

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037551.D
 Acq On : 06 Sep 2023 13:46
 Operator : JC/MD
 Sample : 04220-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW11

Quant Time: Sep 06 22:45:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

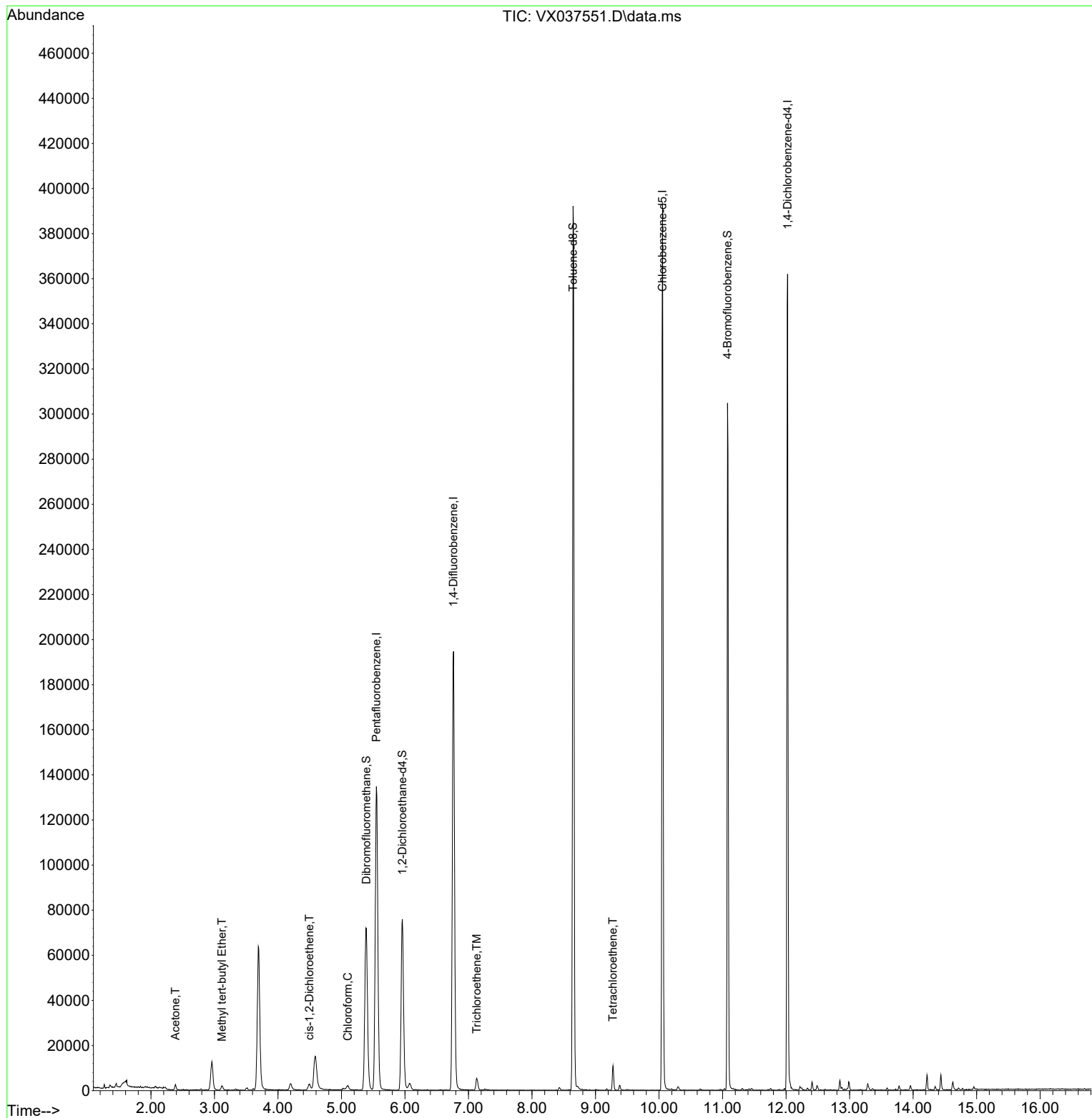
Internal Standards						
1) Pentafluorobenzene	5.550	168	129922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74923	40.000	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.000%
35) Dibromofluoromethane	5.391	113	66265	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	248428	48.485	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	88355	43.879	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.760%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2457	3.353	ug/l #	79
19) Methyl tert-butyl Ether	3.117	73	2312	0.456	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	1972	1.100	ug/l	77
30) Chloroform	5.099	83	2657	0.889	ug/l	87
44) Trichloroethene	7.129	130	2462	1.509	ug/l	90
64) Tetrachloroethene	9.275	164	2089	1.516	ug/l	93

