

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024572.D
 Acq On : 05 Oct 2021 15:39
 Operator : JC/MD
 Sample : M3989-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Oct 06 06:49:10 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)

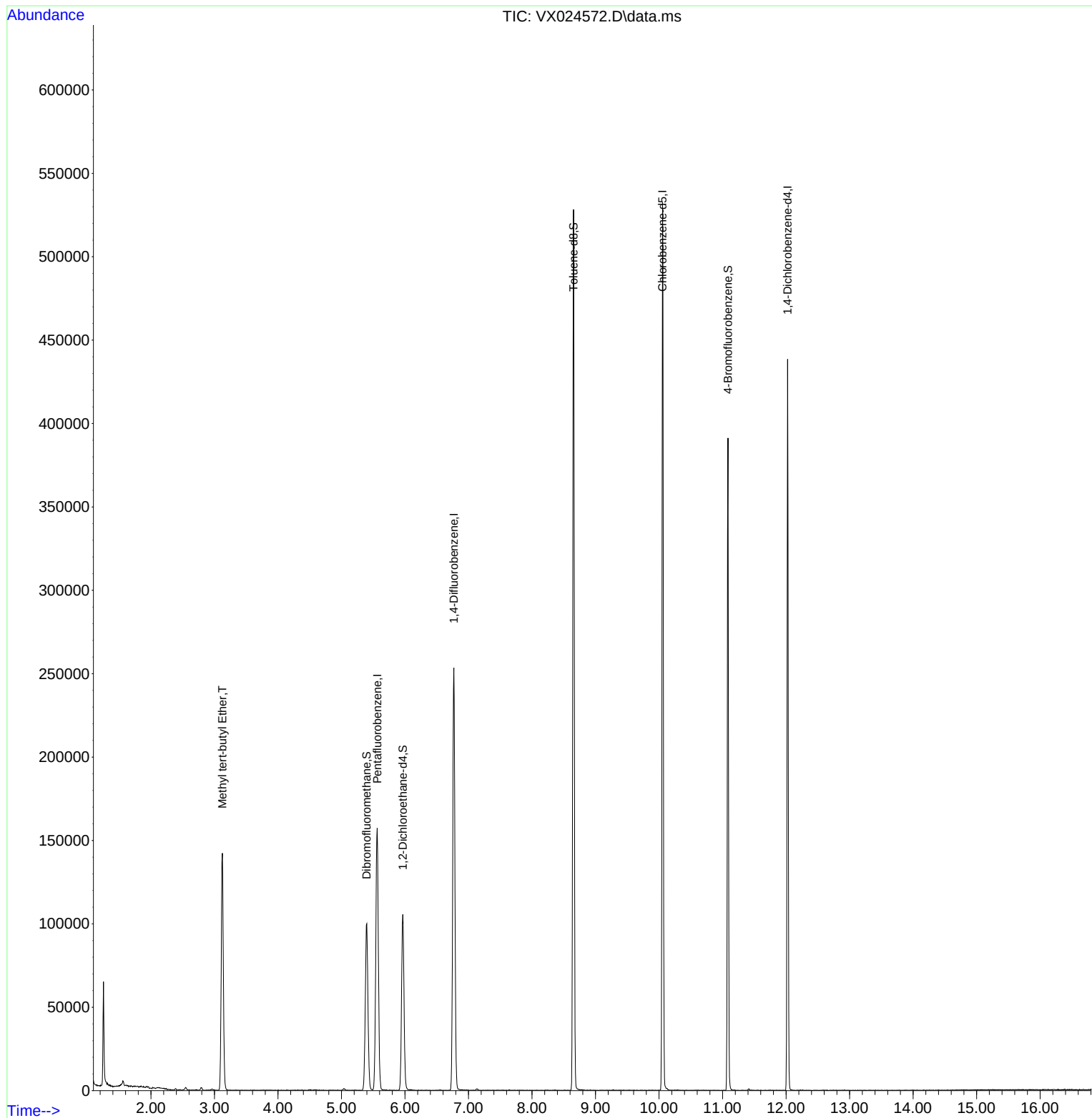
Internal Standards						
1) Pentafluorobenzene	5.562	168	149096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	259032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106512	50.69	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.38%	
35) Dibromofluoromethane	5.397	113	86777	50.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.86%	
50) Toluene-d8	8.653	98	311209	49.14	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.28%	
62) 4-Bromofluorobenzene	11.085	95	95877	38.50	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 77.00%#	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.123	73	155661	30.22	ug/l	98

