

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024718.D
 Acq On : 11 Oct 2021 17:38
 Operator : JC/MD
 Sample : M4144-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQ-COMP-100721

Quant Time: Oct 11 18:11:01 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)

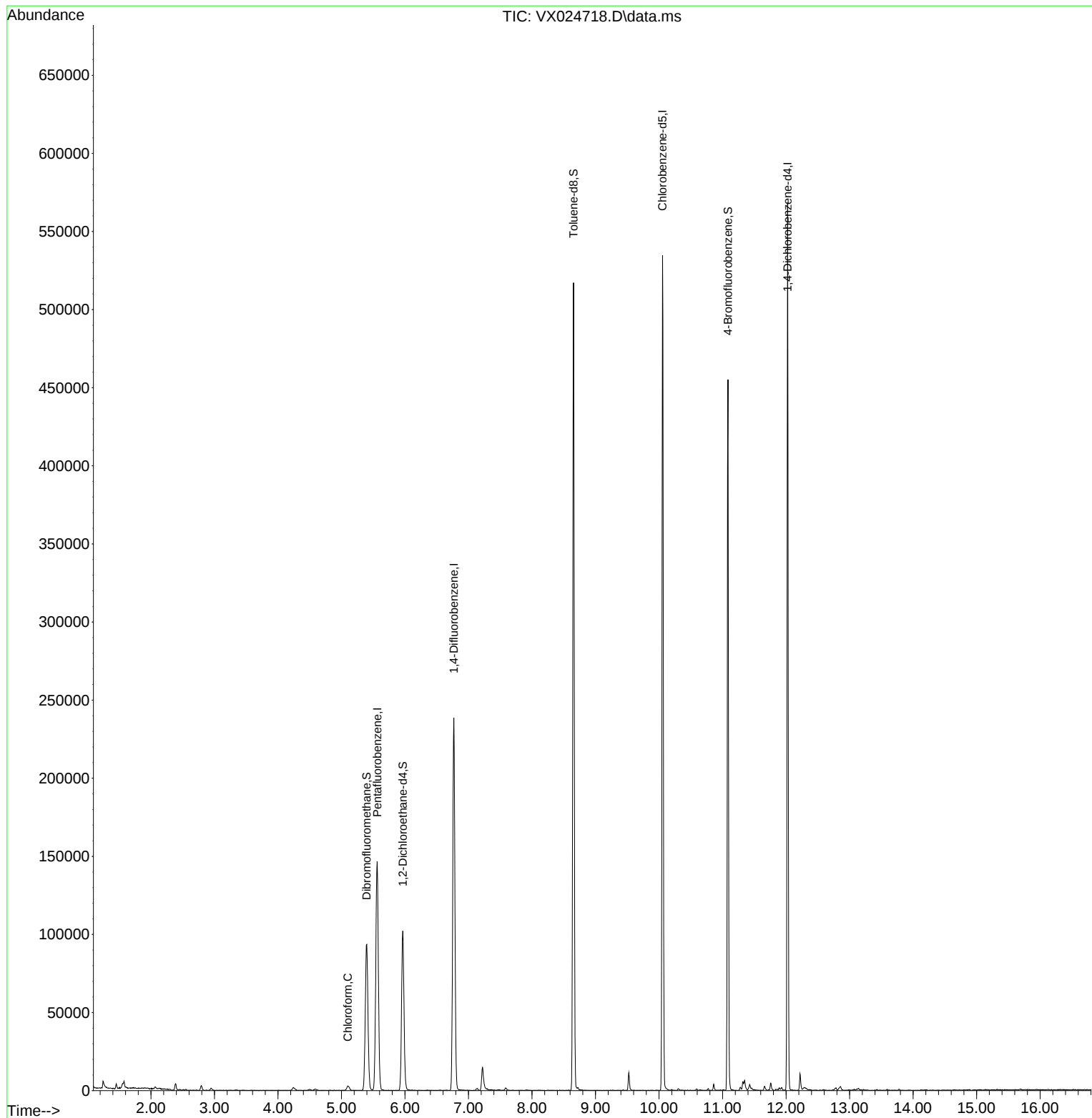
Internal Standards						
1) Pentafluorobenzene	5.562	168	137471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102961	53.142	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	106.280%	
35) Dibromofluoromethane	5.397	113	79689	50.260	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.520%	
50) Toluene-d8	8.653	98	294454	50.458	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.920%	
62) 4-Bromofluorobenzene	11.085	95	115019	50.129	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.260%	
Target Compounds						
						Qvalue
30) Chloroform	5.099	83	3370	1.168	ug/l	93