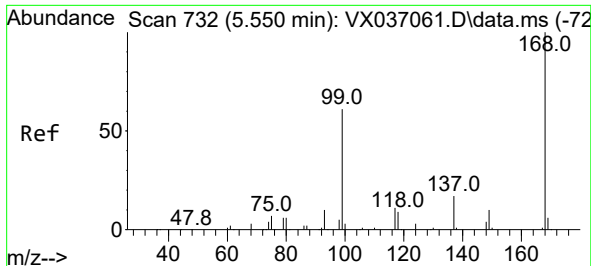
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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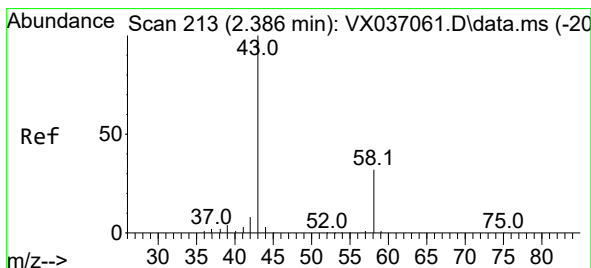
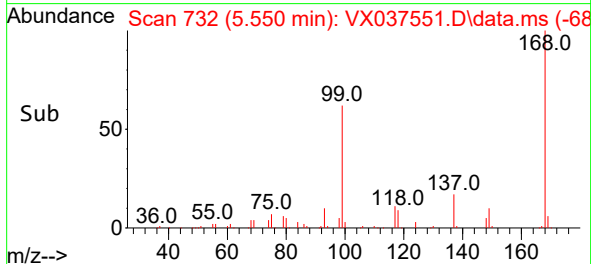
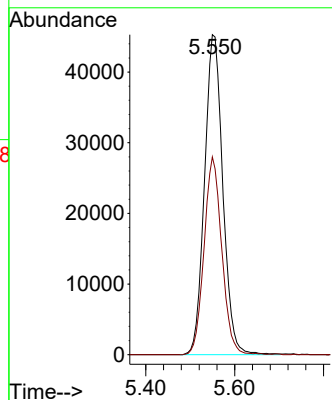
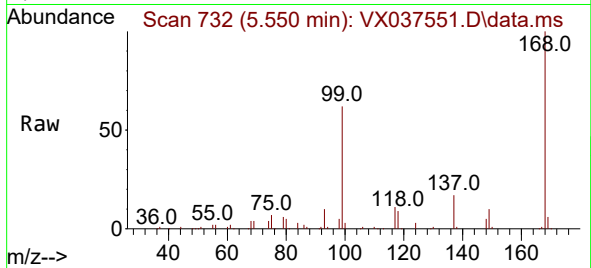




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

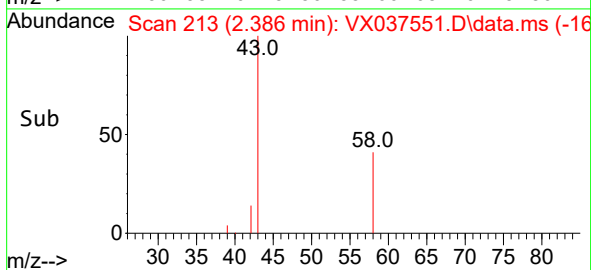
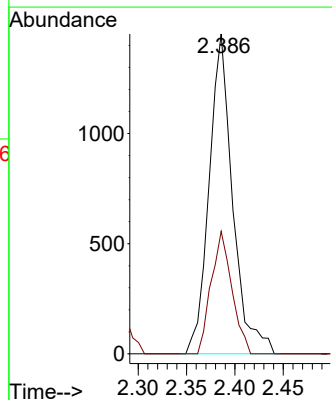
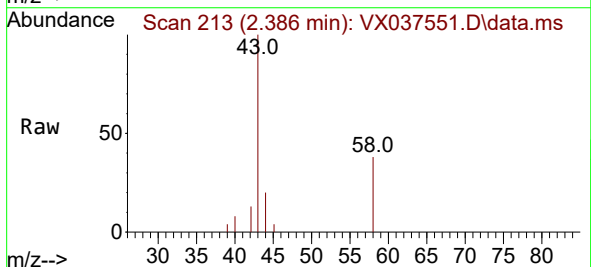
Instrument :
MSVOA_X
ClientSampleId :
MW11

