

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030780.D
 Acq On : 25 Aug 2022 18:46
 Operator : JC/MD
 Sample : N4245-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20220816

Quant Time: Aug 26 02:41:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

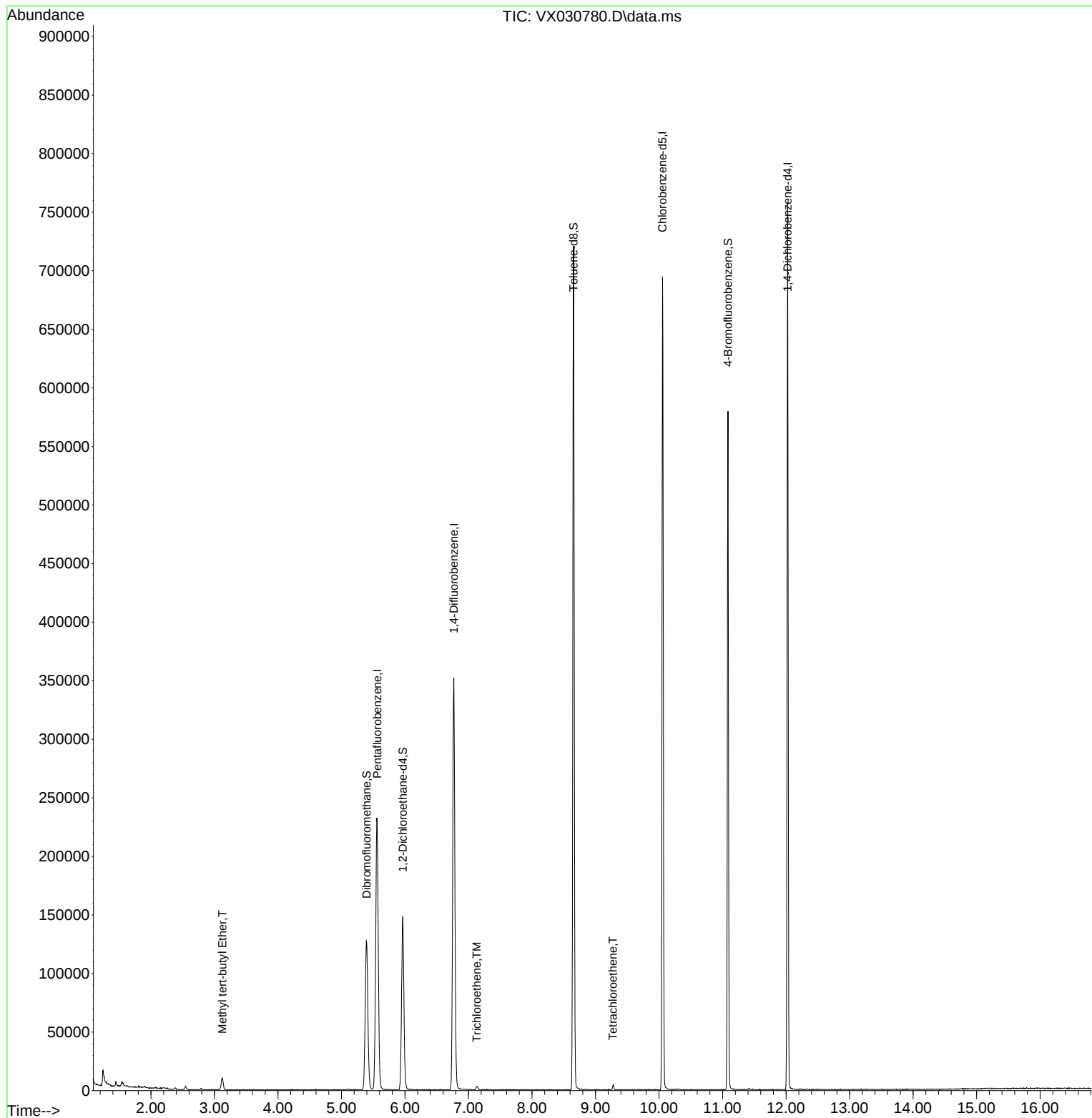
Internal Standards						
1) Pentafluorobenzene	5.562	168	221527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	371078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135995	52.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.380%	
35) Dibromofluoromethane	5.397	113	112585	49.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.740%	
50) Toluene-d8	8.653	98	433752	54.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.160%	
62) 4-Bromofluorobenzene	11.085	95	149326	50.470	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.940%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.123	73	10685	1.537	ug/l	91
44) Trichloroethene	7.129	130	1211	0.451	ug/l	95
64) Tetrachloroethene	9.275	164	936	0.364	ug/l #	57

