

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023197.D
 Acq On : 08 Jul 2021 14:18
 Operator : JC/MD
 Sample : M2953-02DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-070621DL

Quant Time: Jul 09 02:10:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

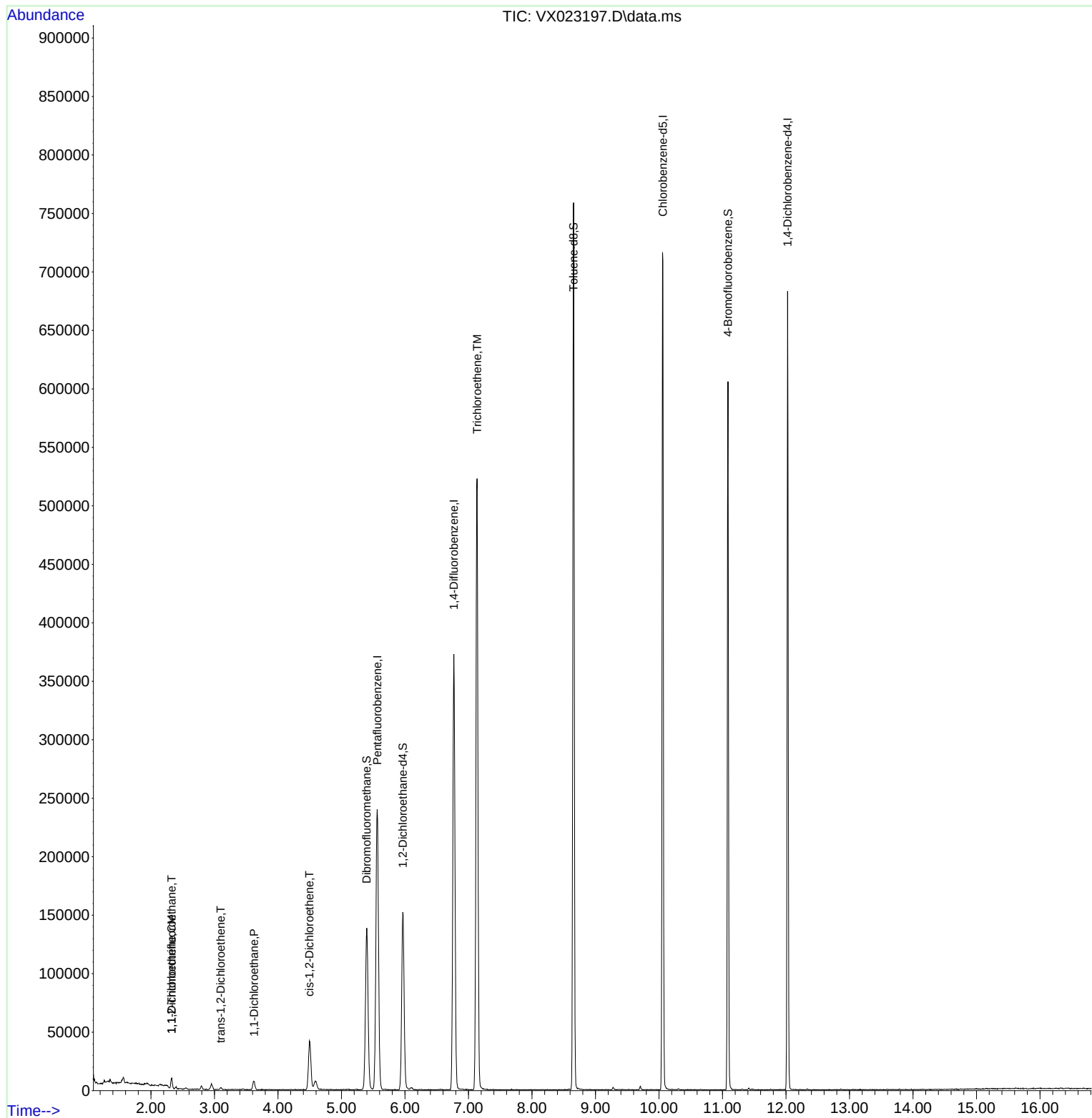
Internal Standards						
1) Pentafluorobenzene	5.562	168	224954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	368950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	329695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154727	51.177	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.360%		
35) Dibromofluoromethane	5.397	113	118532	49.751	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.500%		
50) Toluene-d8	8.653	98	441554	49.683	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.360%		
62) 4-Bromofluorobenzene	11.085	95	156584	45.638	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.280%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	579	0.266	ug/l #	82
12) 1,1-Dichloroethene	2.325	96	2544	1.269	ug/l	86
21) trans-1,2-Dichloroethene	3.099	96	772	0.356	ug/l #	68
24) 1,1-Dichloroethane	3.623	63	8669	2.089	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	26207	9.991	ug/l	93
44) Trichloroethene	7.135	130	200078	73.858	ug/l	98