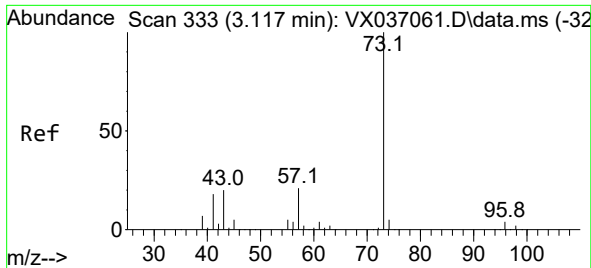
Tgt Ion:168 Resp: 129922
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#16
Acetone
Concen: 3.353 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

Tgt Ion: 43 Resp: 2457
Ion Ratio Lower Upper
43 100
58 38.3 21.9 32.9

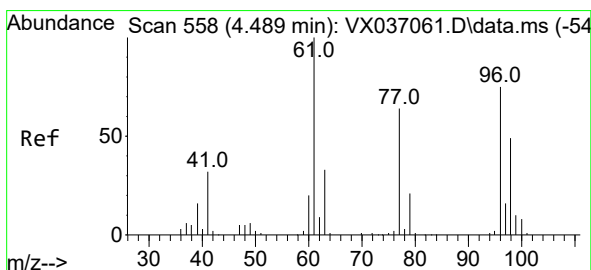
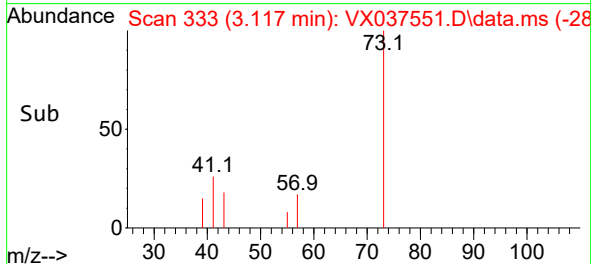
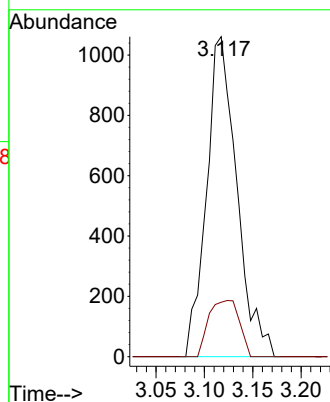
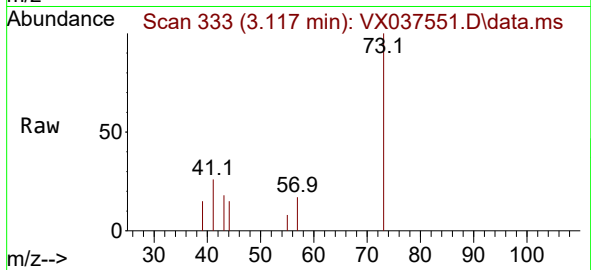




#19
Methyl tert-butyl Ether
Concen: 0.456 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

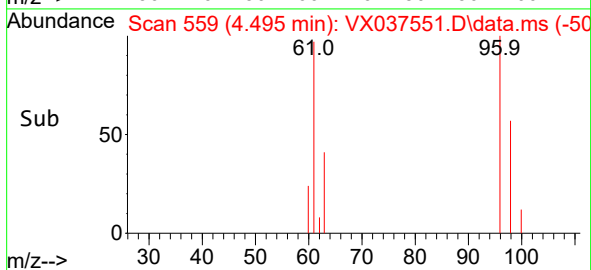
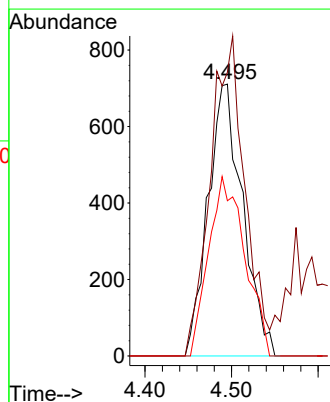
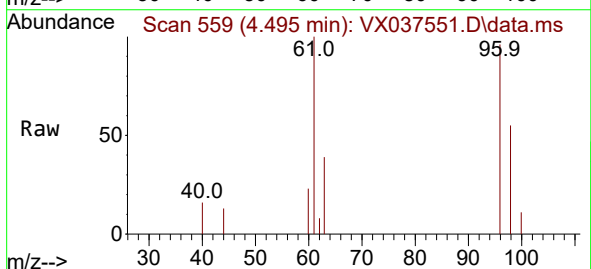
Instrument :
MSVOA_X
ClientSampleId :
MW11