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

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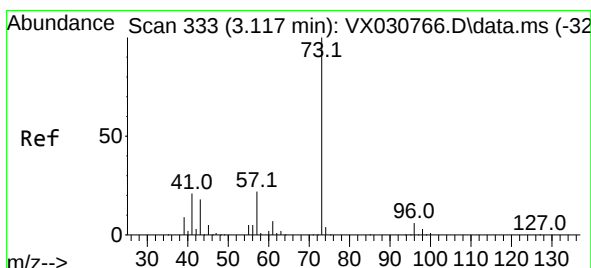
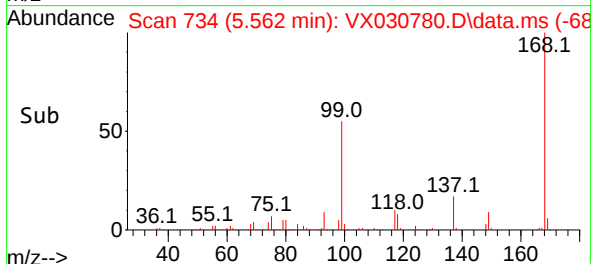
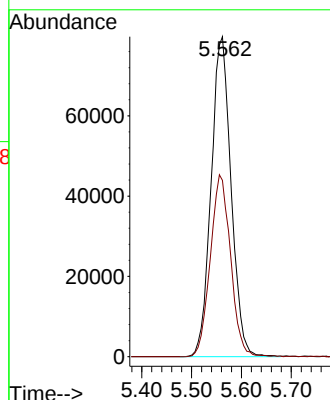
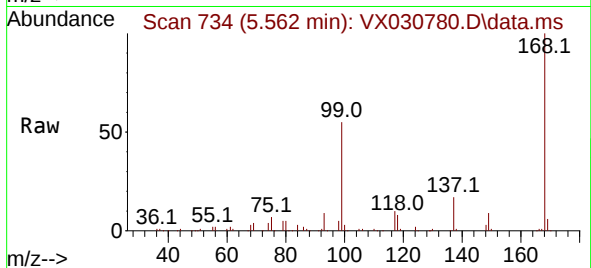




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030780.D
Acq: 25 Aug 2022 18:46

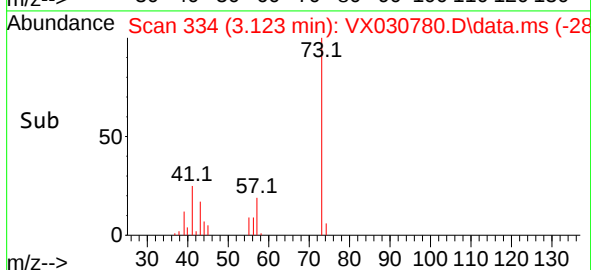
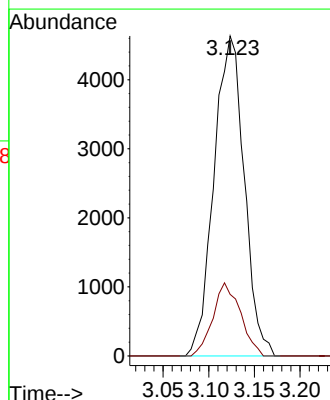
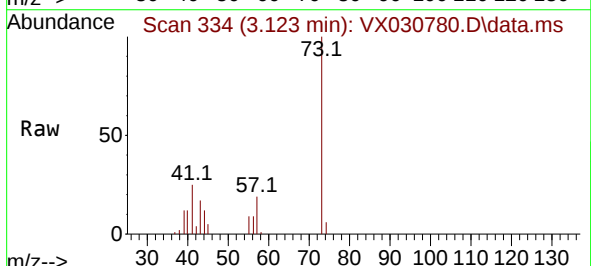
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20220816