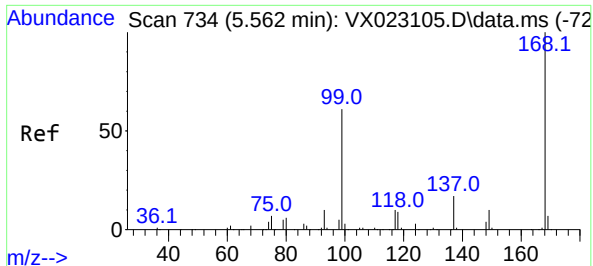
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

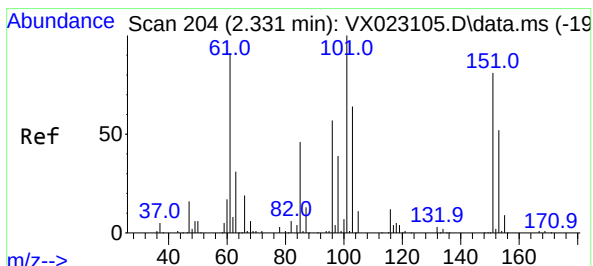
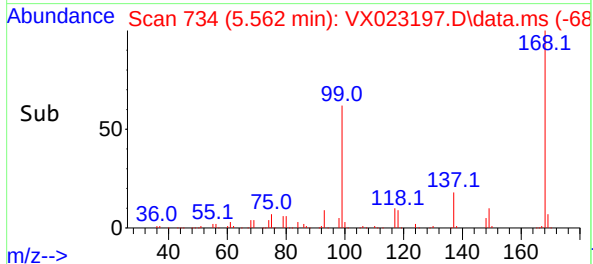
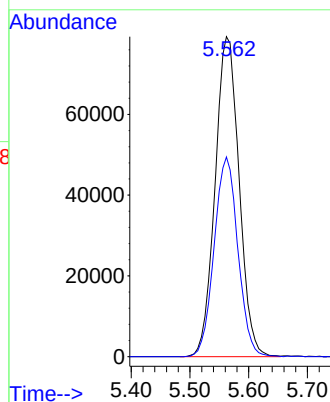
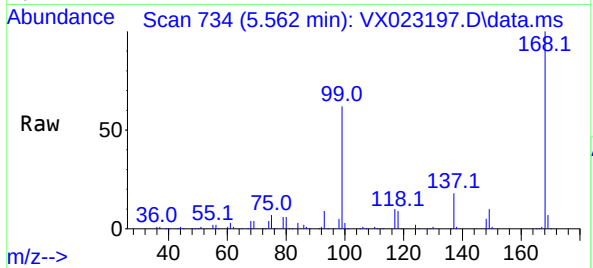




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

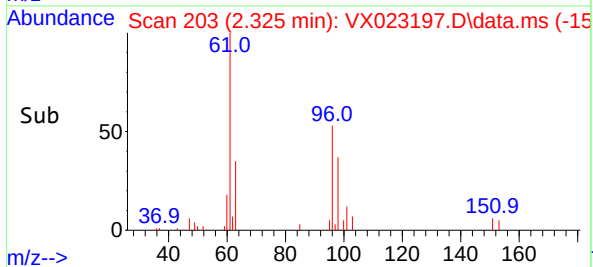
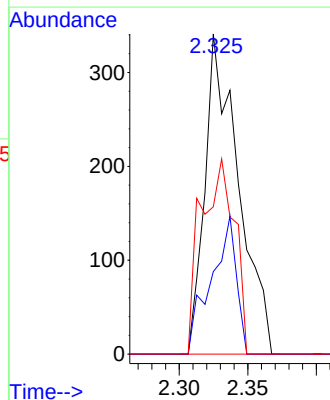
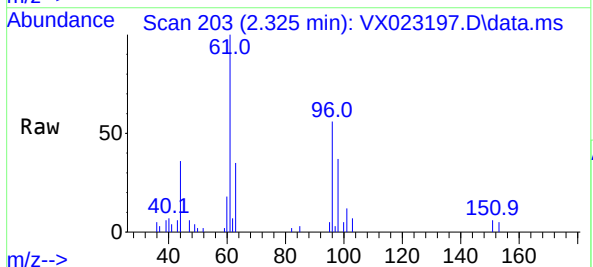
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621DL