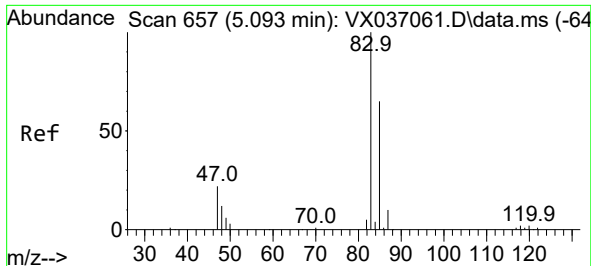
Tgt Ion: 73 Resp: 2312
Ion Ratio Lower Upper
73 100
57 17.0 17.3 25.9#



#27
cis-1,2-Dichloroethene
Concen: 1.100 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

Tgt Ion: 96 Resp: 1972
Ion Ratio Lower Upper
96 100
61 117.8 0.0 312.2
98 69.4 0.0 129.0

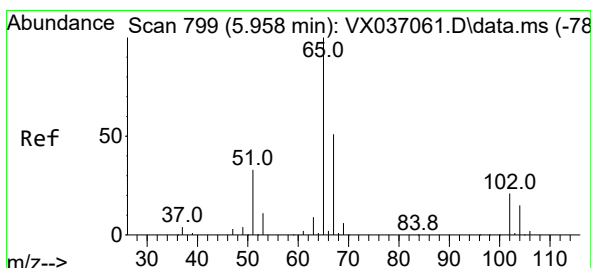
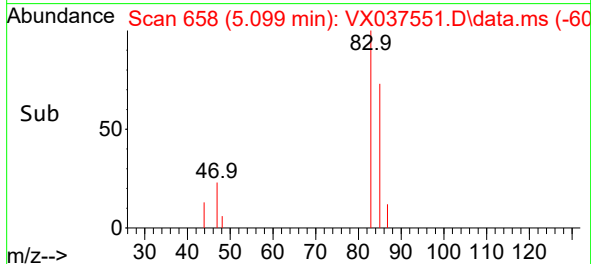
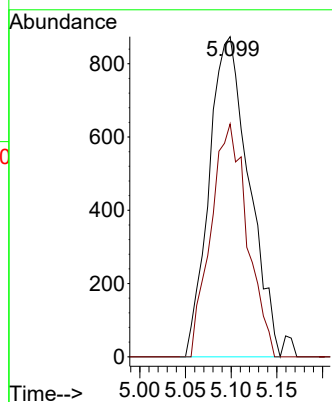
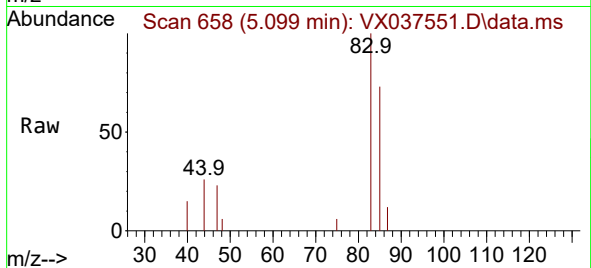




#30
Chloroform
Concen: 0.889 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

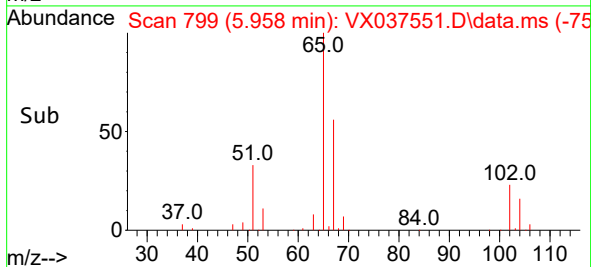
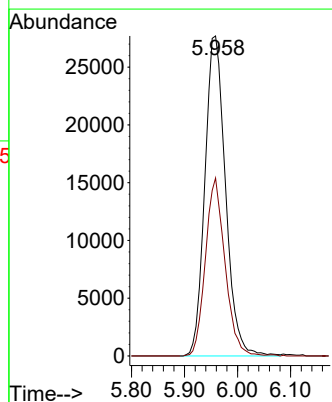
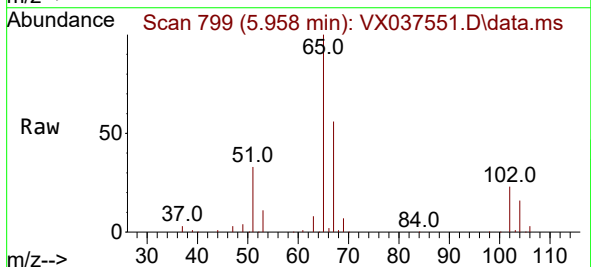
Instrument :
MSVOA_X
ClientSampleId :
MW11

