

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024557.D
 Acq On : 05 Oct 2021 06:49
 Operator : JC/MD
 Sample : M3989-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Oct 05 08:36:14 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)

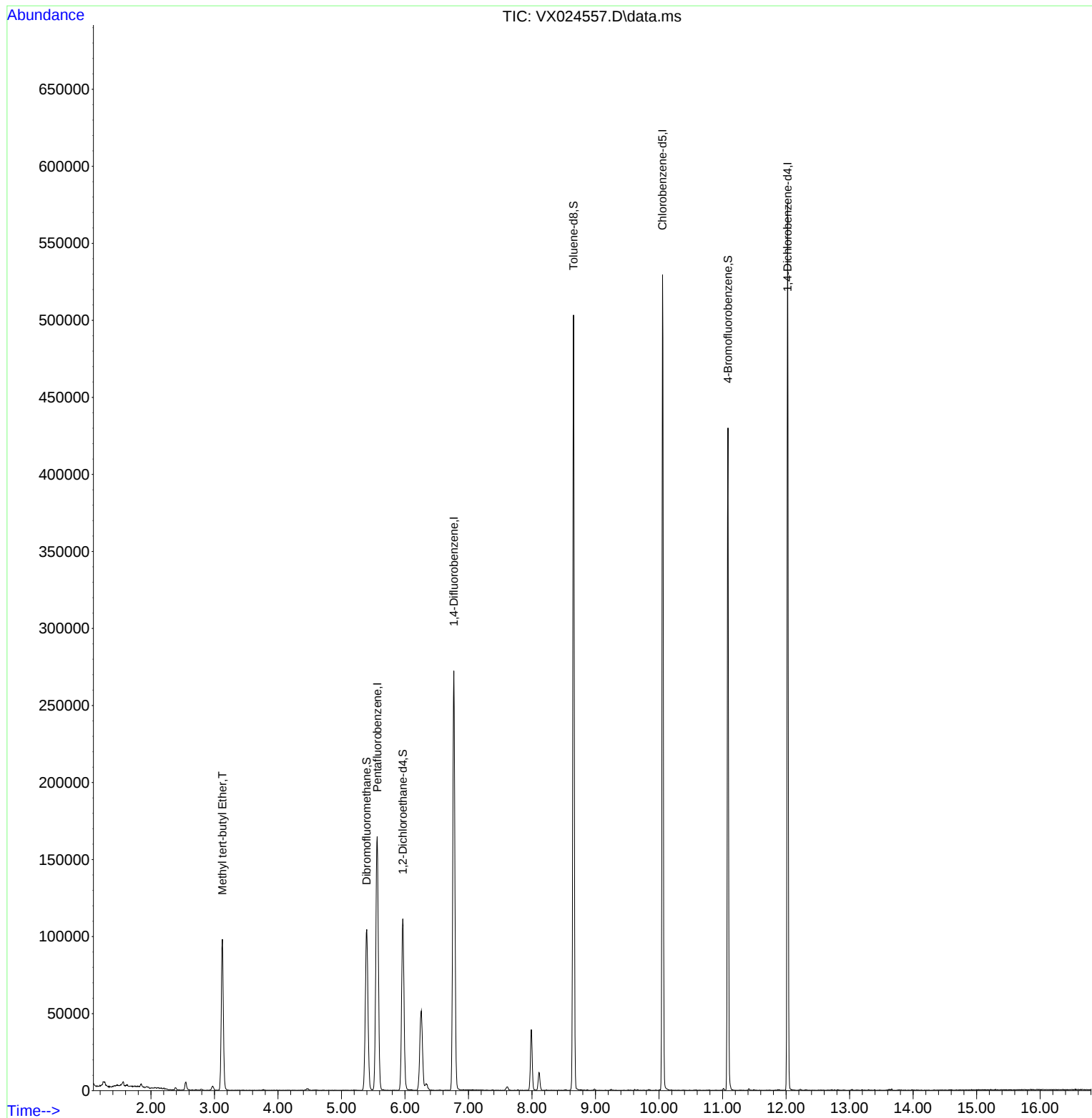
Internal Standards						
1) Pentafluorobenzene	5.562	168	155890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	272751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111168	50.60	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.20%
35) Dibromofluoromethane	5.397	113	90972	50.21	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.42%
50) Toluene-d8	8.653	98	288697	43.29	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.58%#
62) 4-Bromofluorobenzene	11.085	95	109843	41.89	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.78%
Target Compounds						
19) Methyl tert-butyl Ether	3.123	73	105121	19.52	ug/l	Qvalue 99