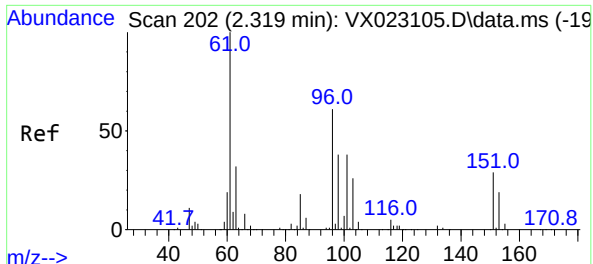
Tgt Ion:168 Resp: 224954
Ion Ratio Lower Upper
168 100
99 62.4 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.266 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

Tgt Ion:101 Resp: 579
Ion Ratio Lower Upper
101 100
85 32.5 34.9 52.3#
151 61.0 61.4 92.2#





#12

1,1-Dichloroethene

Concen: 1.269 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

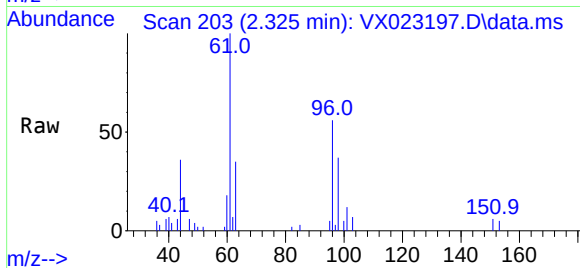
Lab File: VX023197.D

Acq: 08 Jul 2021 14:18

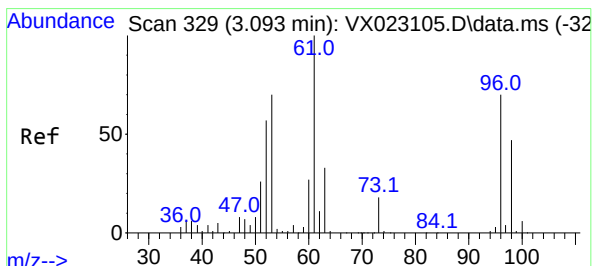
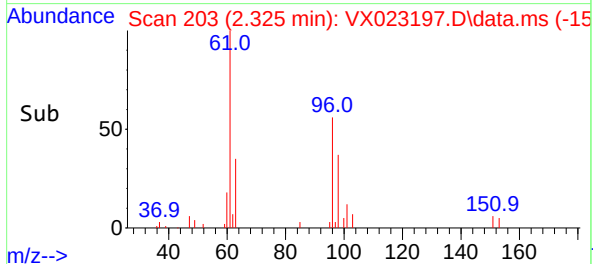
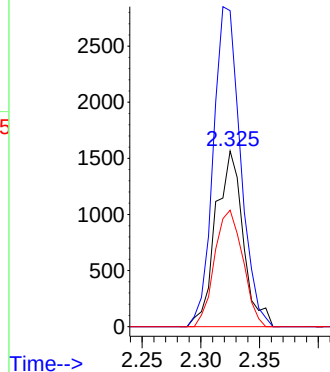
Tgt Ion: 96 Resp: 2544