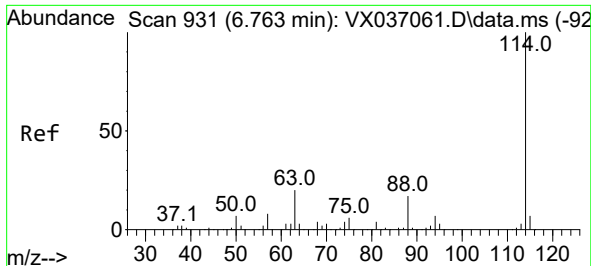
Tgt Ion: 83 Resp: 2657
Ion Ratio Lower Upper
83 100
85 72.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 40.000 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

Tgt Ion: 65 Resp: 74923
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

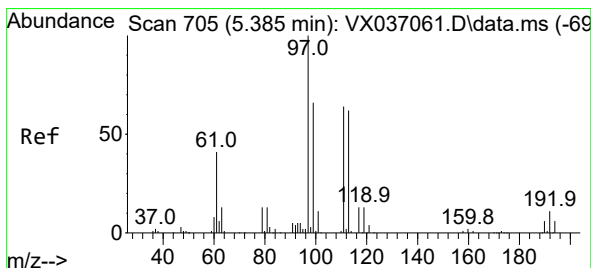
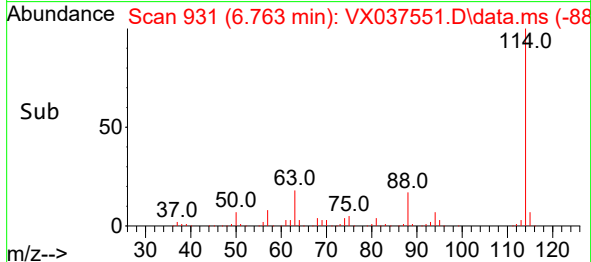
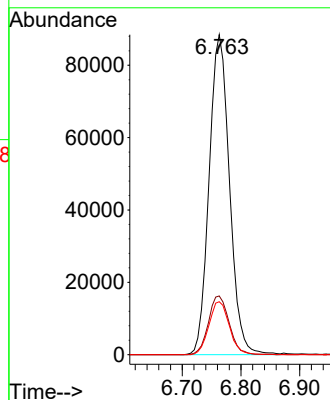
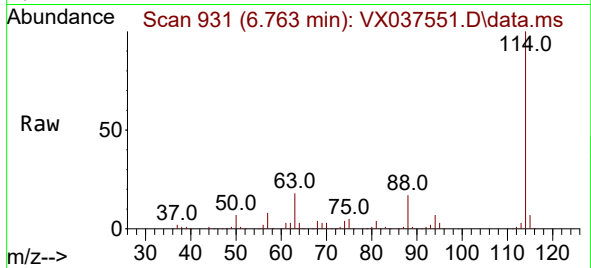