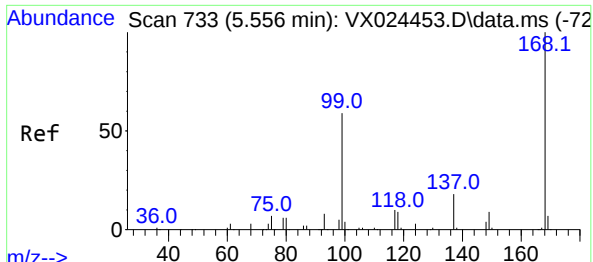
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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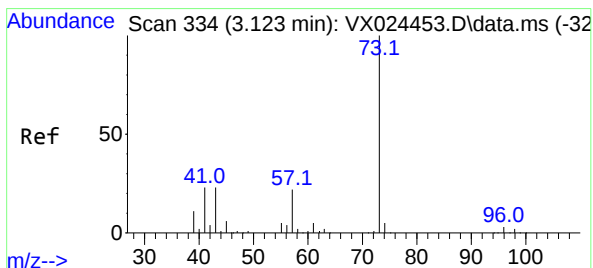
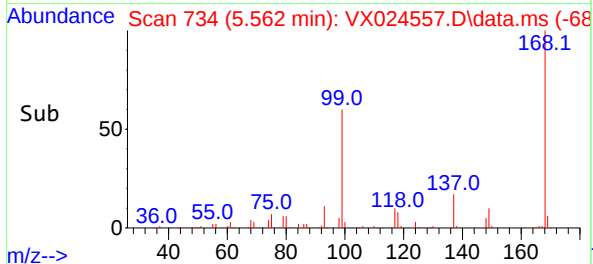
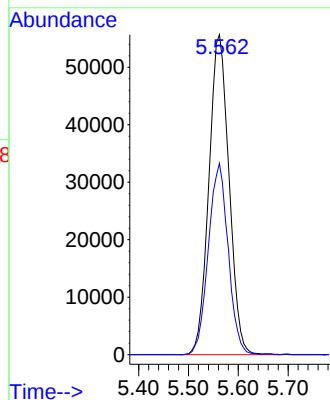
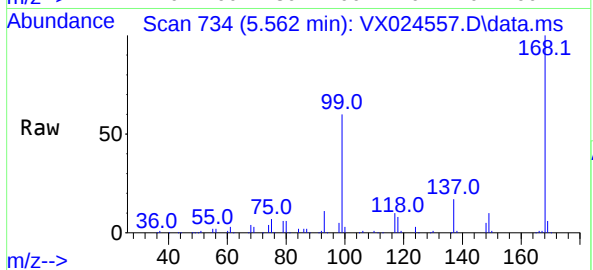