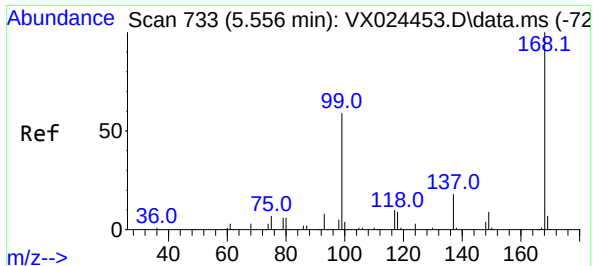
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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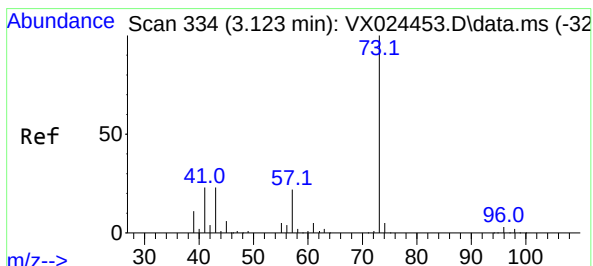
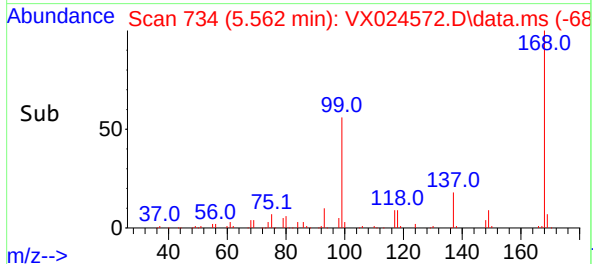
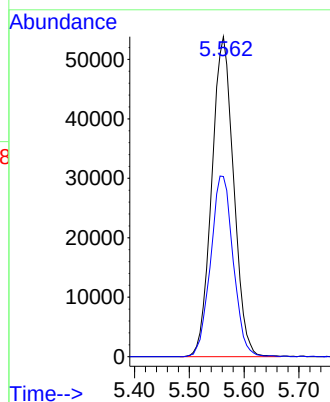
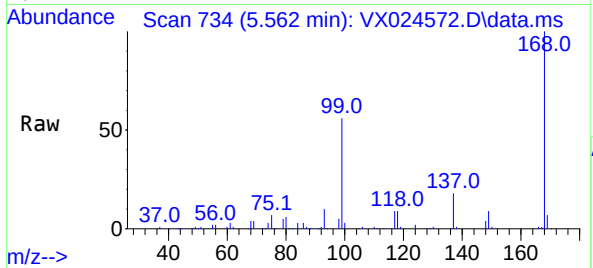




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024572.D
Acq: 05 Oct 2021 15:39