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

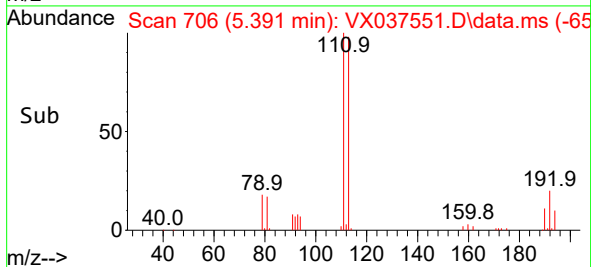
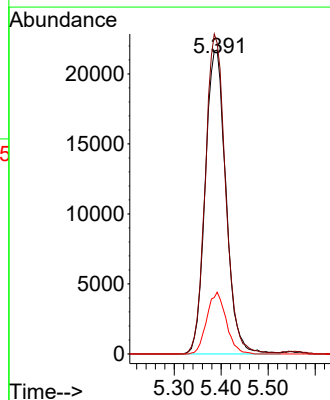
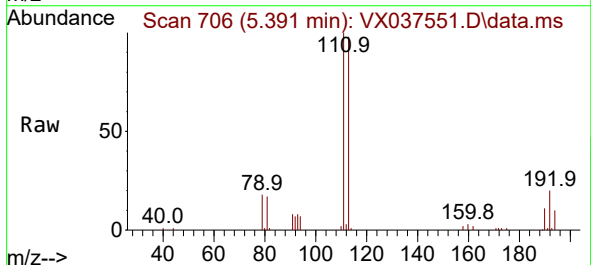
Instrument :
MSVOA_X
ClientSampleId :
MW11

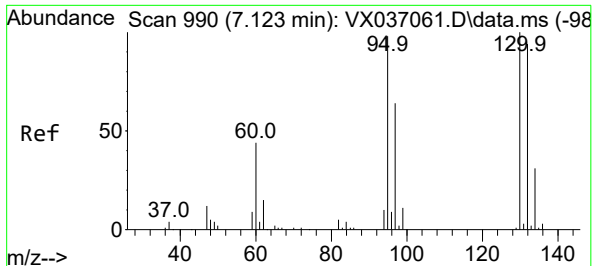
Tgt Ion:114 Resp: 213287
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.912 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

Tgt Ion:113 Resp: 66265
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.1 13.3 19.9





#44

Trichloroethene

Concen: 1.509 ug/l

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX037551.D

Acq: 06 Sep 2023 13:46

Instrument :

MSVOA_X

ClientSampleId :

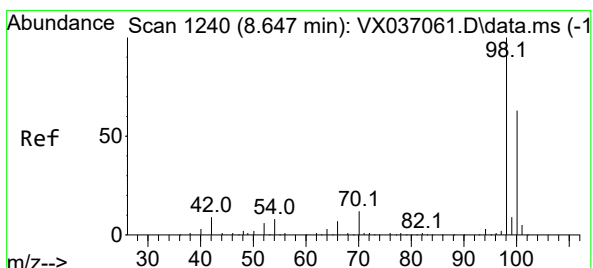
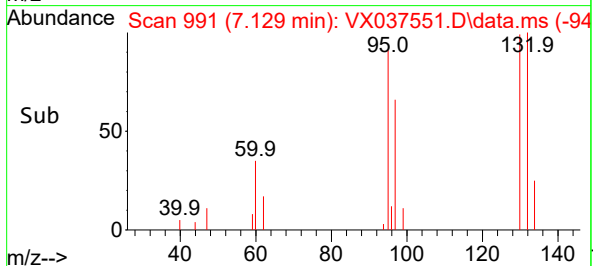
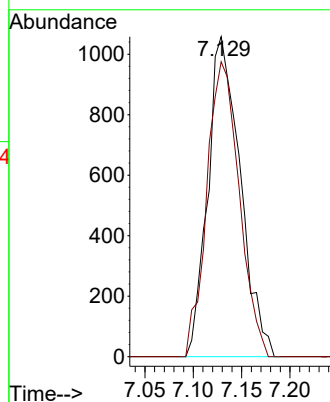
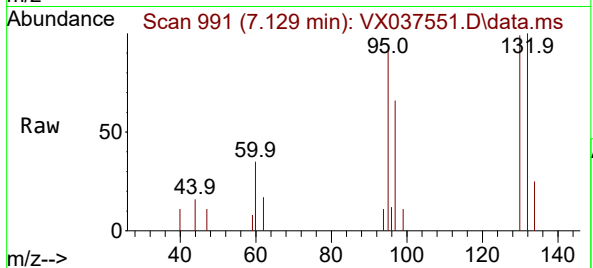
MW11