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

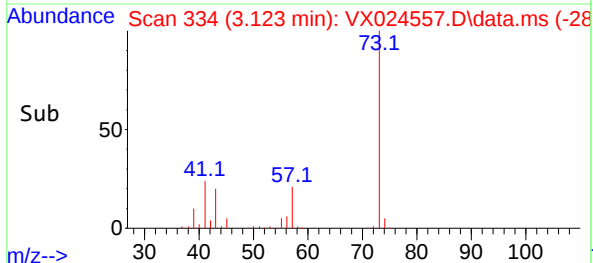
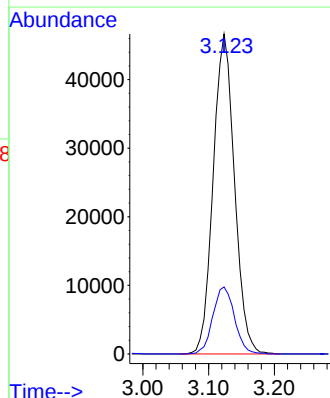
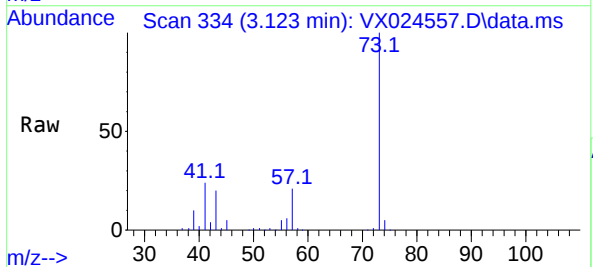
Instrument :
MSVOA_X
ClientSampled :
MW-6

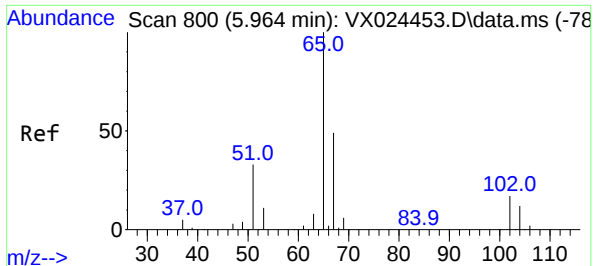
Tgt Ion:168 Resp: 155890
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#19
Methyl tert-butyl Ether
Concen: 19.52 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 73 Resp: 105121
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



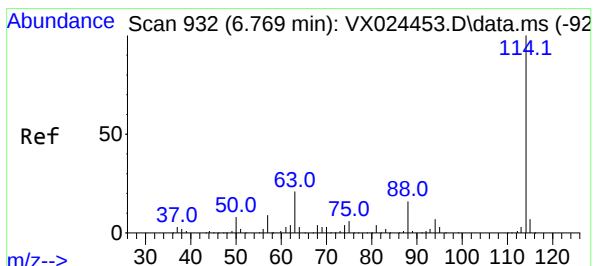
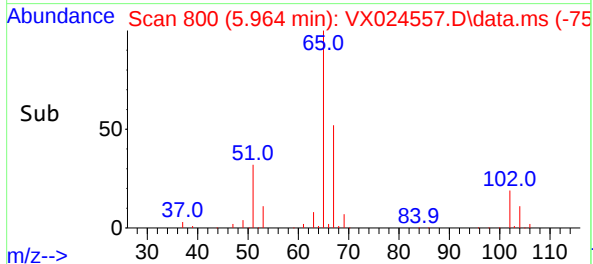
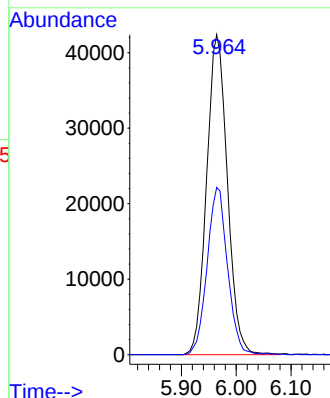
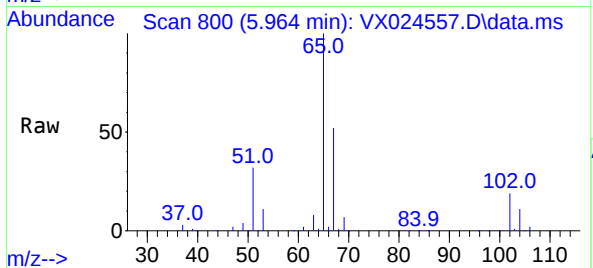