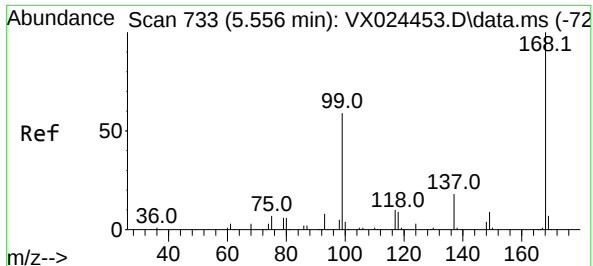
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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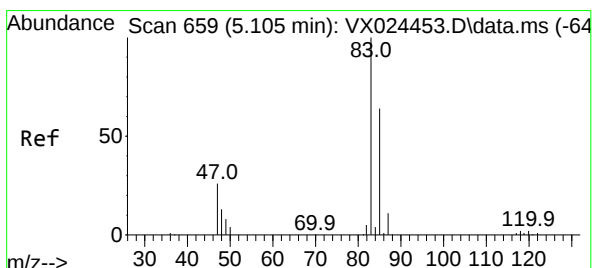
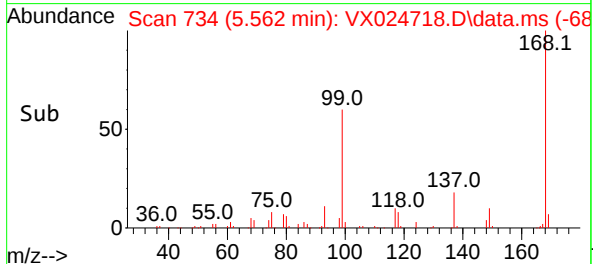
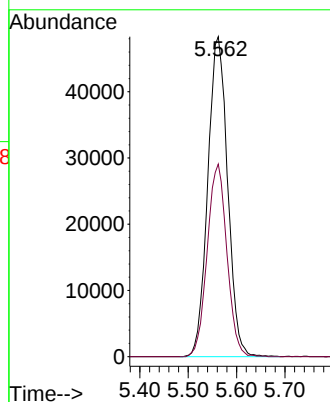
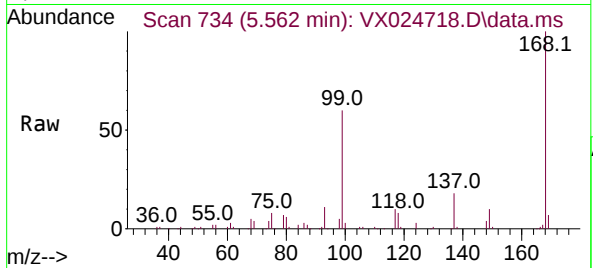