Tgt Ion:130 Resp: 2462

Ion Ratio Lower Upper

130 100

95 92.2 0.0 204.4



#50

Toluene-d8

Concen: 48.485 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037551.D

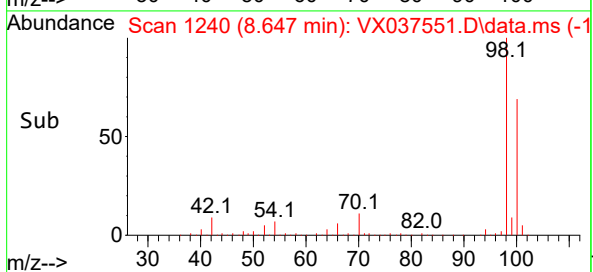
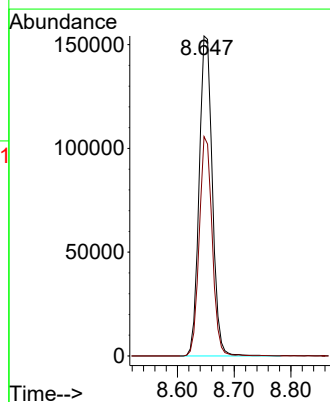
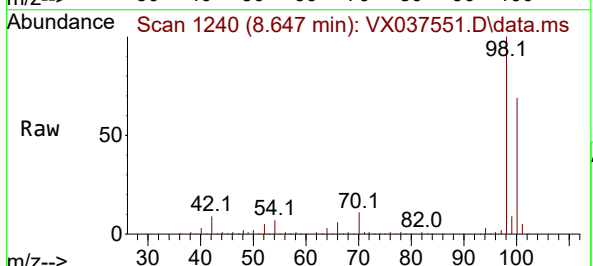
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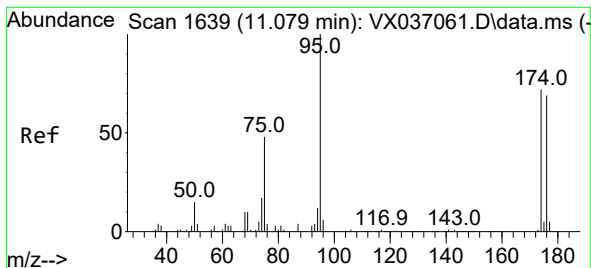
Tgt Ion: 98 Resp: 248428

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7

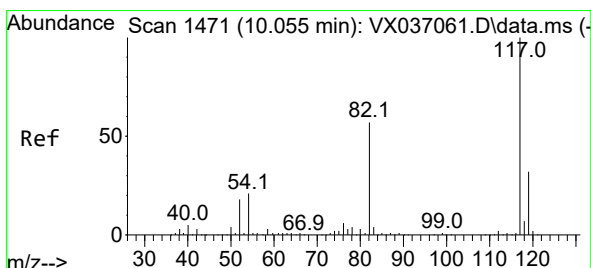
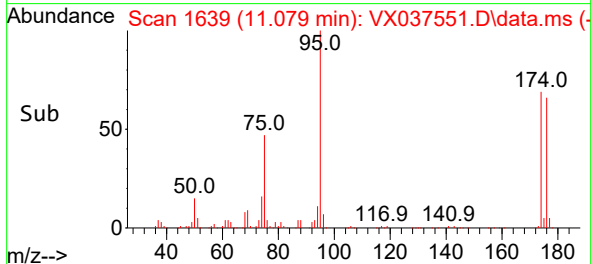
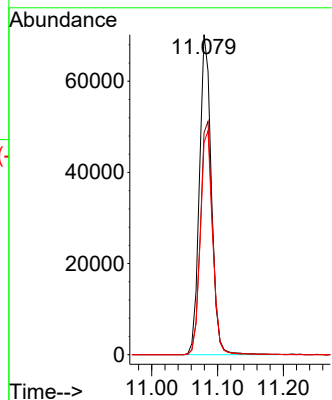
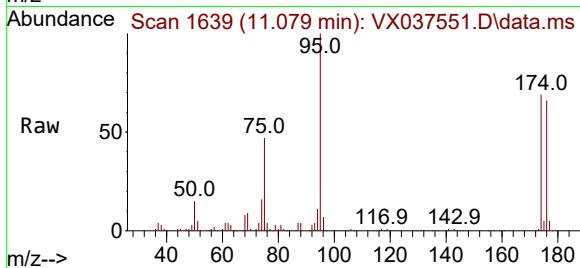




#62
4-Bromofluorobenzene
Concen: 43.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