Ion	Ratio	Lower	Upper
96	100		
61	179.8	124.6	187.0
98	66.3	50.6	76.0

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621DL



Abundance



#21

trans-1,2-Dichloroethene

Concen: 0.356 ug/l

RT: 3.099 min Scan# 330

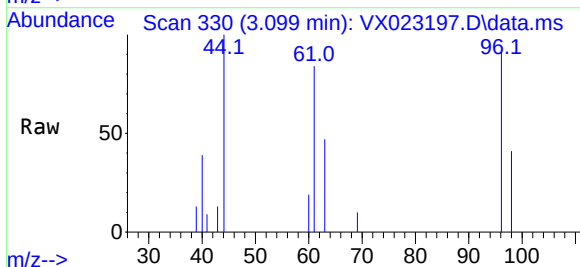
Delta R.T. 0.006 min

Lab File: VX023197.D

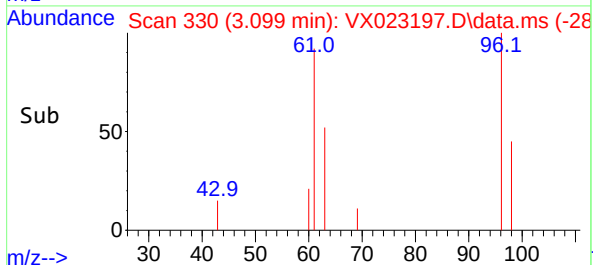
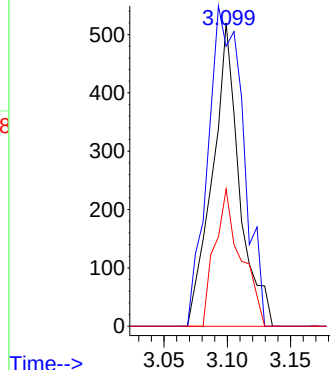
Acq: 08 Jul 2021 14:18

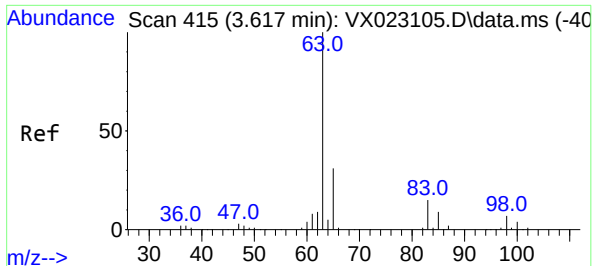
Tgt Ion: 96 Resp: 772

Ion	Ratio	Lower	Upper
96	100		
61	92.3	107.7	161.5#
98	45.2	50.4	75.6#



Abundance

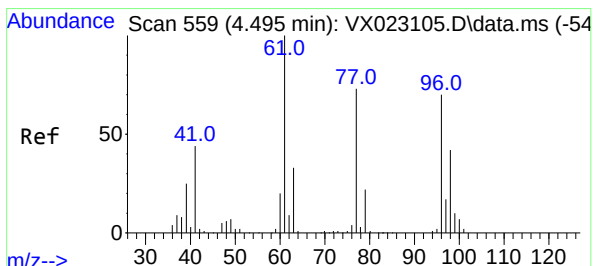
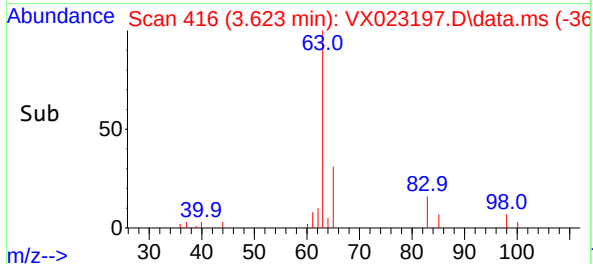
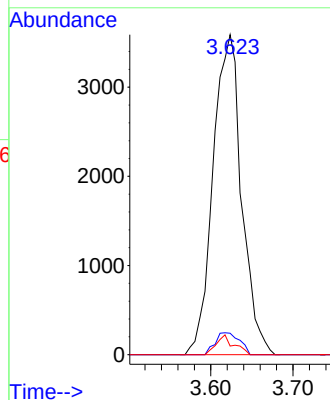
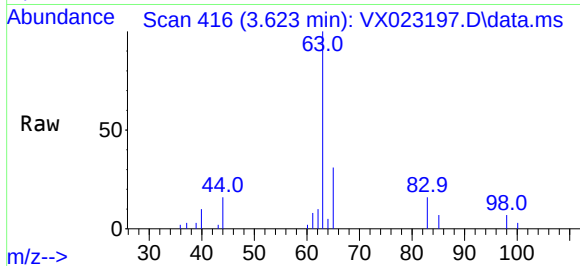




#24
1,1-Dichloroethane
Concen: 2.089 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