#33

1,2-Dichloroethane-d4
Concen: 50.60 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Instrument :
MSVOA_X
ClientSampled :
MW-6

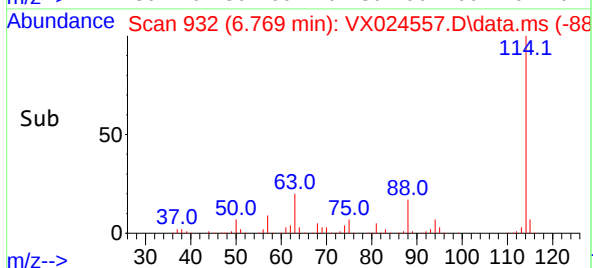
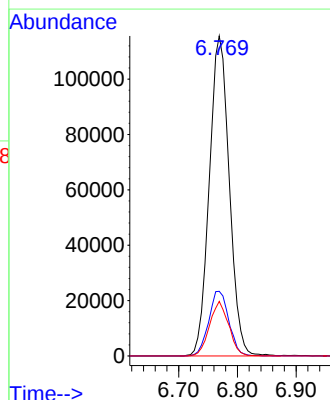
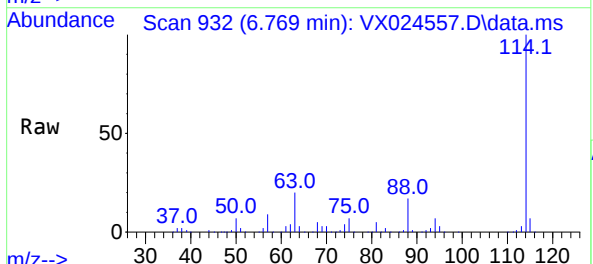
Tgt Ion: 65 Resp: 111168
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

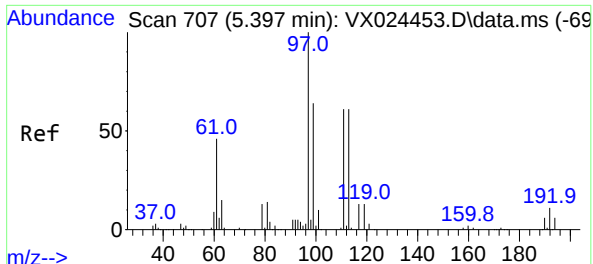


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 114 Resp: 272751
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 17.0 0.0 32.8

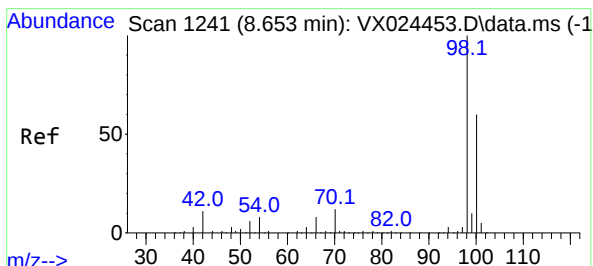
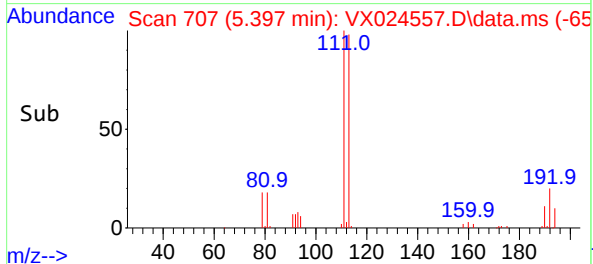
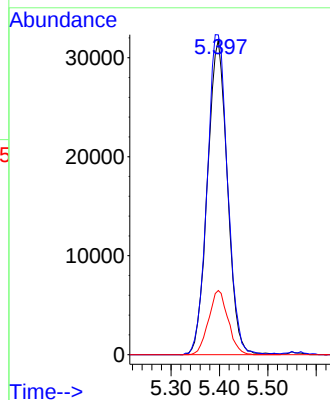
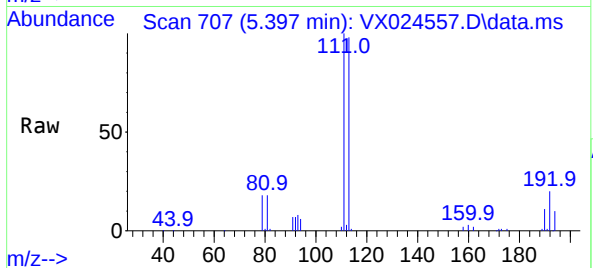