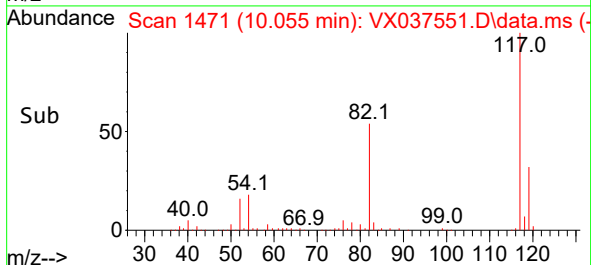
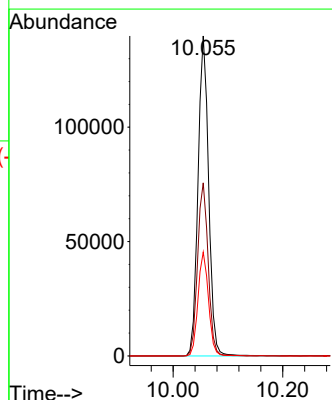
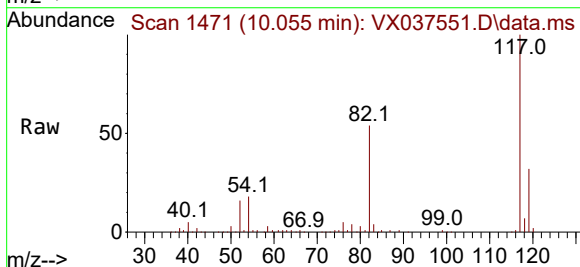
Instrument :
MSVOA_X
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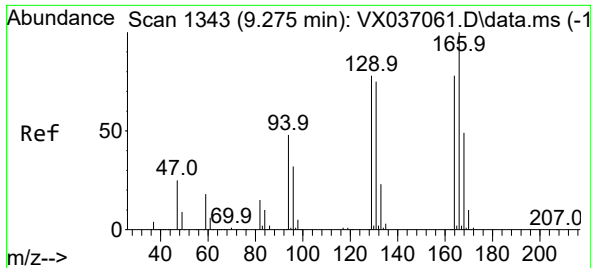
Tgt Ion: 95 Resp: 88355
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 72.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

Tgt Ion: 117 Resp: 188934
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.4 25.5 38.3

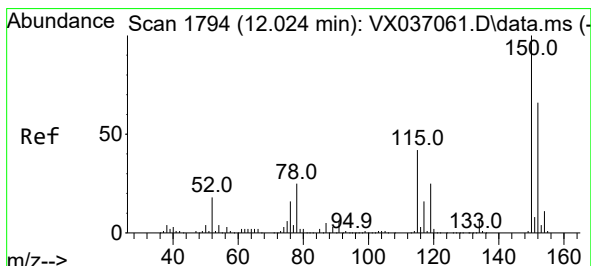
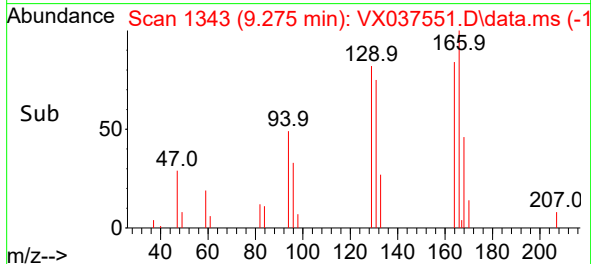
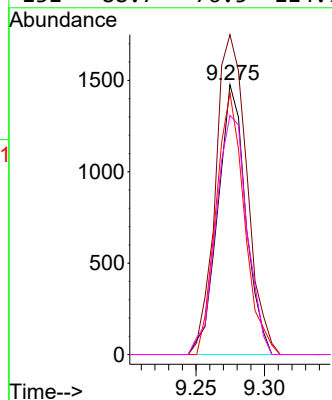
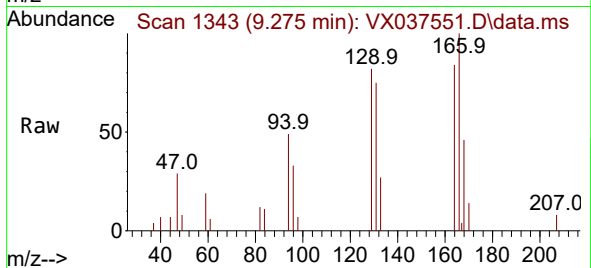




#64
Tetrachloroethene
Concen: 1.516 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

Instrument :
MSVOA_X
ClientSampleId :
MW11

Tgt Ion:164 Resp: 2089
Ion Ratio Lower Upper
164 100
166 118.6 102.7 154.1
129 97.0 80.4 120.6
131 88.7 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037551.D
Acq: 06 Sep 2023 13:46

Tgt Ion:152 Resp: 79998
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 158.7 0.0 345.0

