

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023222.D
 Acq On : 09 Jul 2021 15:38
 Operator : JC/MD
 Sample : M2953-09DL2 800X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-1.5-6.5-070621DL2

Quant Time: Jul 10 04:20:39 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)

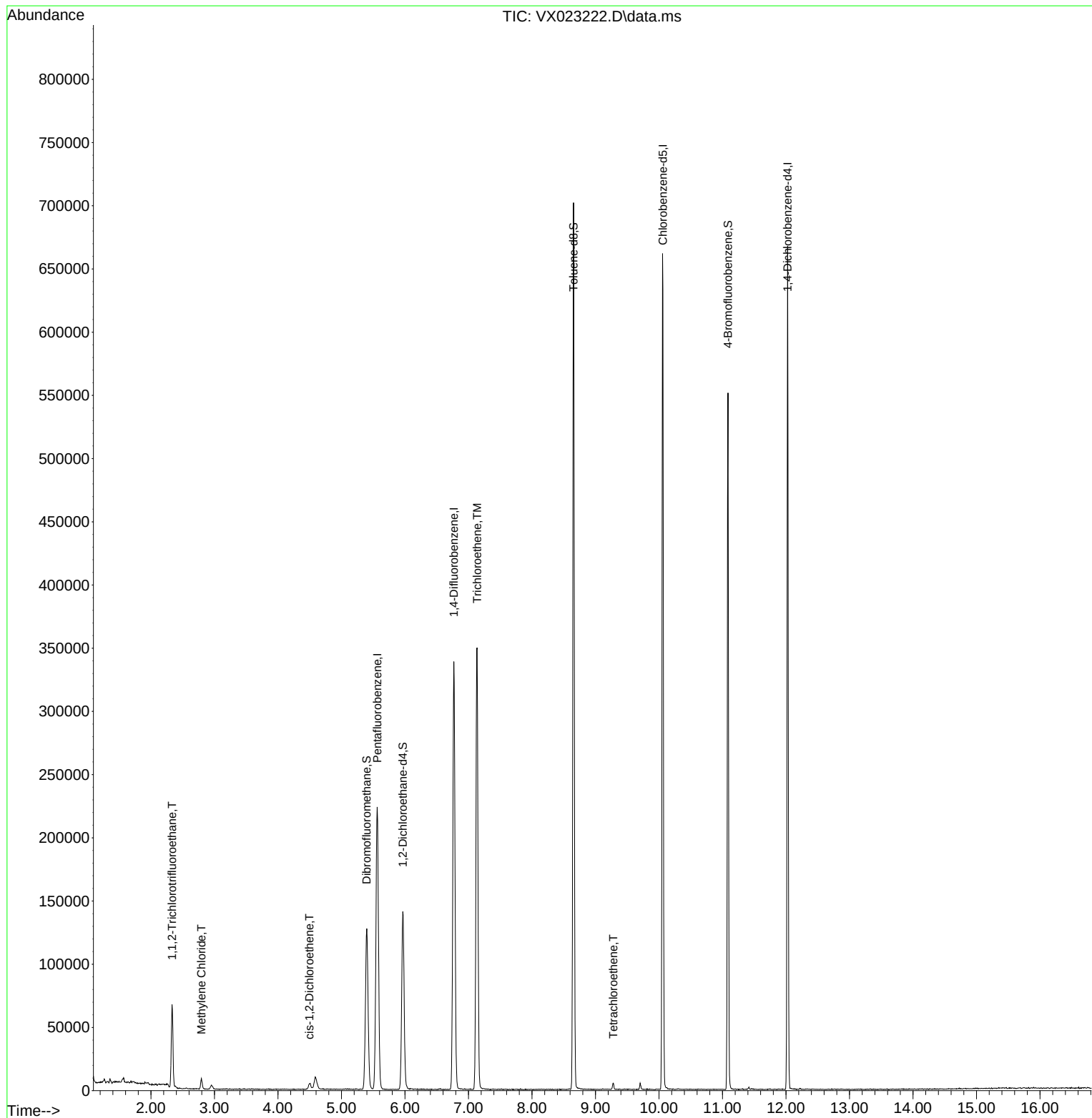
Internal Standards						
1) Pentafluorobenzene	5.562	168	206721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	341757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	306141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143269	51.567	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.140%		
35) Dibromofluoromethane	5.397	113	109265	49.510	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.020%		
50) Toluene-d8	8.653	98	400555	48.656	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.320%		
62) 4-Bromofluorobenzene	11.085	95	147653	46.459	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.920%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	25253	12.648	ug/l	97
20) Methylene Chloride	2.794	84	3471	1.467	ug/l #	96
27) cis-1,2-Dichloroethene	4.495	96	3086	1.280	ug/l	97
44) Trichloroethene	7.135	130	136666	54.464	ug/l	99
64) Tetrachloroethene	9.281	164	832	0.341	ug/l #	86