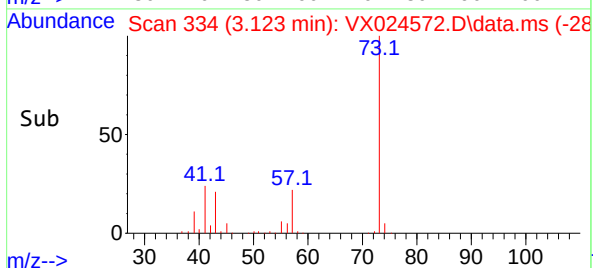
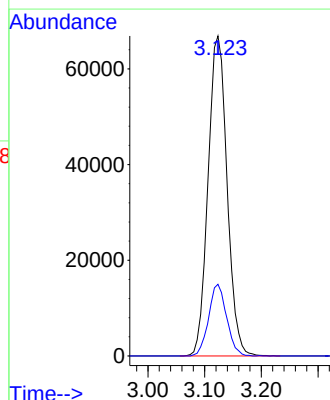
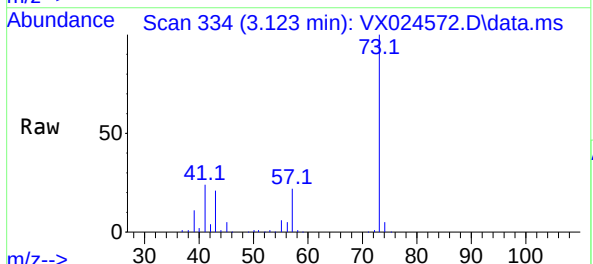
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

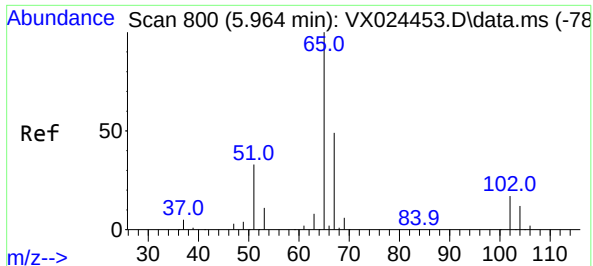
Tgt Ion:168 Resp: 149096
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#19
Methyl tert-butyl Ether
Concen: 30.22 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024572.D
Acq: 05 Oct 2021 15:39

Tgt Ion: 73 Resp: 155661
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



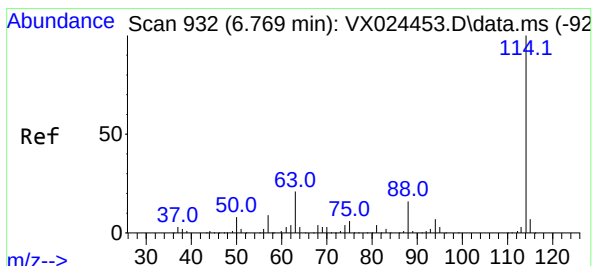
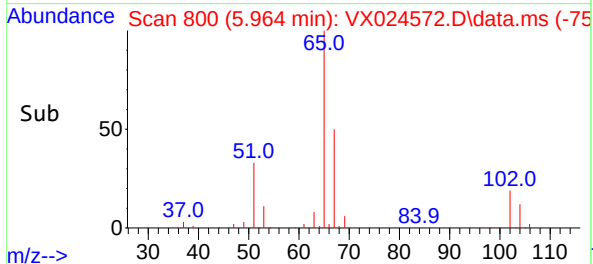
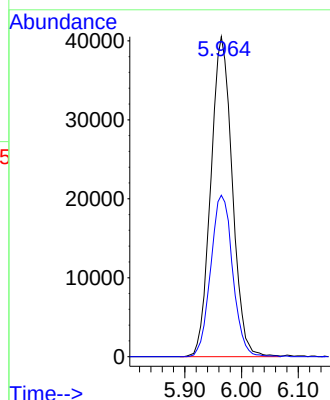
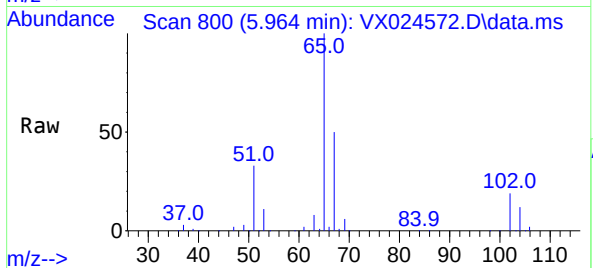


#33

1,2-Dichloroethane-d4
Concen: 50.69 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024572.D
Acq: 05 Oct 2021 15:39