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

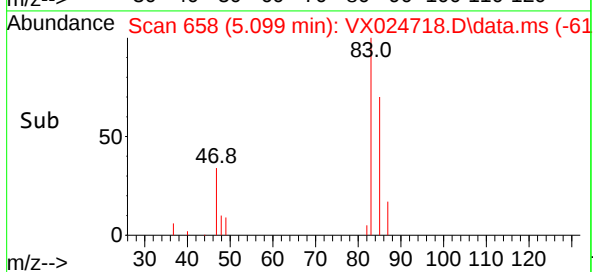
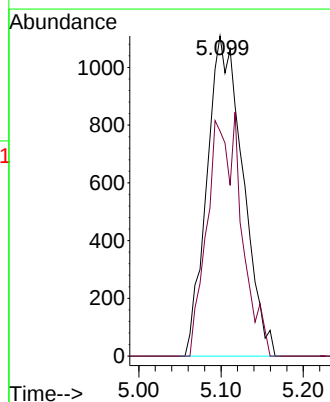
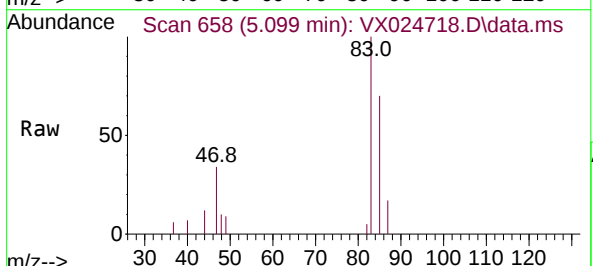
Instrument :
MSVOA_X
ClientSampleId :
IDW-LIQ-COMP-100721

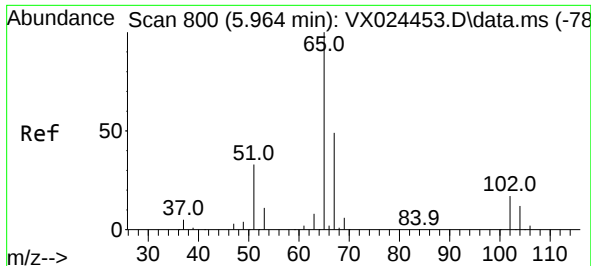
Tgt Ion:168 Resp: 137471
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#30
Chloroform
Concen: 1.168 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 83 Resp: 3370
Ion Ratio Lower Upper
83 100
85 70.2 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 53.142 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024718.D

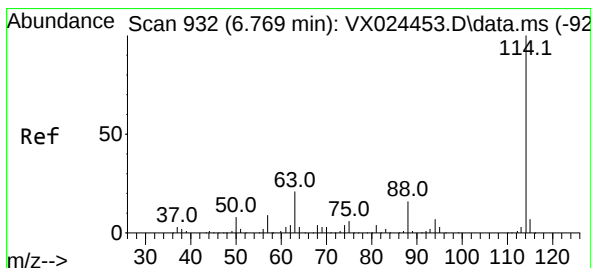
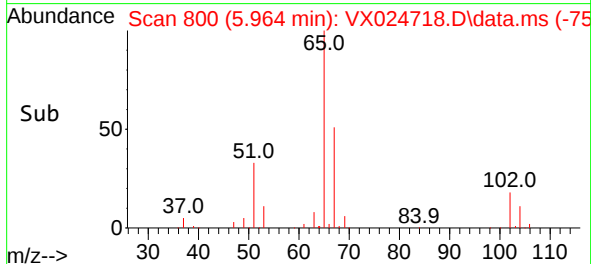
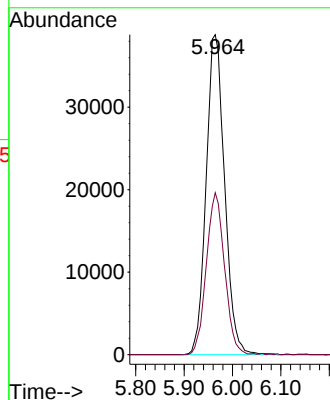
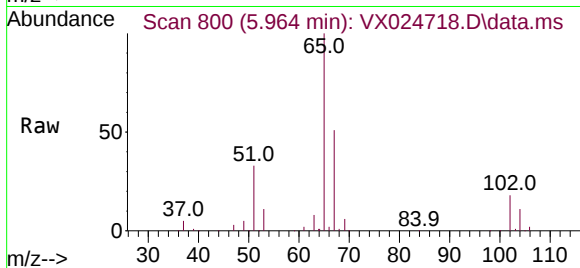
Acq: 11 Oct 2021 17:38

