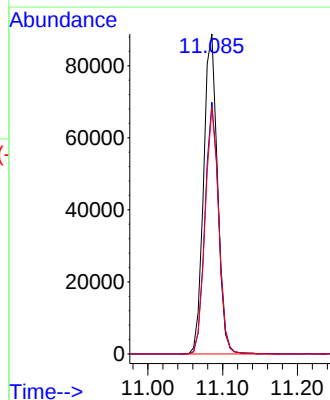
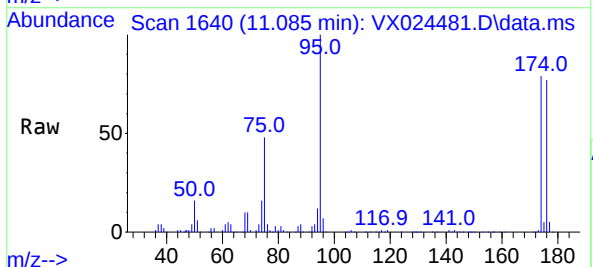
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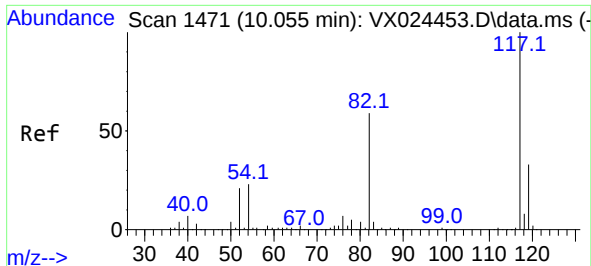
Tgt Ion: 98 Resp: 289411
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.197 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 95 Resp: 114428
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 75.1 0.0 155.8

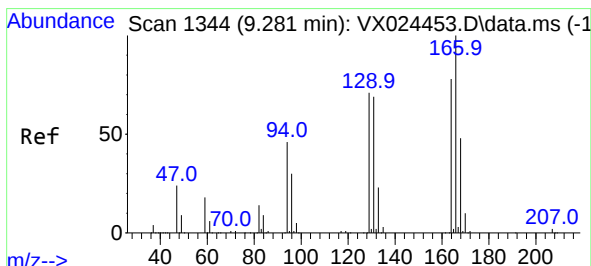
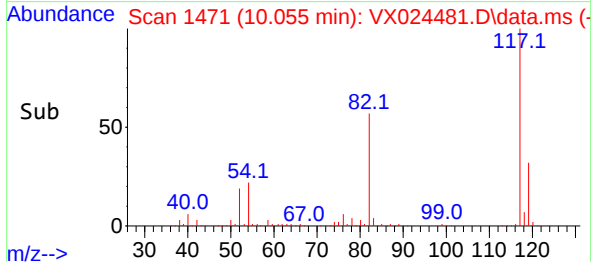
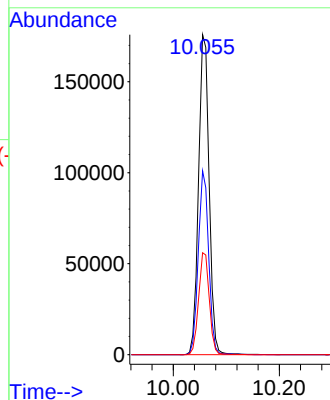
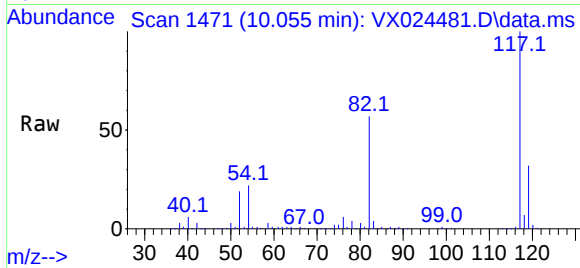




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

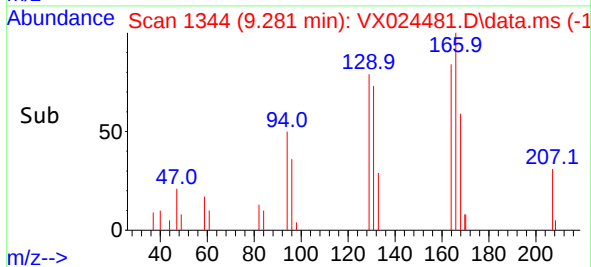
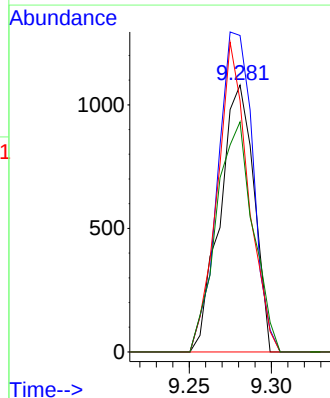
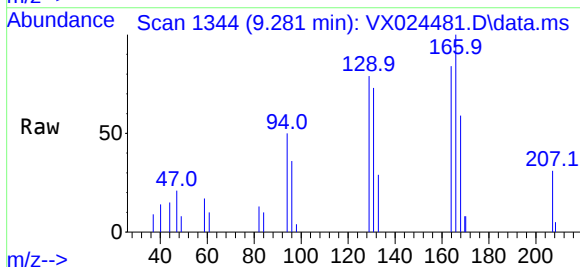
Instrument :
MSVOA_X
ClientSampleId :
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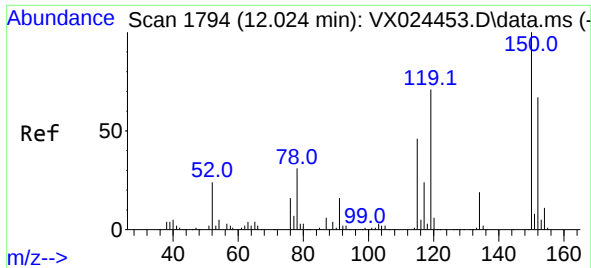
Tgt Ion:117 Resp: 242367
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 0.926 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion:164 Resp: 1554
Ion Ratio Lower Upper
164 100
166 118.6 103.4 155.2
129 94.2 70.8 106.2
131 86.2 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024481.D
 Acq: 24 Sep 2021 04:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D-20210918

Tgt Ion:152 Resp: 101355
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 158.0 0.0 349.0