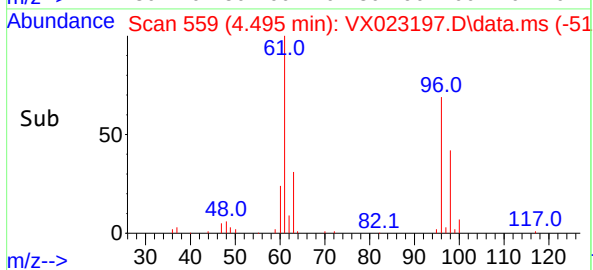
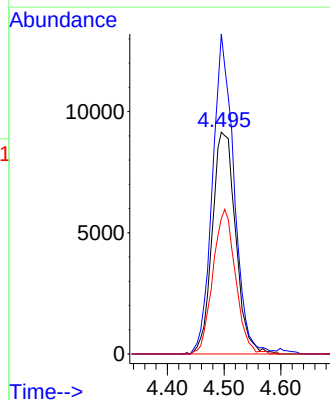
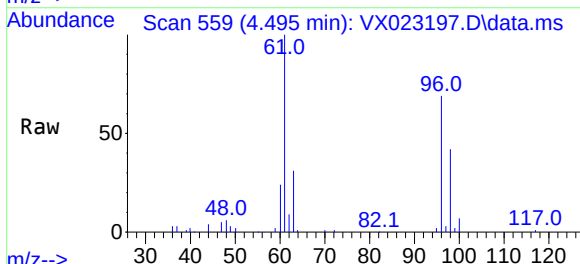
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621DL

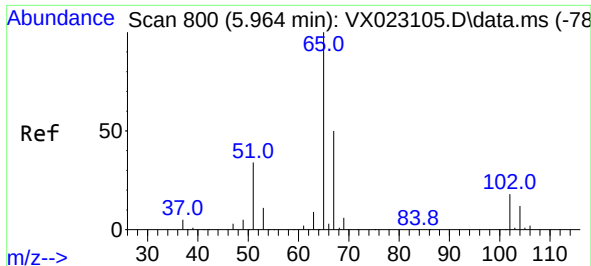
Tgt Ion: 63 Resp: 8669
Ion Ratio Lower Upper
63 100
98 6.7 3.8 11.2
100 2.7 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 9.991 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

Tgt Ion: 96 Resp: 26207
Ion Ratio Lower Upper
96 100
61 132.2 0.0 285.6
98 63.0 0.0 129.6



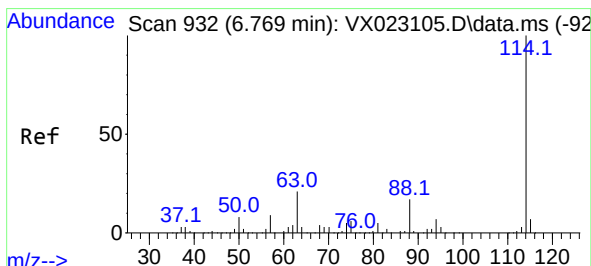
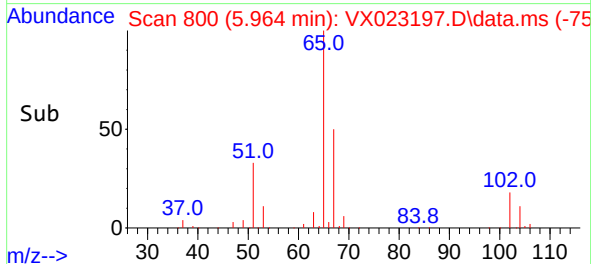
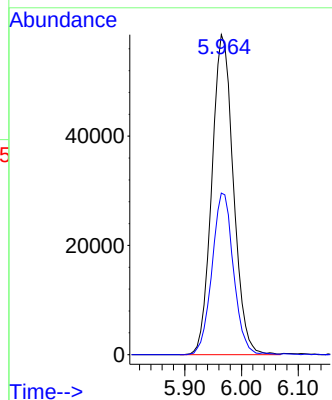
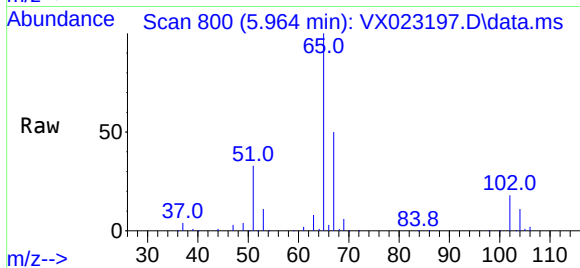