#35
Dibromofluoromethane
Concen: 50.21 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

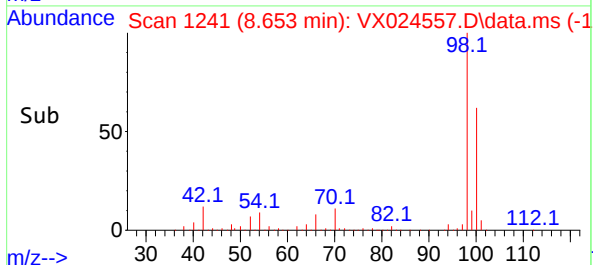
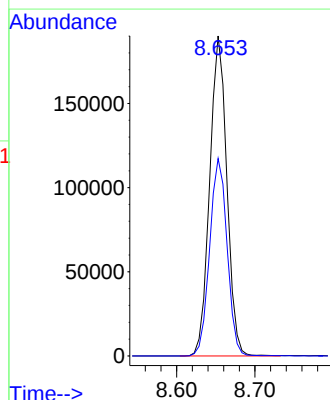
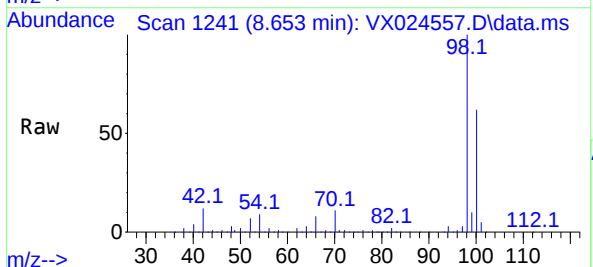
Instrument :
MSVOA_X
ClientSampleId :
MW-6

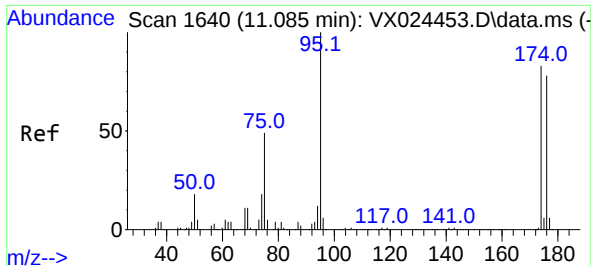
Tgt Ion:113 Resp: 90972
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 19.9 16.7 25.1



#50
Toluene-d8
Concen: 43.29 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 98 Resp: 288697
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9

