

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024768.D
 Acq On : 12 Oct 2021 17:11
 Operator : JC/MD
 Sample : M4170-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 12 17:35:59 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	131115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101179	54.753	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.500%
35) Dibromofluoromethane	5.397	113	78696	51.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.860%
50) Toluene-d8	8.653	98	283241	50.296	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.085	95	112492	50.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.620%

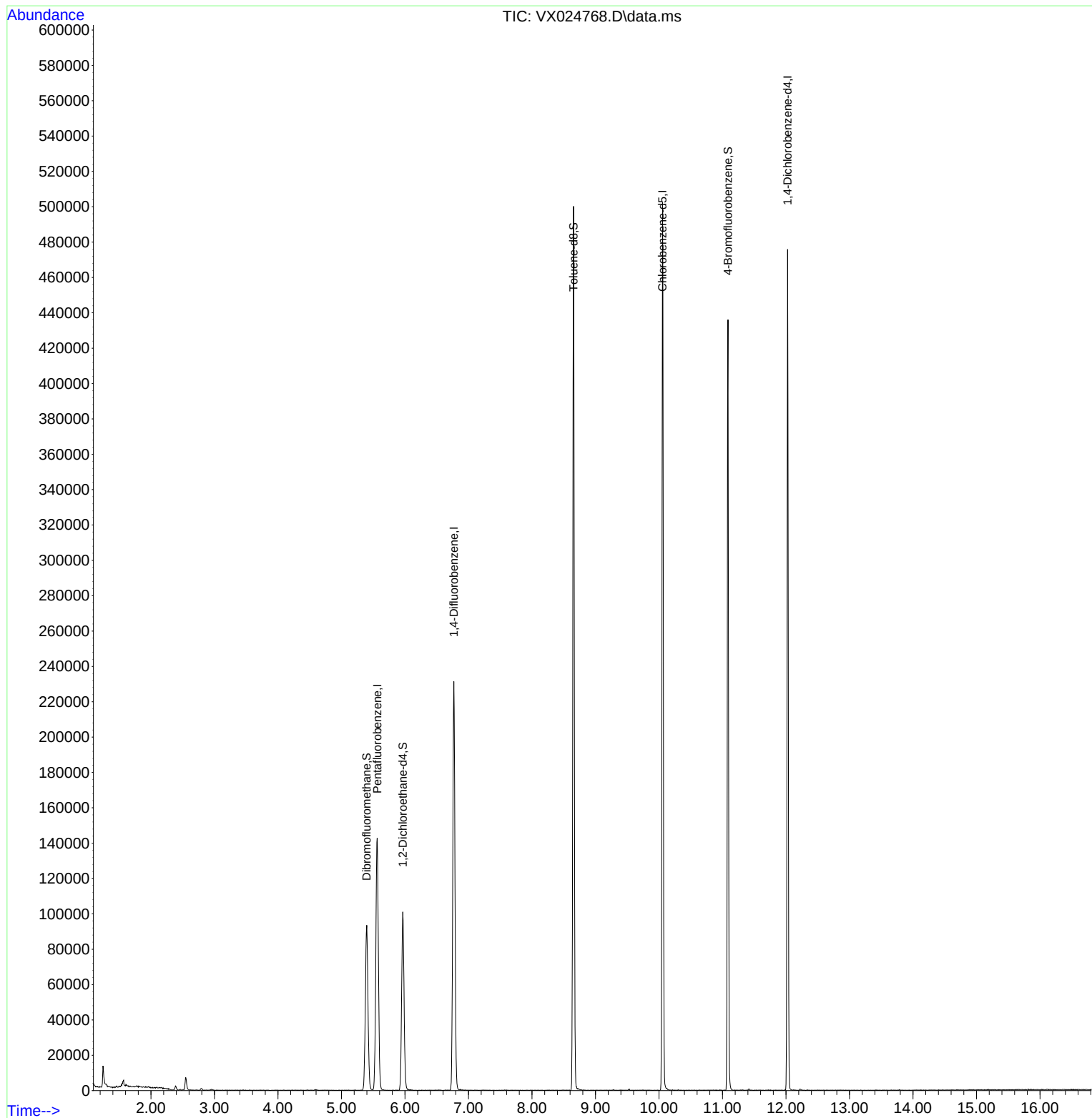
Target Compounds	Qvalue

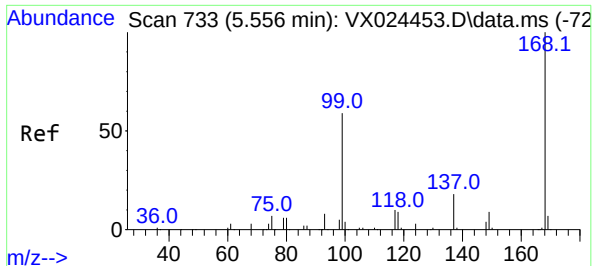
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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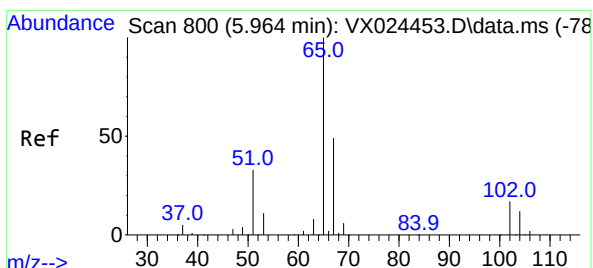
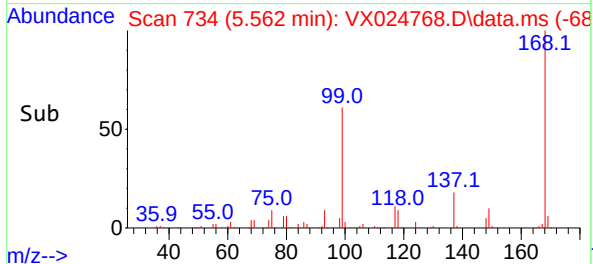
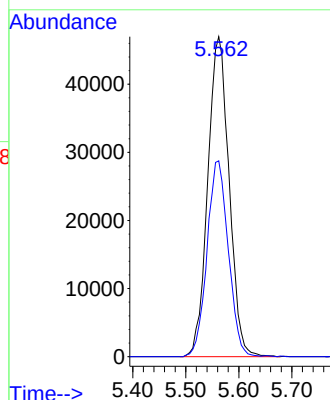
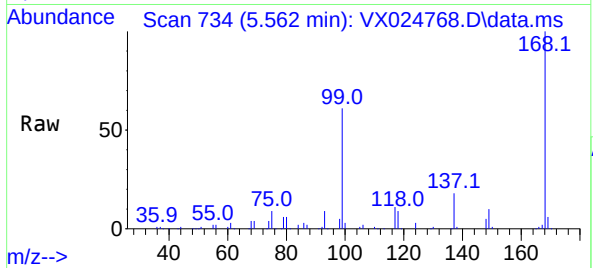




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

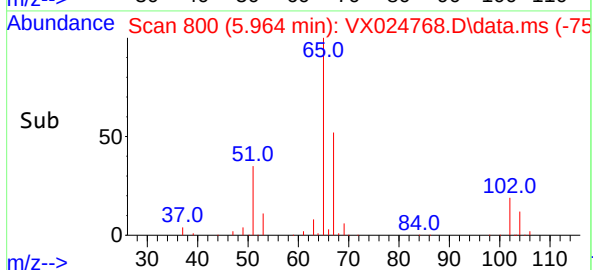
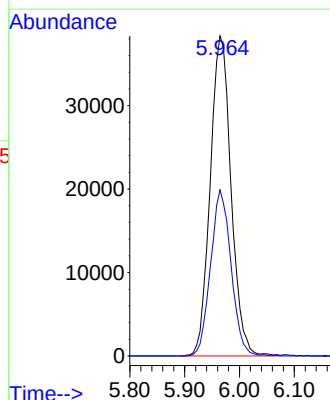
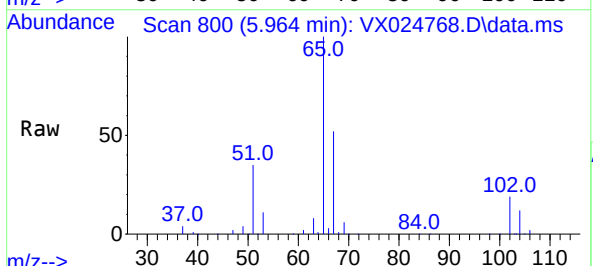
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