#33

1,2-Dichloroethane-d4
Concen: 51.177 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023197.D
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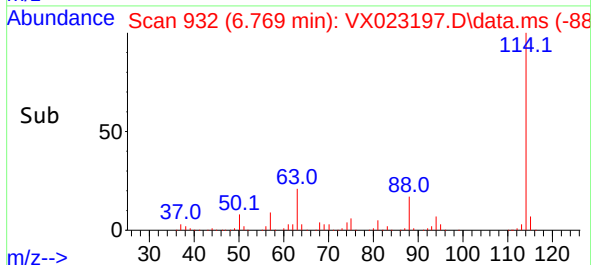
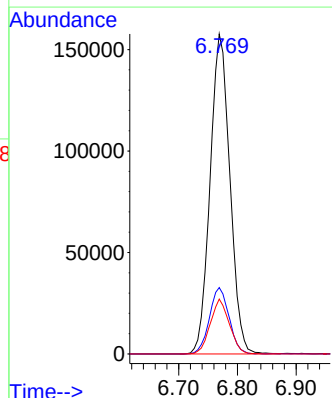
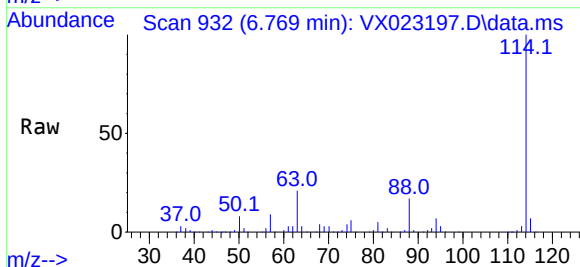
Tgt Ion: 65 Resp: 154727
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

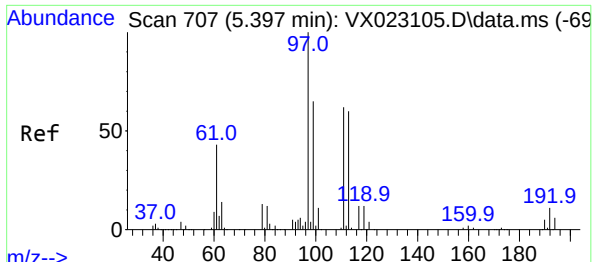


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

Tgt Ion: 114 Resp: 368950
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.1 0.0 32.8

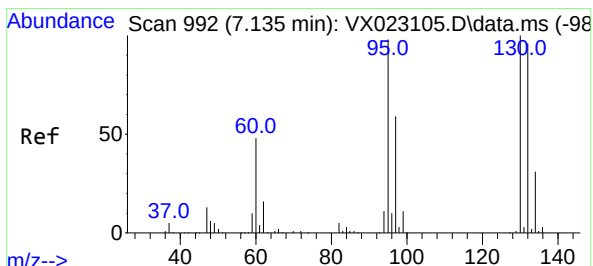
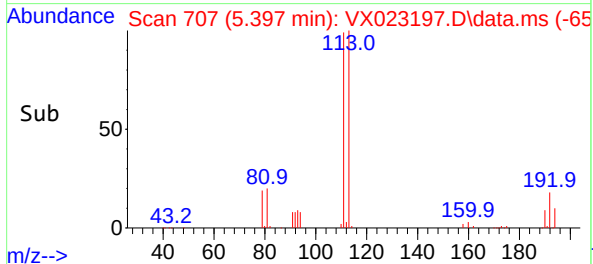
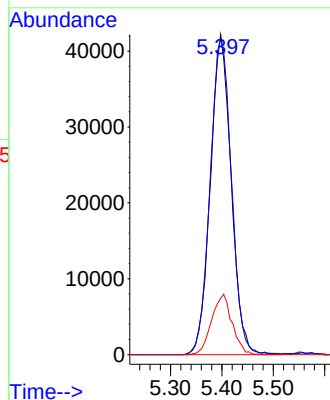
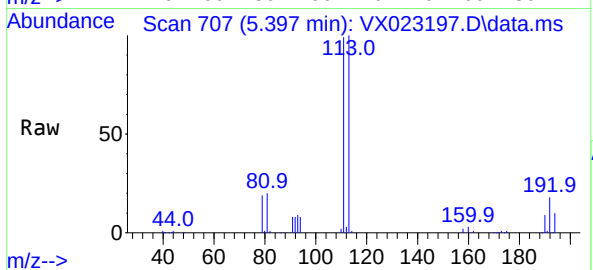




#35
Dibromofluoromethane
Concen: 49.751 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