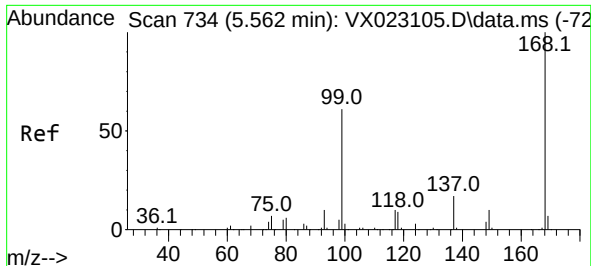
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

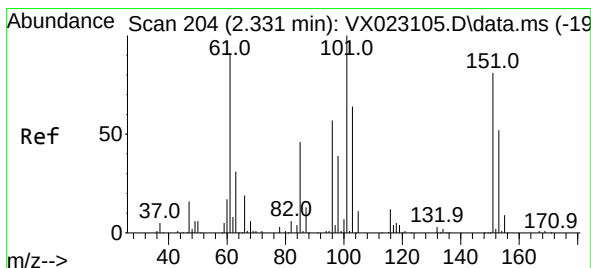
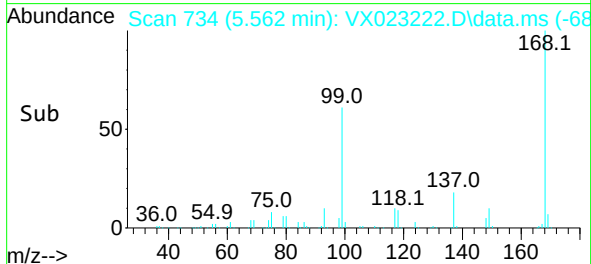
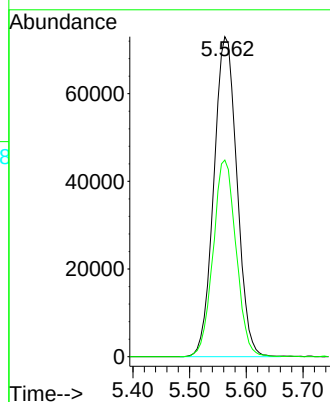
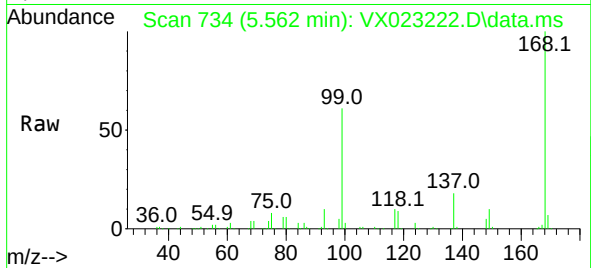