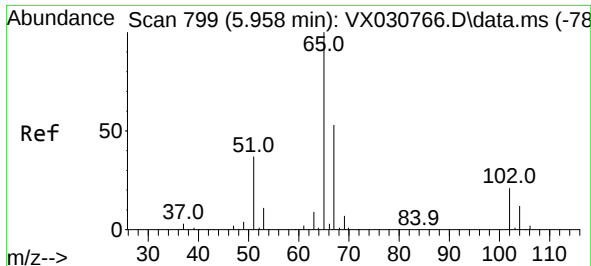
Tgt Ion:168 Resp: 221527
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#19
Methyl tert-butyl Ether
Concen: 1.537 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030780.D
Acq: 25 Aug 2022 18:46

Tgt Ion: 73 Resp: 10685
Ion Ratio Lower Upper
73 100
57 19.2 19.0 28.6

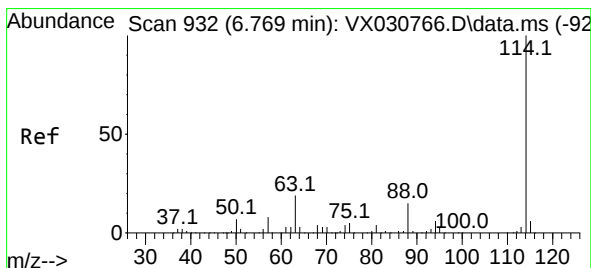
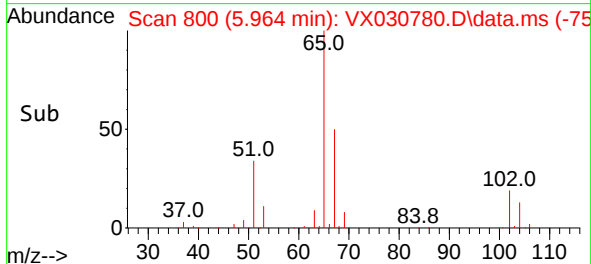
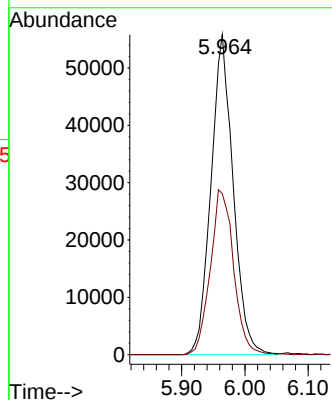
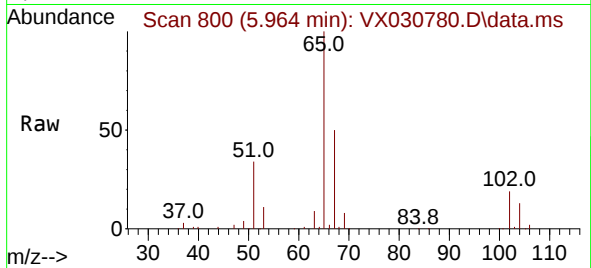




#33
 1,2-Dichloroethane-d4
 Concen: 52.190 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030780.D
 Acq: 25 Aug 2022 18:46