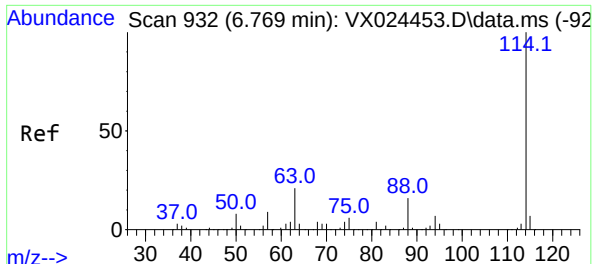
Tgt Ion:168 Resp: 131115
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 54.753 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 65 Resp: 101179
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

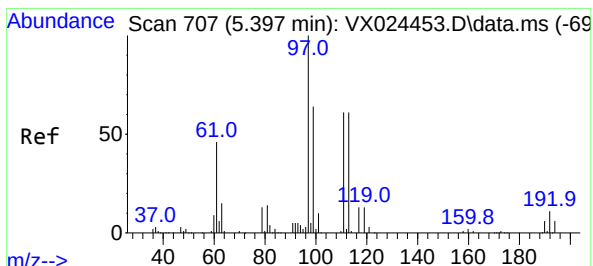
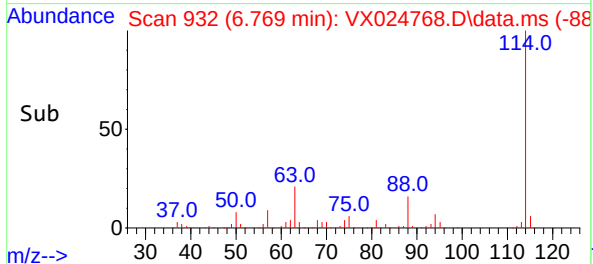
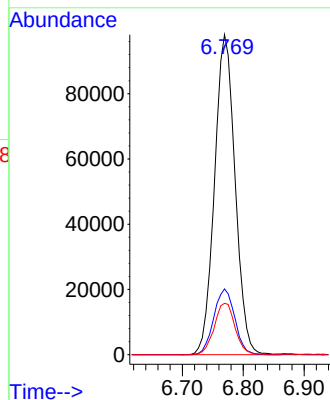
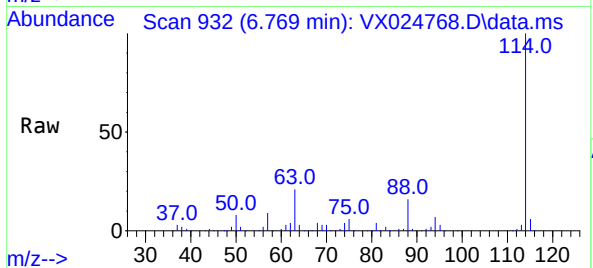