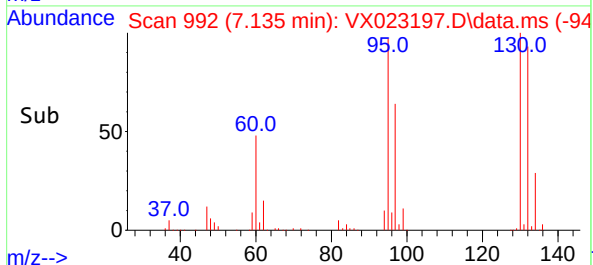
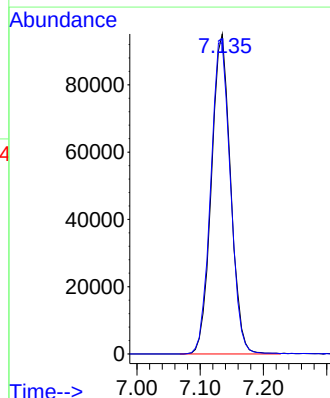
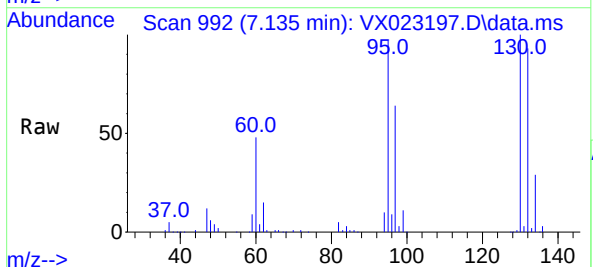
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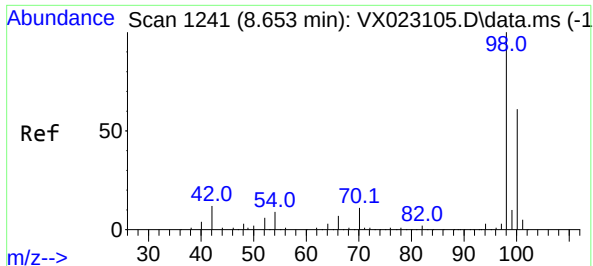
Tgt Ion:113 Resp: 118532
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 18.6 16.7 25.1



#44
Trichloroethene
Concen: 73.858 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

Tgt Ion:130 Resp: 200078
Ion Ratio Lower Upper
130 100
95 97.2 0.0 198.0

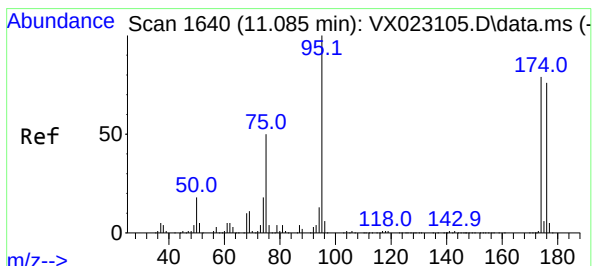
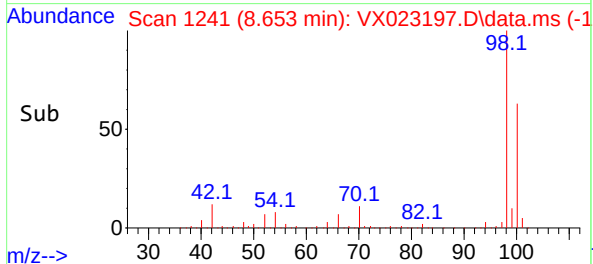
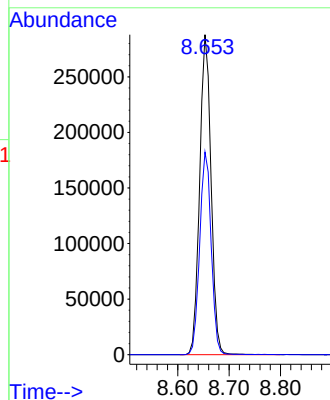
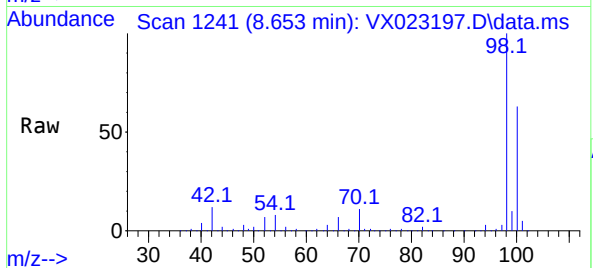




#50
Toluene-d8
Concen: 49.683 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