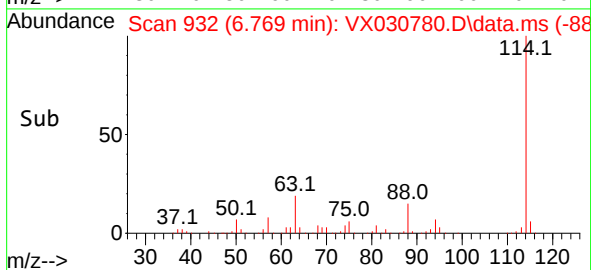
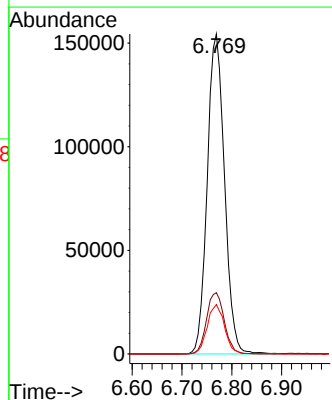
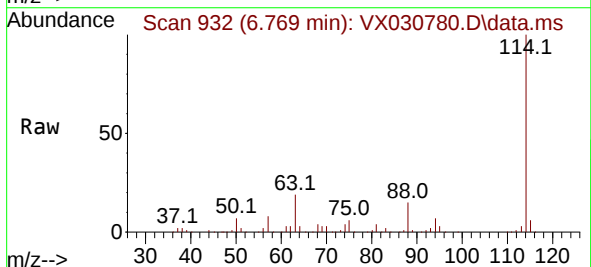
Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20220816

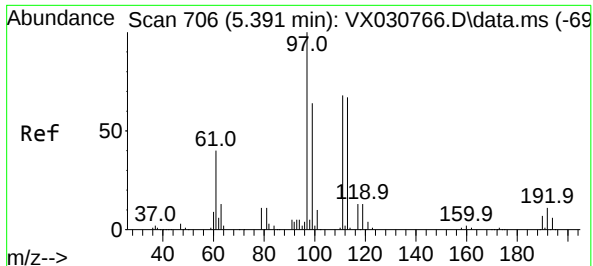
Tgt Ion: 65 Resp: 135995
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030780.D
 Acq: 25 Aug 2022 18:46

Tgt Ion: 114 Resp: 371078
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030780.D

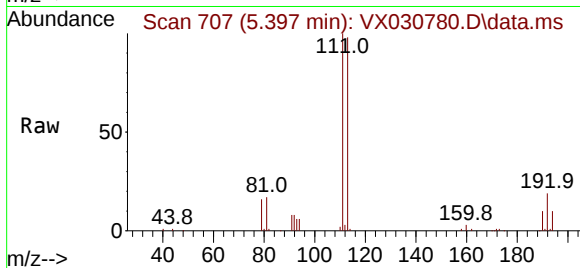
Acq: 25 Aug 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW178S-20220816



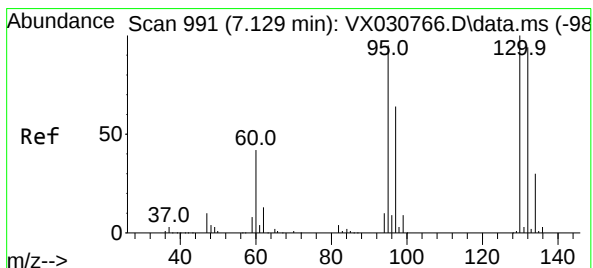
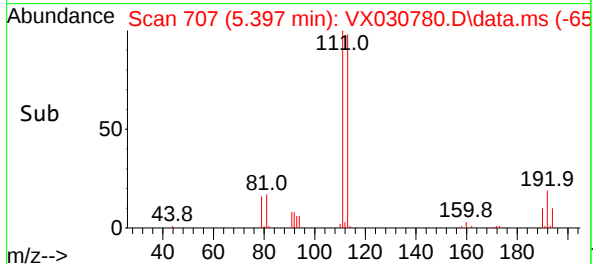
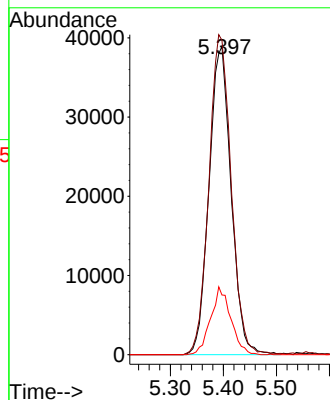
Tgt Ion:113 Resp: 112585