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

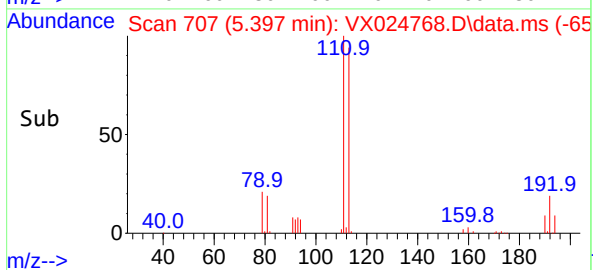
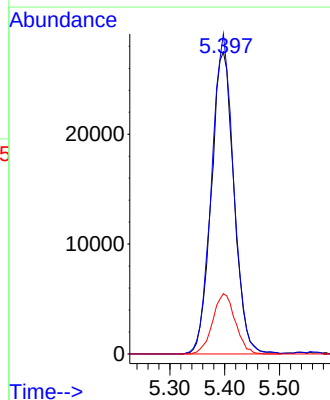
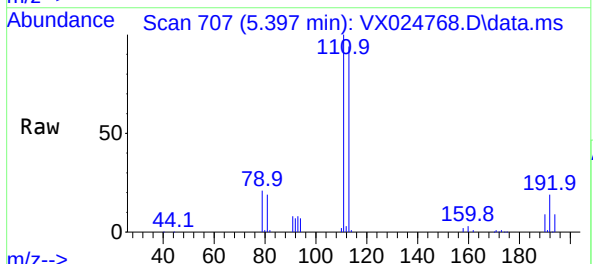
Instrument :
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ClientSampleId :
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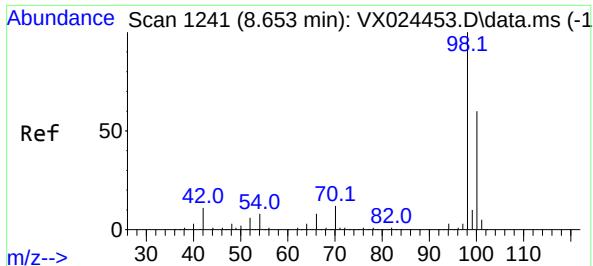
Tgt Ion:114 Resp: 230318
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion:113 Resp: 78696
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 19.9 16.7 25.1

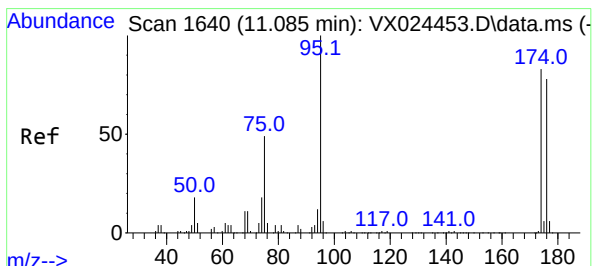
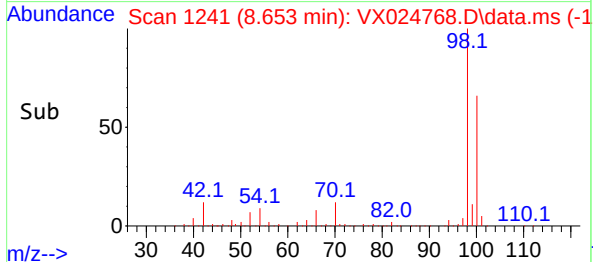
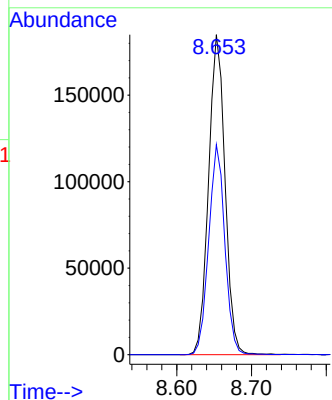
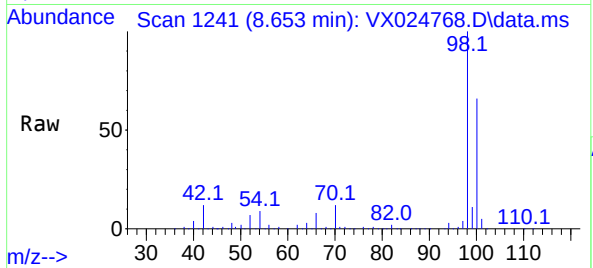




#50
Toluene-d8
Concen: 50.296 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