Instrument :
MSVOA_X
ClientSampled :
MW-4DL

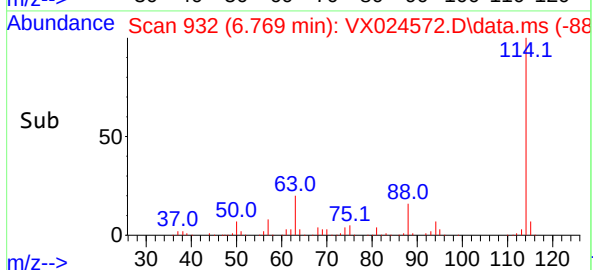
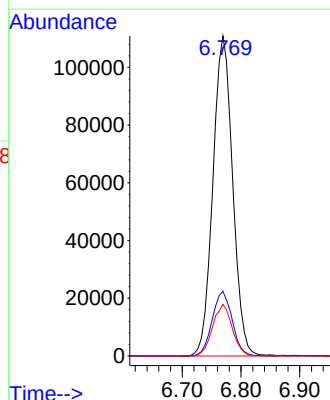
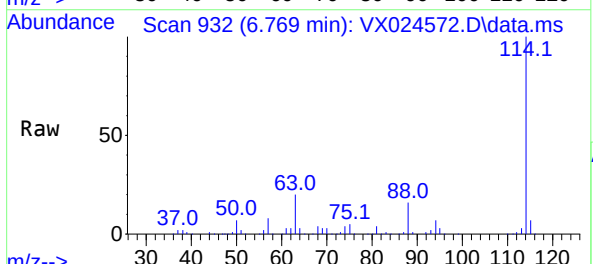
Tgt Ion: 65 Resp: 106512
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

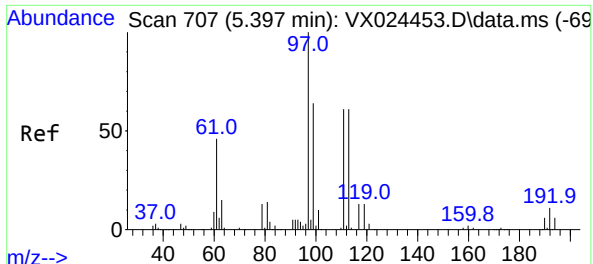


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024572.D
Acq: 05 Oct 2021 15:39

Tgt Ion: 114 Resp: 259032
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.43 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024572.D

Acq: 05 Oct 2021 15:39

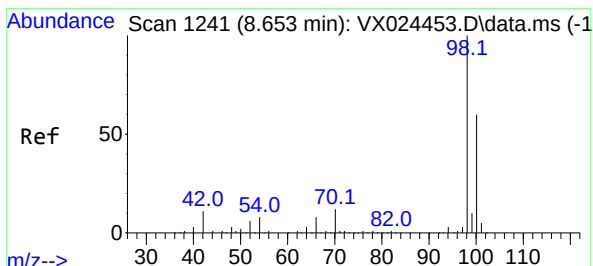
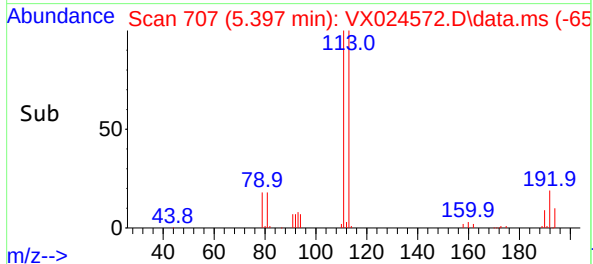
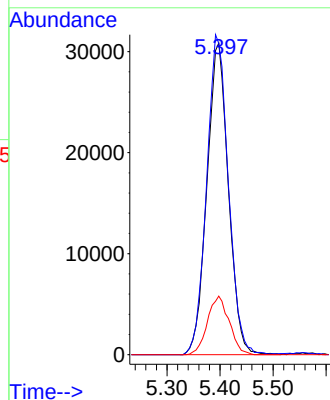
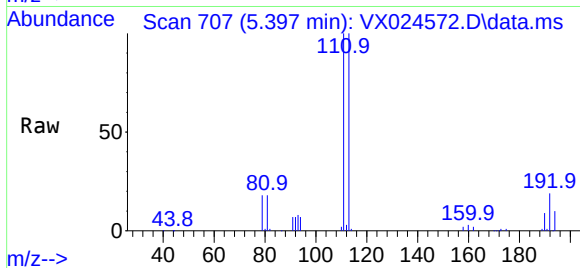
Tgt Ion:113 Resp: 86777