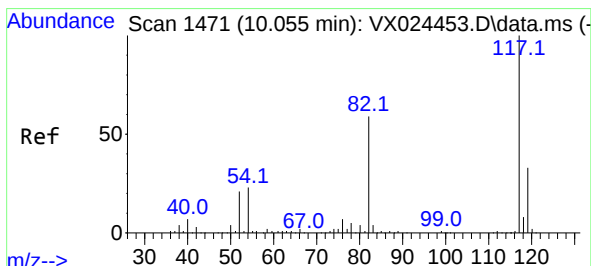
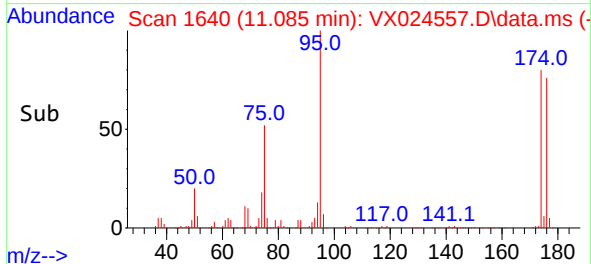
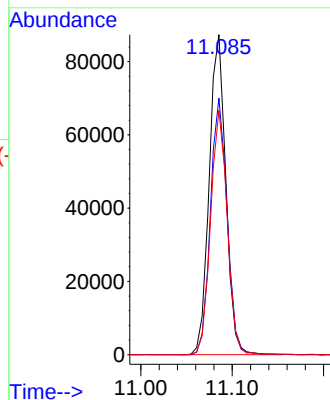
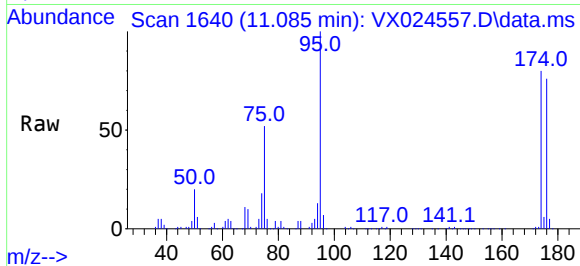




#62
4-Bromofluorobenzene
Concen: 41.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

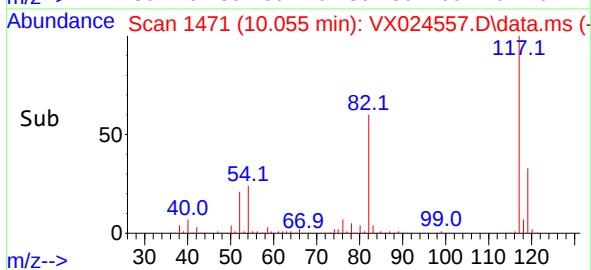
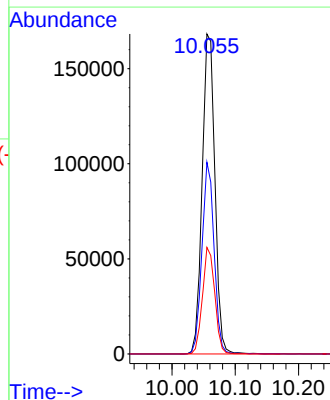
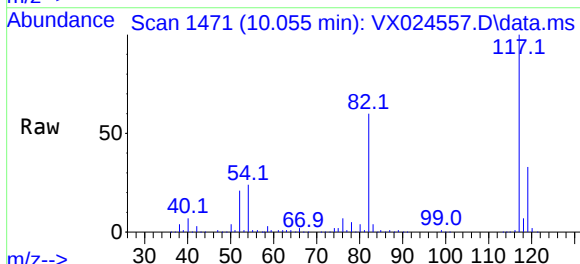
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ClientSampled :
MW-6

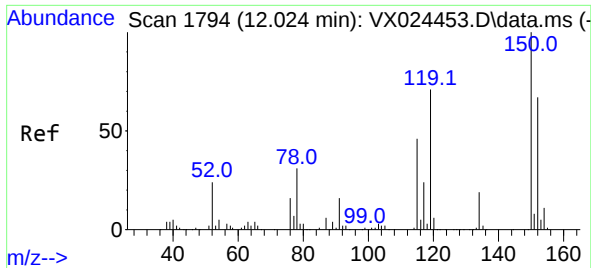
Tgt Ion: 95 Resp: 109843
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 76.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024557.D
Acq: 05 Oct 2021 06:49

Tgt Ion: 117 Resp: 235999
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 33.3 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: VX024557.D
 Acq: 05 Oct 2021 06:49

Instrument :
 MSVOA_X
 ClientSampled :
 MW-6

Tgt Ion:152 Resp: 118450
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.1 123.3
 150 156.5 0.0 349.0