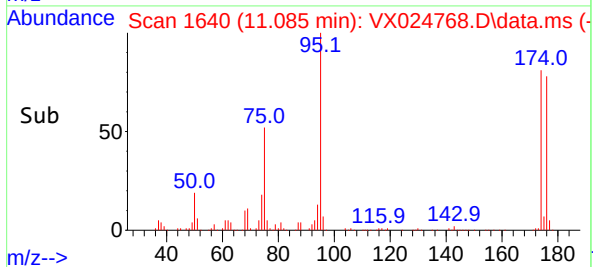
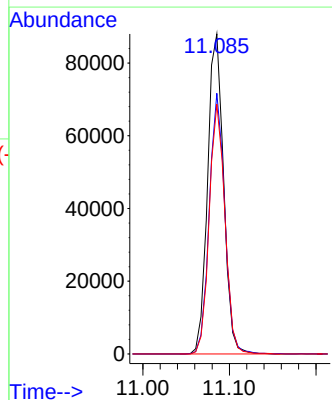
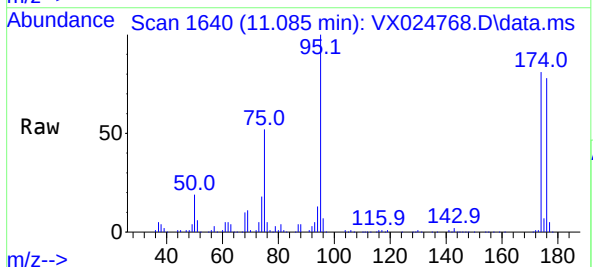
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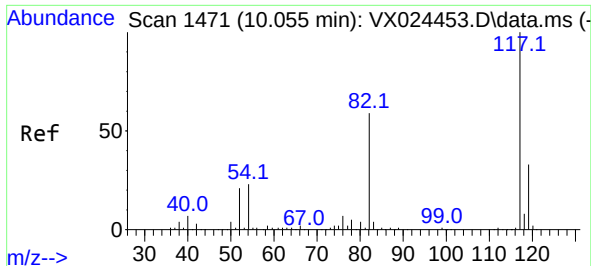
Tgt Ion: 98 Resp: 283241
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.805 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 95 Resp: 112492
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.7 0.0 155.8

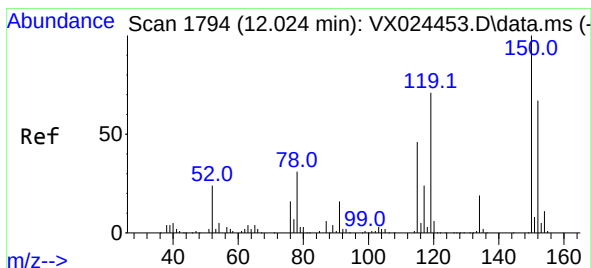
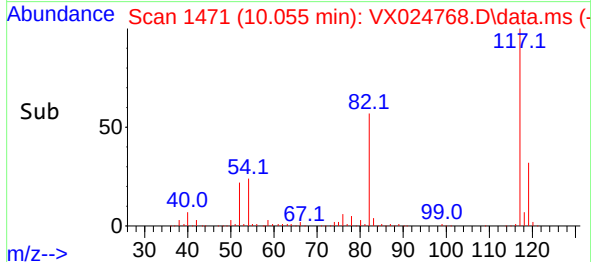
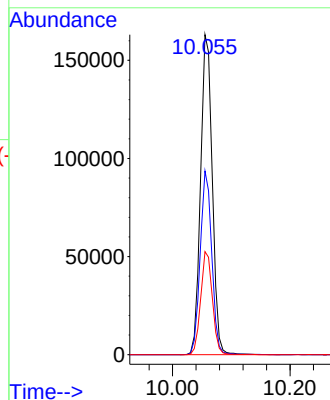
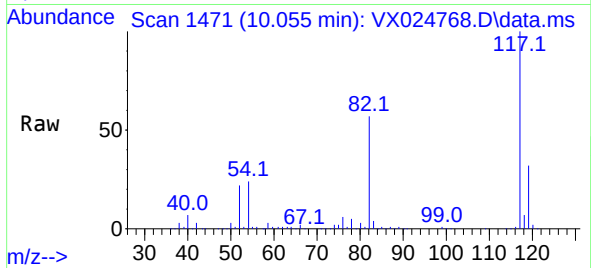




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion:117 Resp: 225962
Ion Ratio Lower Upper
117 100
82 57.4 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: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion:152 Resp: 96070
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 159.3 0.0 349.0