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

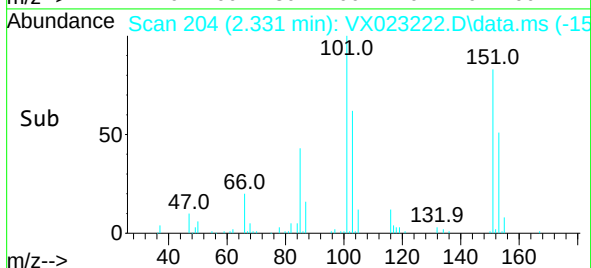
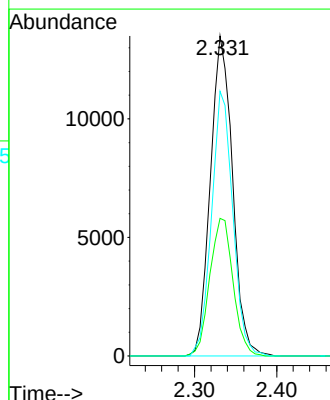
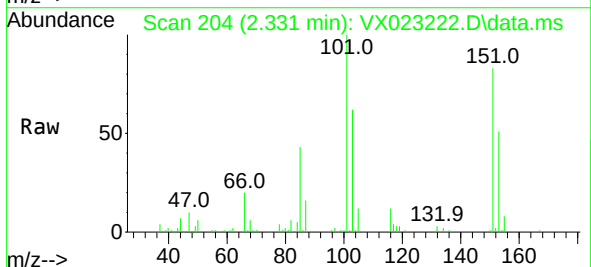
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

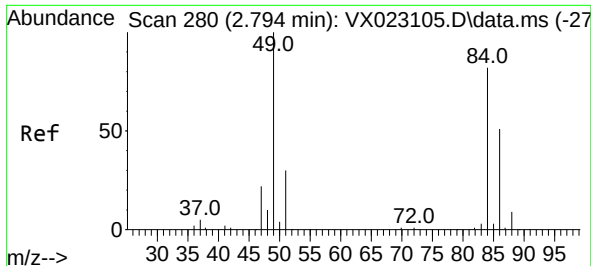
Tgt Ion:168 Resp: 206721
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.648 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

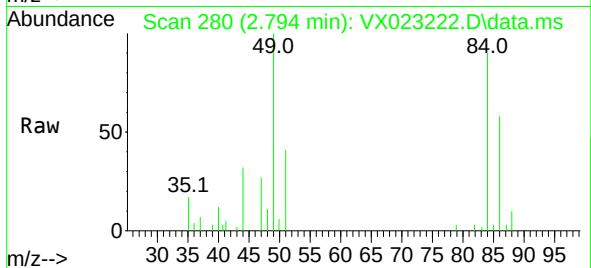
Tgt Ion:101 Resp: 25253
Ion Ratio Lower Upper
101 100
85 45.1 34.9 52.3
151 79.4 61.4 92.2



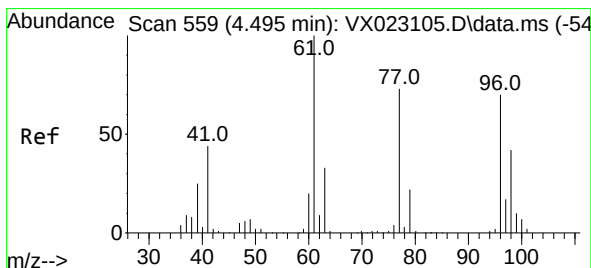
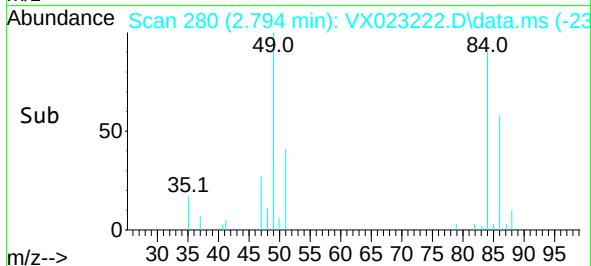
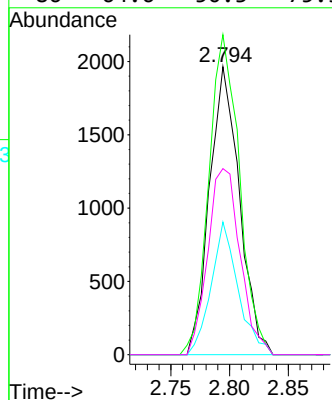


#20
Methylene Chloride
Concen: 1.467 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