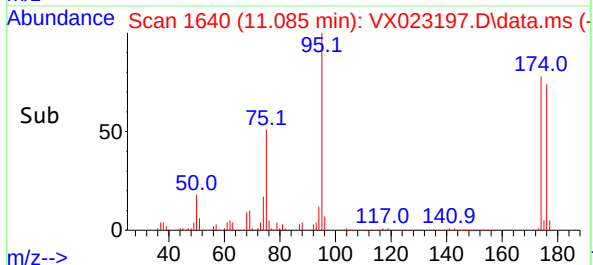
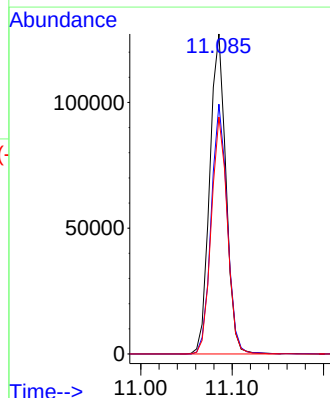
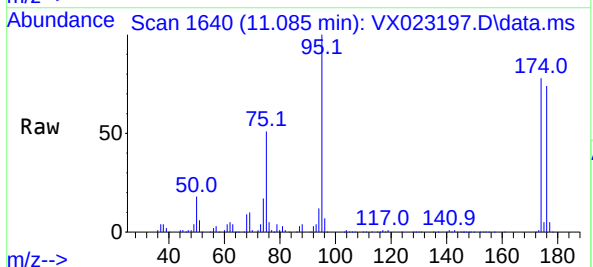
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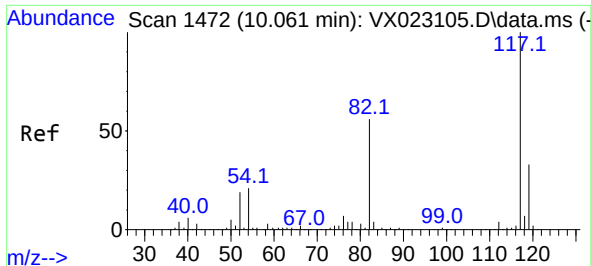
Tgt Ion: 98 Resp: 441554
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.638 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

Tgt Ion: 95 Resp: 156584
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 73.4 0.0 155.8

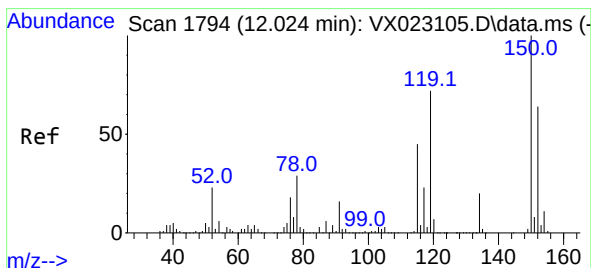
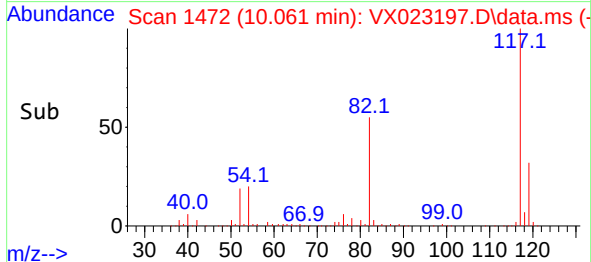
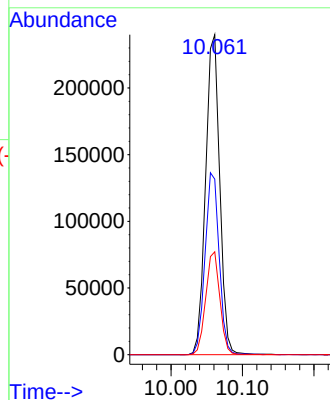
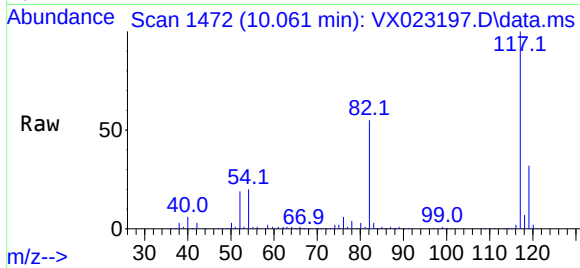




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023197.D
Acq: 08 Jul 2021 14:18

Instrument :
MSVOA_X
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MW-11B-070621DL

Tgt Ion:117 Resp: 329695
Ion Ratio Lower Upper
117 100
82 54.8 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: VX023197.D
Acq: 08 Jul 2021 14:18

Tgt Ion:152 Resp: 133289
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 159.7 0.0 349.0