Ion Ratio Lower Upper

113 100

111 104.7 83.2 124.8

192 20.1 14.8 22.2



#44

Trichloroethene

Concen: 0.451 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030780.D

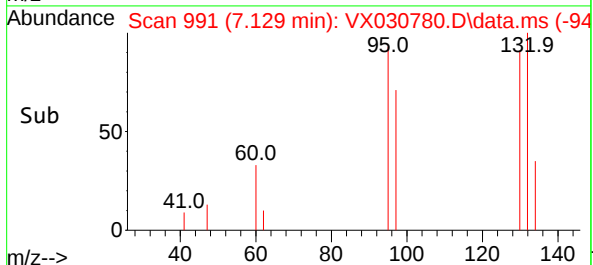
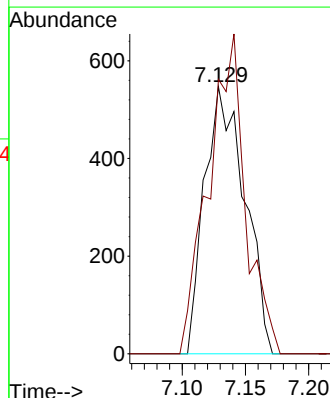
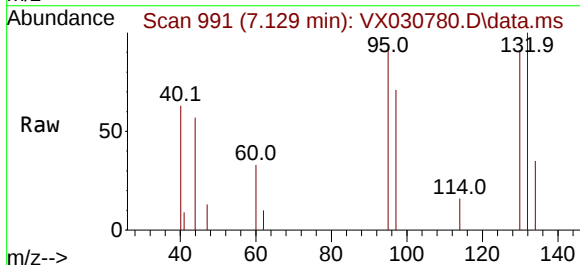
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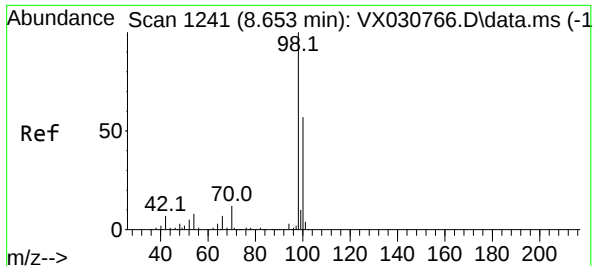
Tgt Ion:130 Resp: 1211

Ion Ratio Lower Upper

130 100

95 102.7 0.0 194.8

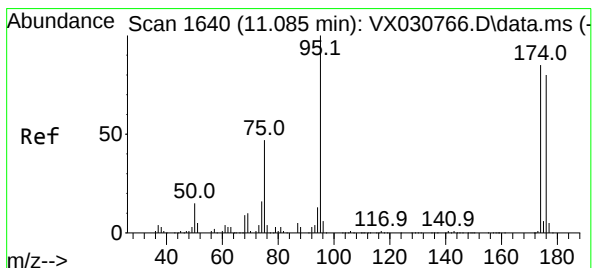
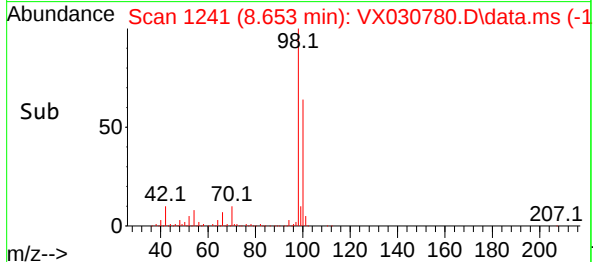
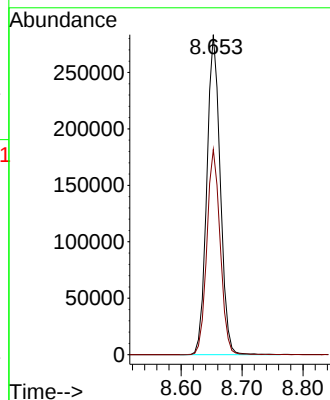
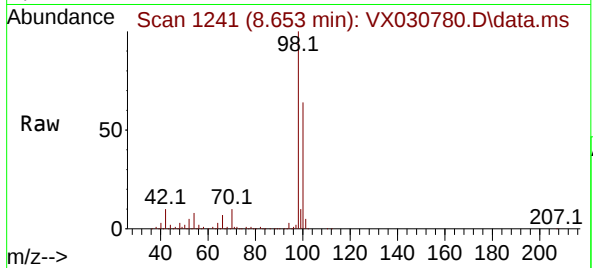