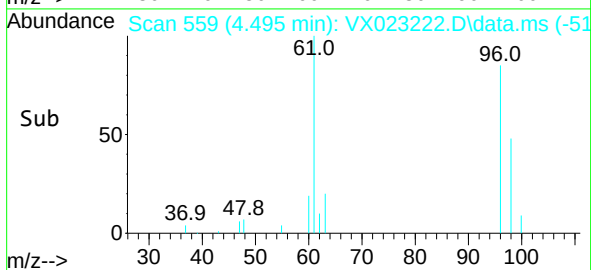
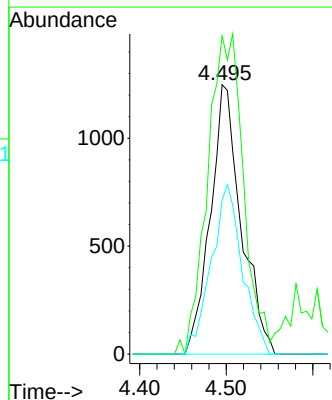
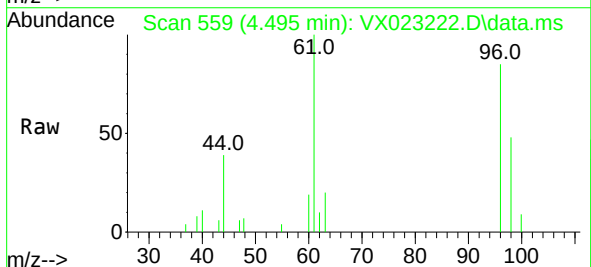


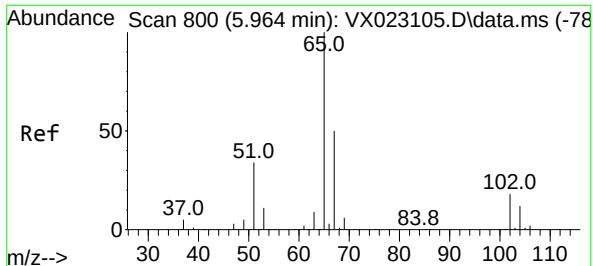
Tgt Ion:	84	Resp:	3471
Ion	Ratio	Lower	Upper
84	100		
49	111.1	88.6	132.8
51	46.1	27.0	40.6#
86	64.6	50.3	75.5



#27
cis-1,2-Dichloroethene
Concen: 1.280 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion:	96	Resp:	3086
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	285.6
98	63.5	0.0	129.6

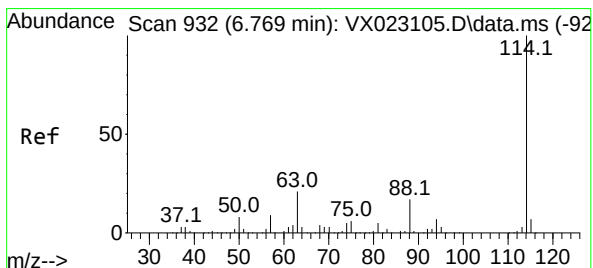
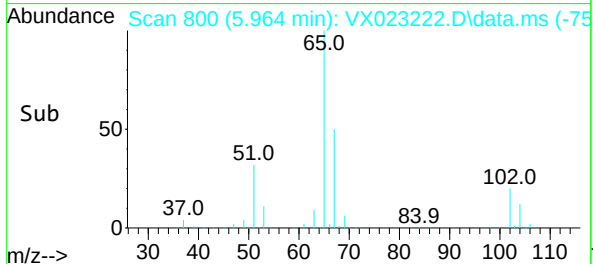
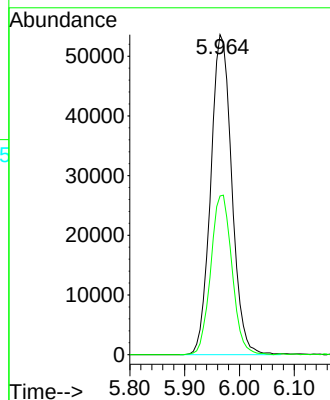
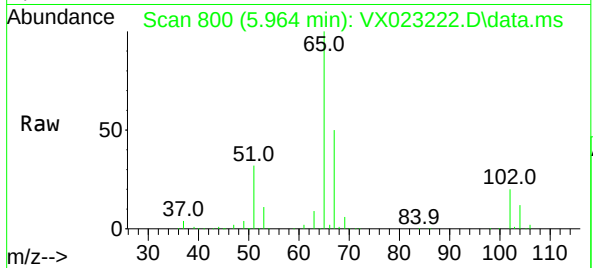