Tgt Ion: 65 Resp: 102961

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: VX024718.D

Acq: 11 Oct 2021 17:38

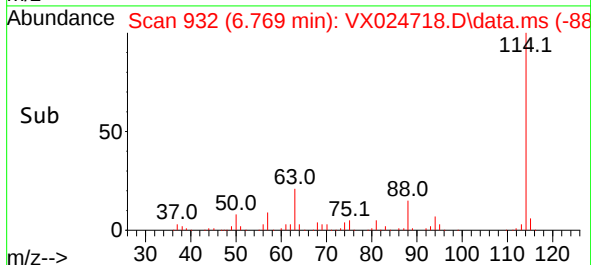
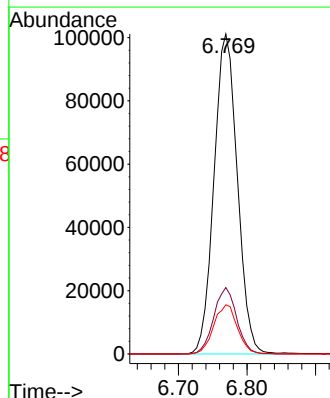
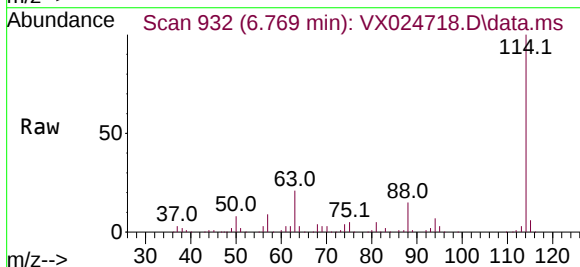
Tgt Ion: 114 Resp: 238669

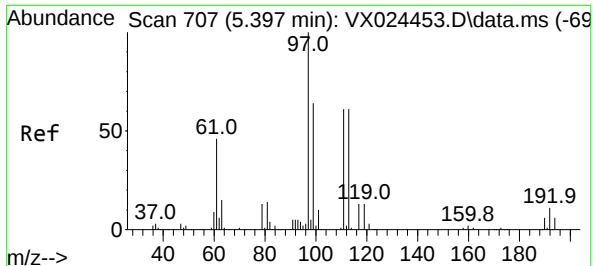
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.3 0.0 32.8

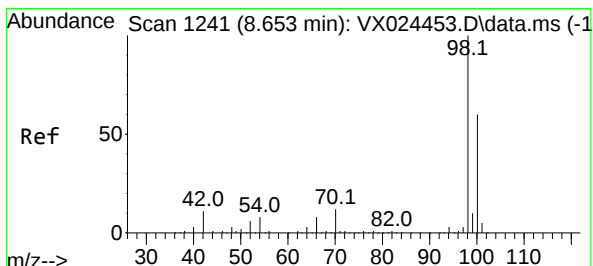
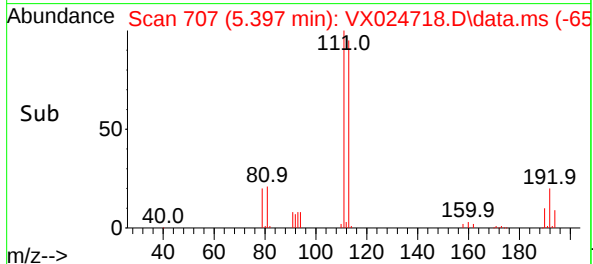
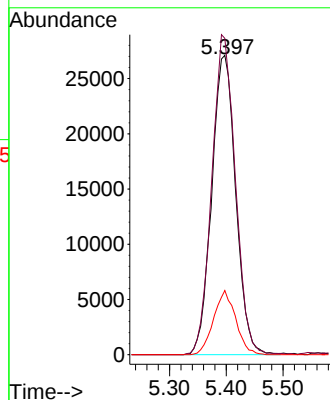
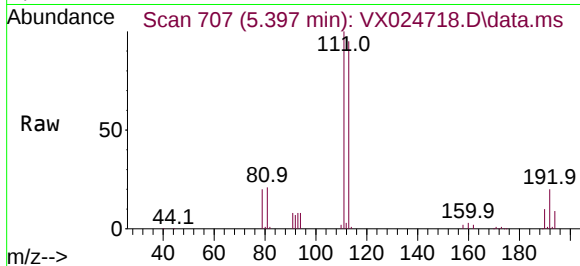