#50
Toluene-d8
Concen: 54.580 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030780.D
Acq: 25 Aug 2022 18:46

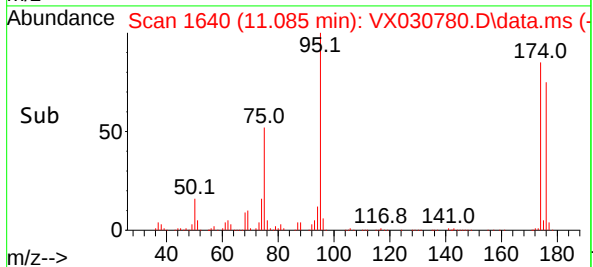
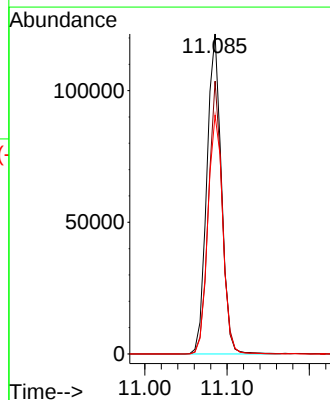
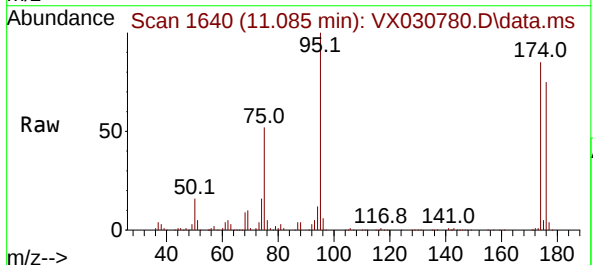
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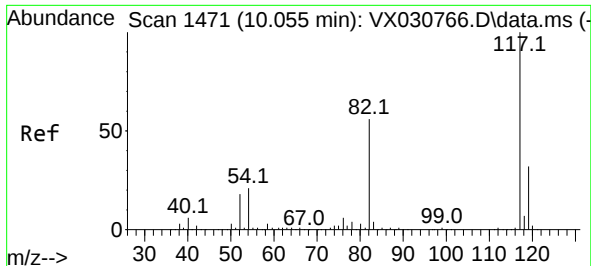
Tgt Ion: 98 Resp: 433752
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.470 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030780.D
Acq: 25 Aug 2022 18:46

Tgt Ion: 95 Resp: 149326
Ion Ratio Lower Upper
95 100
174 80.5 0.0 149.0
176 76.6 0.0 146.0

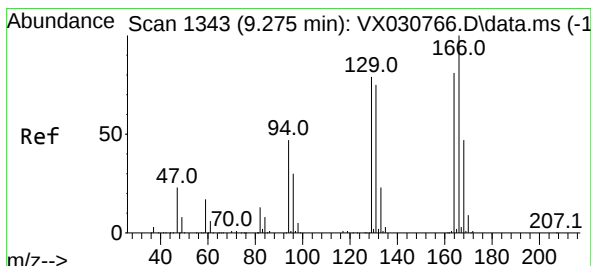
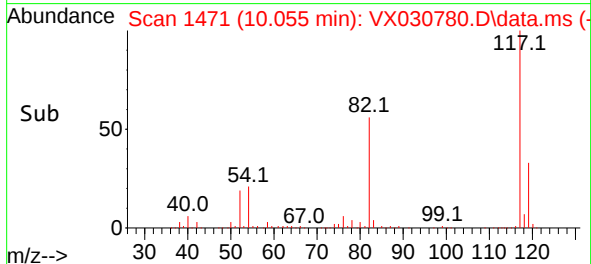
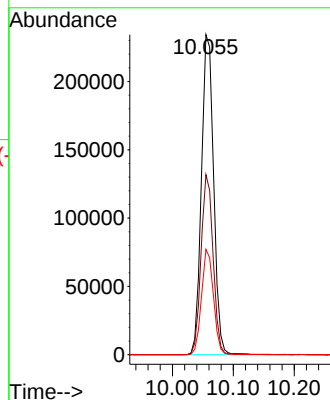
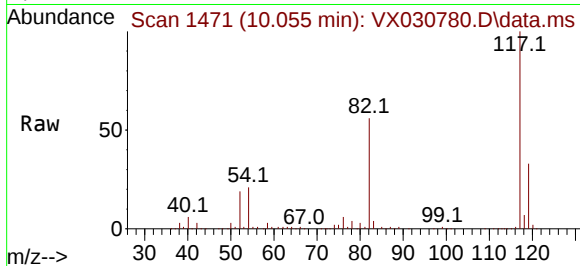