#33
1,2-Dichloroethane-d4
Concen: 51.567 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

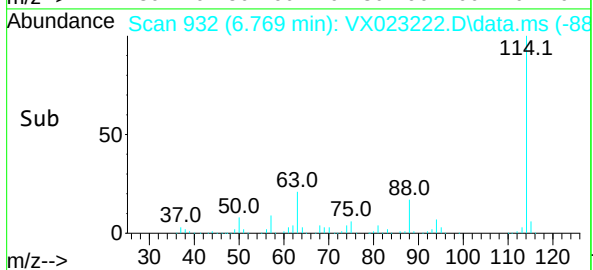
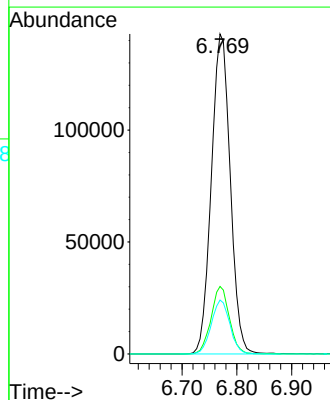
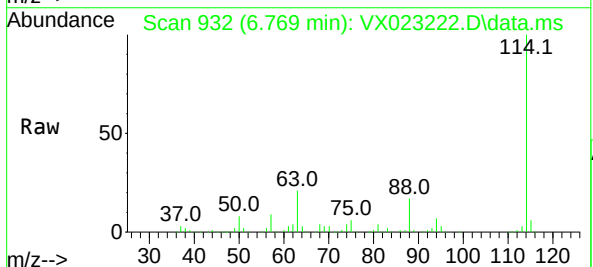
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

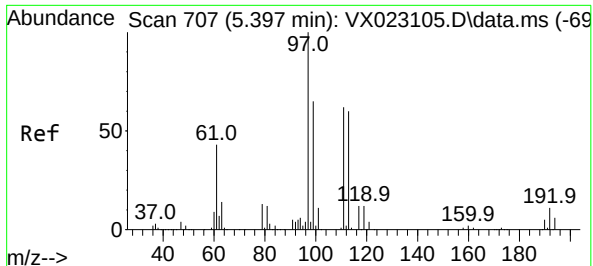
Tgt Ion: 65 Resp: 143269
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 114 Resp: 341757
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.510 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023222.D

Acq: 09 Jul 2021 15:38

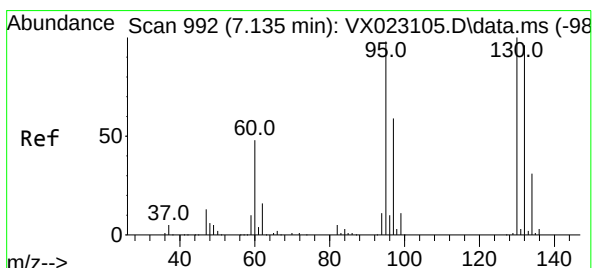
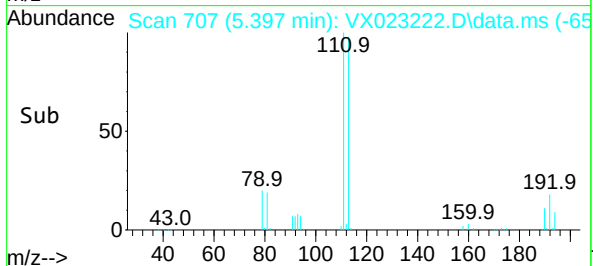
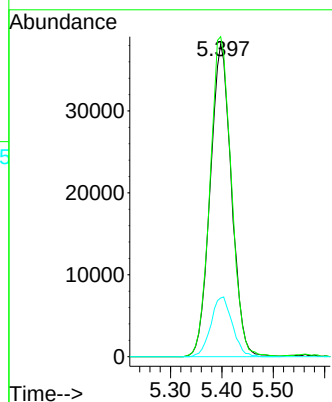
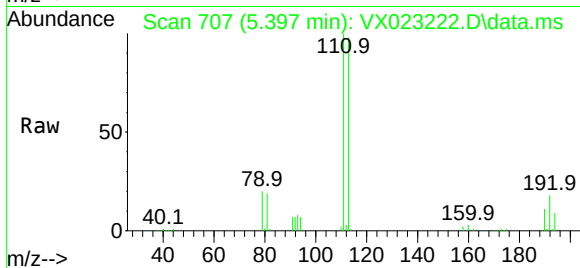
Tgt Ion:113 Resp: 109265