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 19.0 16.7 25.1



#50

Toluene-d8

Concen: 49.14 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024572.D

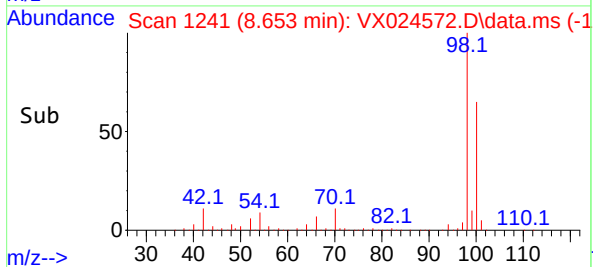
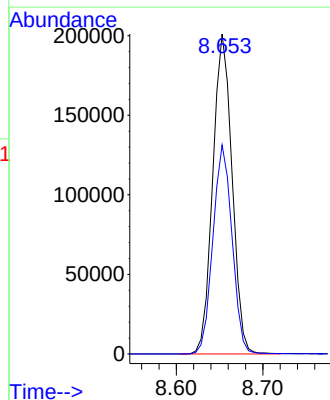
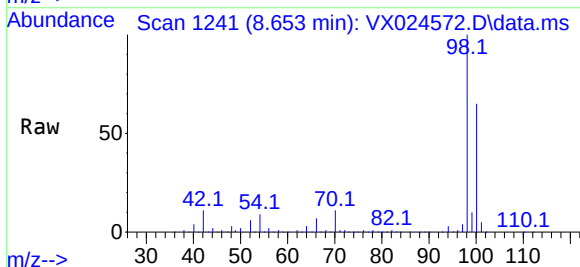
Acq: 05 Oct 2021 15:39