#35
Dibromofluoromethane
Concen: 50.260 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

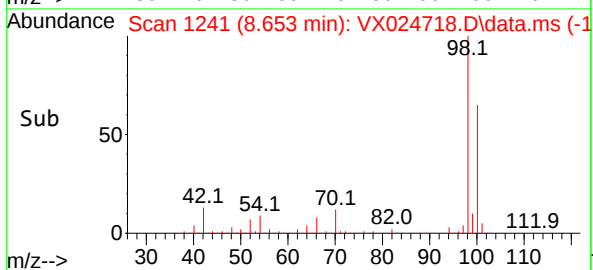
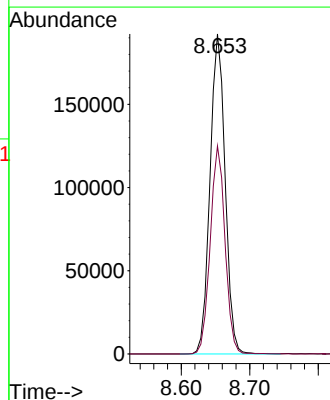
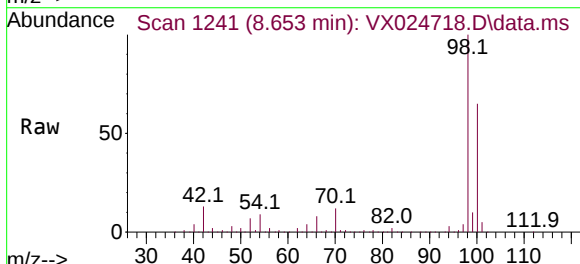
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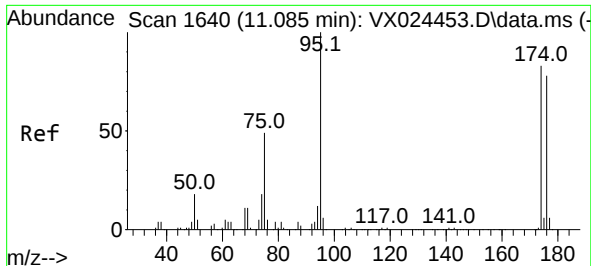
Tgt Ion:113 Resp: 79689
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 19.8 16.7 25.1



#50
Toluene-d8
Concen: 50.458 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 98 Resp: 294454
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