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 19.4 16.7 25.1



#44

Trichloroethene

Concen: 54.464 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX023222.D

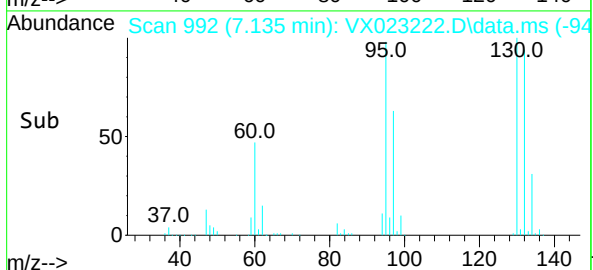
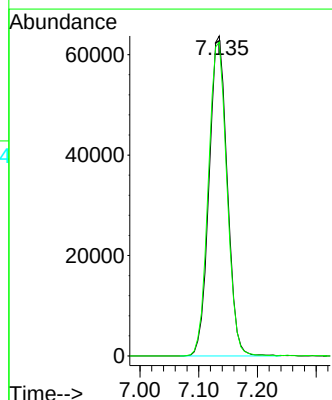
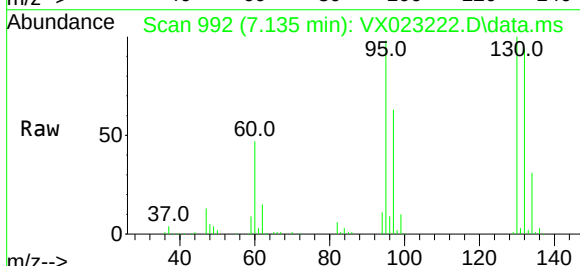
Acq: 09 Jul 2021 15:38