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030780.D
Acq: 25 Aug 2022 18:46

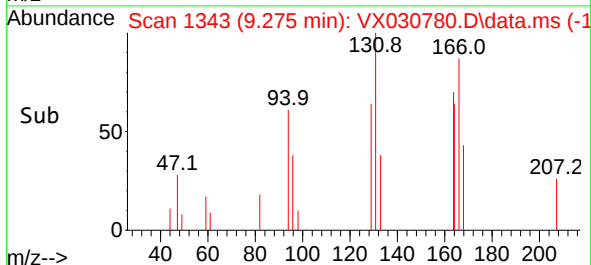
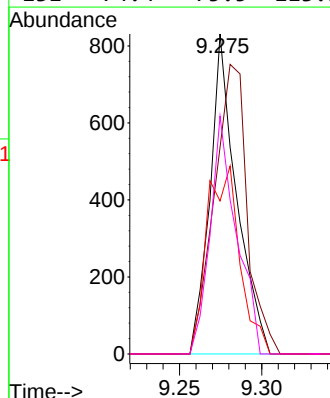
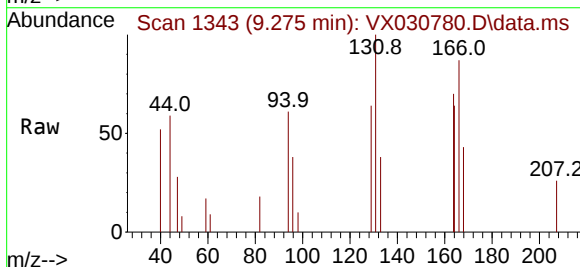
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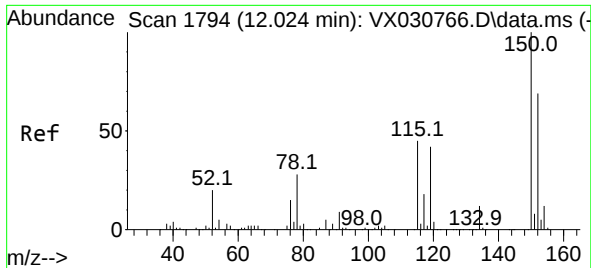
Tgt Ion:117 Resp: 326620
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 0.364 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030780.D
Acq: 25 Aug 2022 18:46

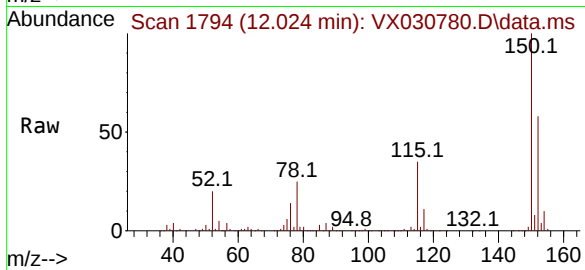
Tgt Ion:164 Resp: 936
Ion Ratio Lower Upper
164 100
166 64.6 98.2 147.4#
129 47.8 80.8 121.2#
131 74.4 75.5 113.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030780.D
 Acq: 25 Aug 2022 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20220816



Tgt Ion:152 Resp: 154196
 Ion Ratio Lower Upper
 152 100
 115 60.0 40.5 121.5
 150 154.7 0.0 347.0