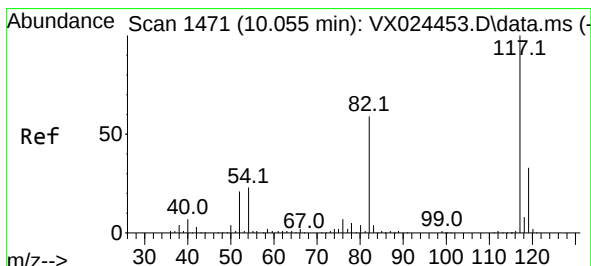
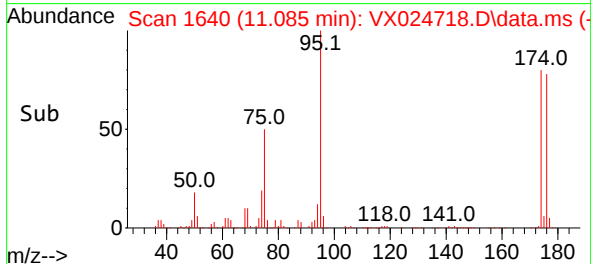
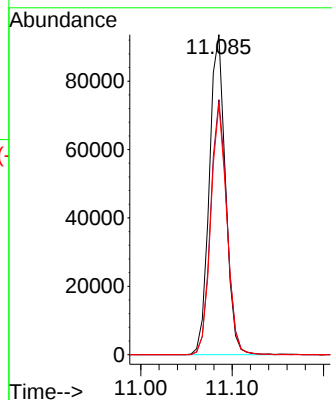
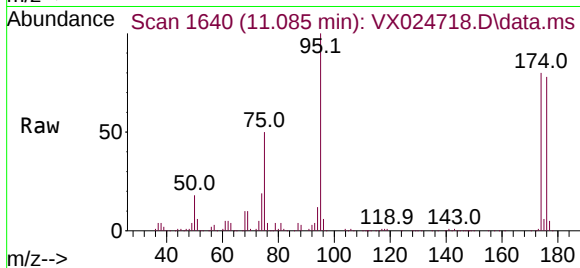




#62
4-Bromofluorobenzene
Concen: 50.129 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

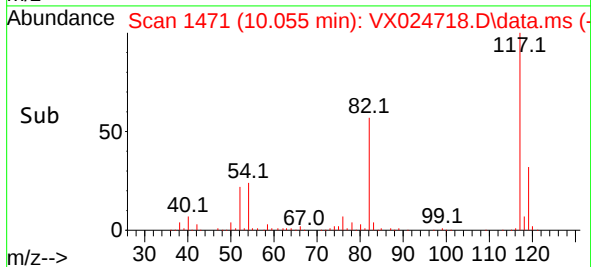
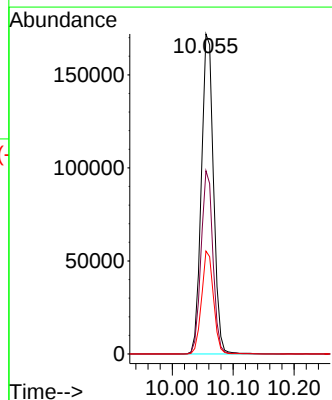
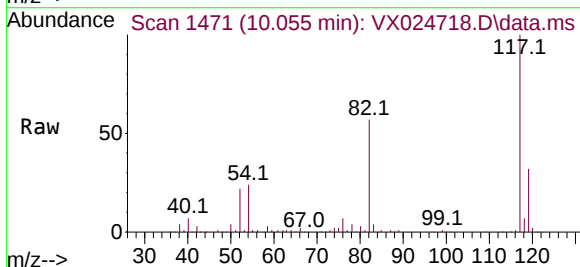
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MSVOA_X
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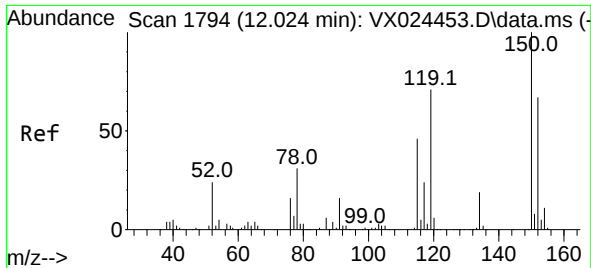
Tgt Ion: 95 Resp: 115019
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 77.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024718.D
Acq: 11 Oct 2021 17:38

Tgt Ion: 117 Resp: 238053
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.2 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024718.D
 Acq: 11 Oct 2021 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-LIQ-COMP-100721

Tgt Ion:152 Resp: 108491
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 156.7 0.0 349.0