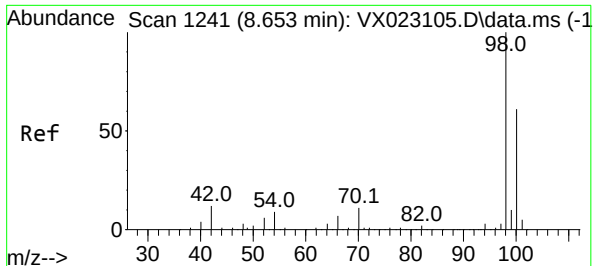
Tgt Ion:130 Resp: 136666

Ion Ratio Lower Upper

130 100

95 98.0 0.0 198.0

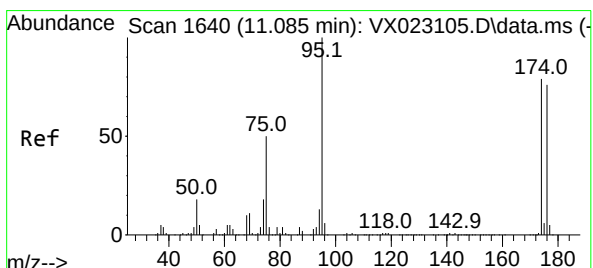
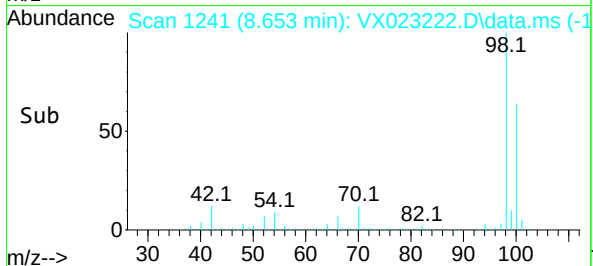
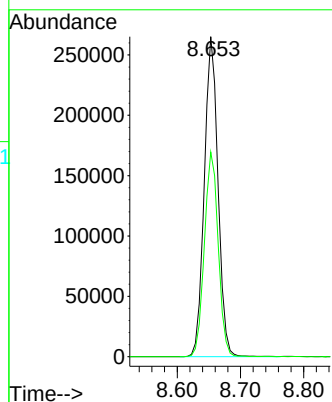
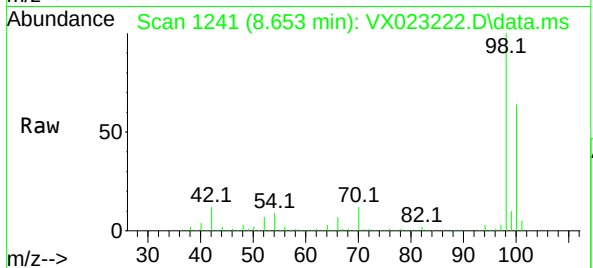




#50
Toluene-d8
Concen: 48.656 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

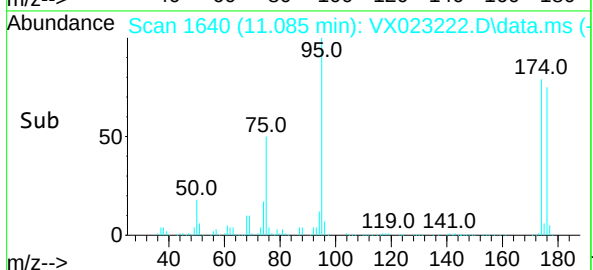
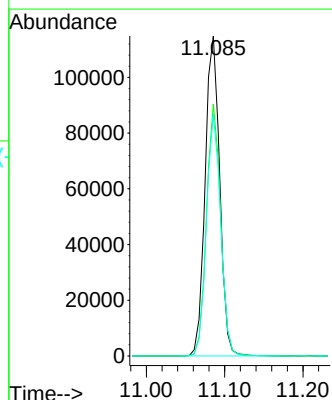
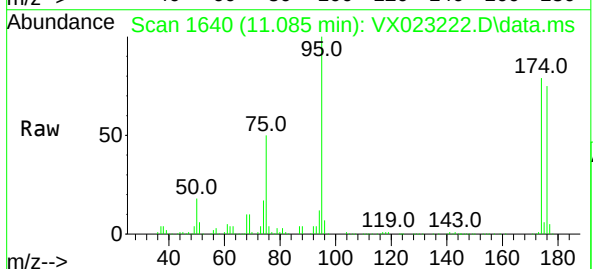
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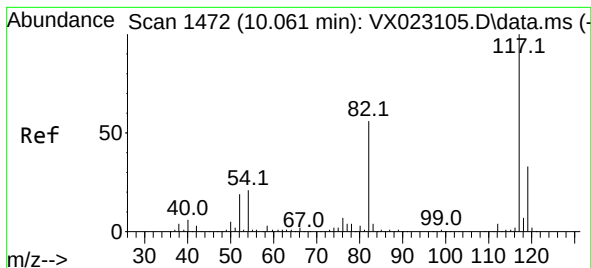
Tgt Ion: 98 Resp: 400555
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.459 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 95 Resp: 147653
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 74.0 0.0 155.8