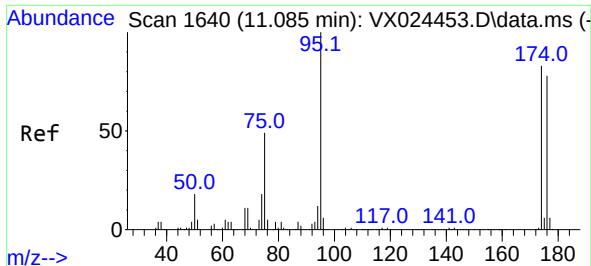
Tgt Ion: 98 Resp: 311209

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

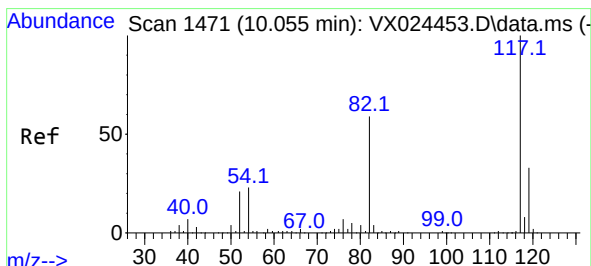
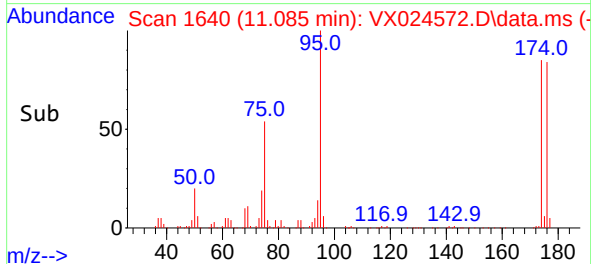
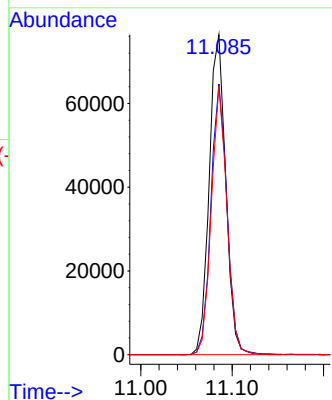
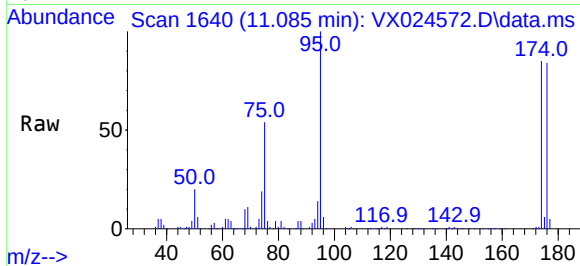




#62
4-Bromofluorobenzene
Concen: 38.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024572.D
Acq: 05 Oct 2021 15:39

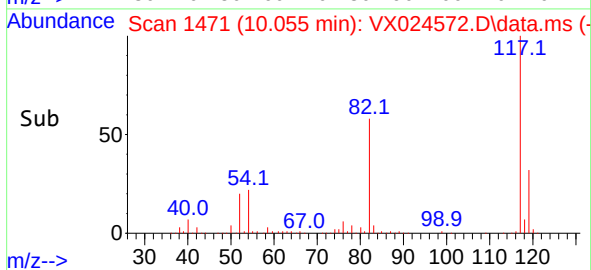
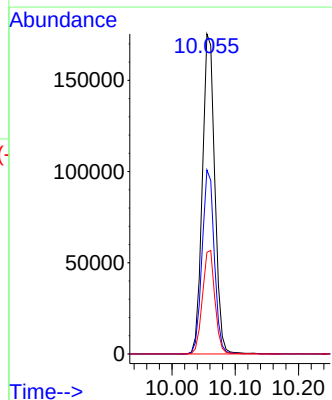
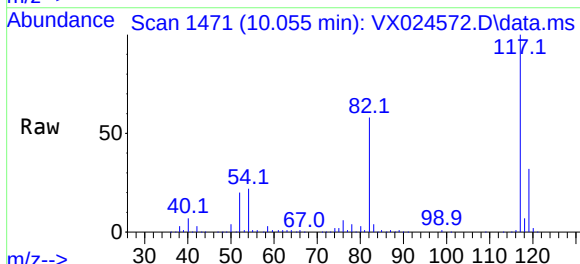
Instrument :
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MW-4DL

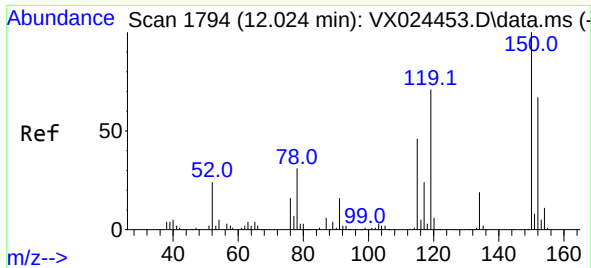
Tgt Ion: 95 Resp: 95877
Ion Ratio Lower Upper
95 100
174 82.6 0.0 154.6
176 79.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024572.D
Acq: 05 Oct 2021 15:39

Tgt Ion: 117 Resp: 240245
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.7 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024572.D
 Acq: 05 Oct 2021 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Tgt Ion:152 Resp: 87037
 Ion Ratio Lower Upper
 152 100
 115 59.3 41.1 123.3
 150 158.2 0.0 349.0