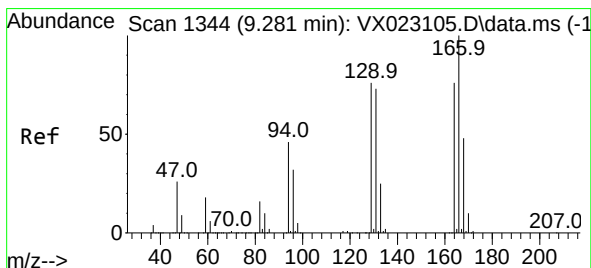
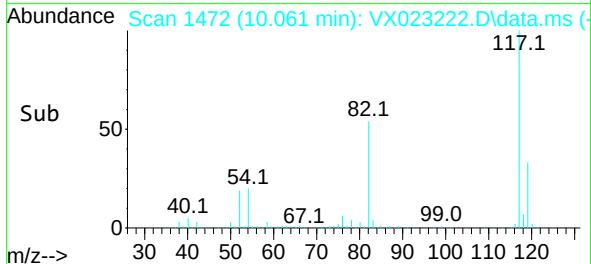
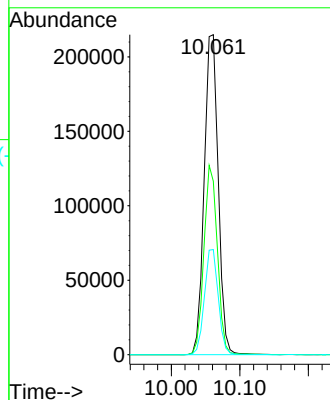
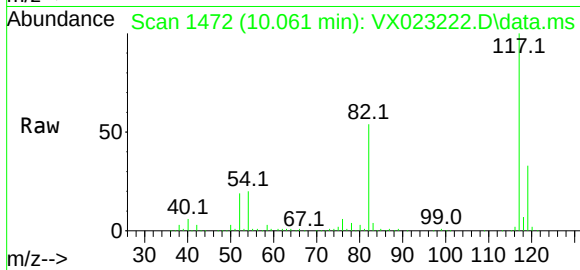




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

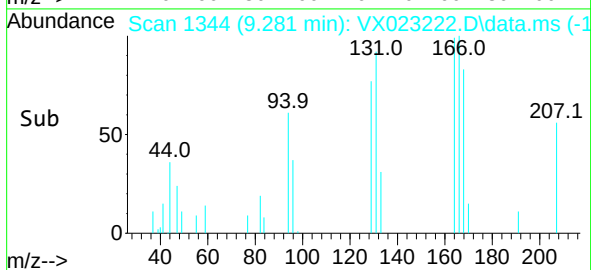
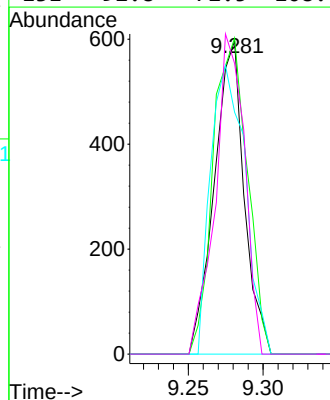
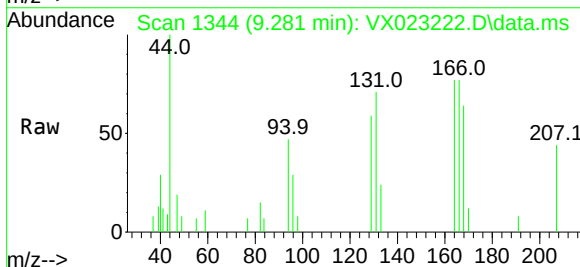
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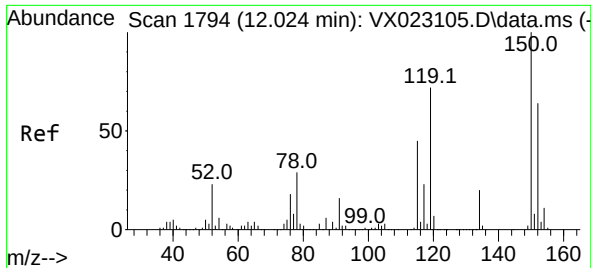
Tgt Ion:117 Resp: 306141
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.341 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion:164 Resp: 832
Ion Ratio Lower Upper
164 100
166 100.8 103.4 155.2#
129 77.2 70.8 106.2
131 92.8 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: VX023222.D
 Acq: 09 Jul 2021 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-1.5-6.5-070621DL2

Tgt Ion:152 Resp: 133408
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.1 123.3
 150 156.6 0.0 349.0

