

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023553.D
 Acq On : 04 Aug 2021 20:21
 Operator : JC/MD
 Sample : M3251-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Aug 05 06:10:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	162444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	269278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105018	51.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.660%
35) Dibromofluoromethane	5.397	113	86661	51.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.940%
50) Toluene-d8	8.653	98	322692	52.167	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.340%
62) 4-Bromofluorobenzene	11.085	95	95295	45.305	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.620%

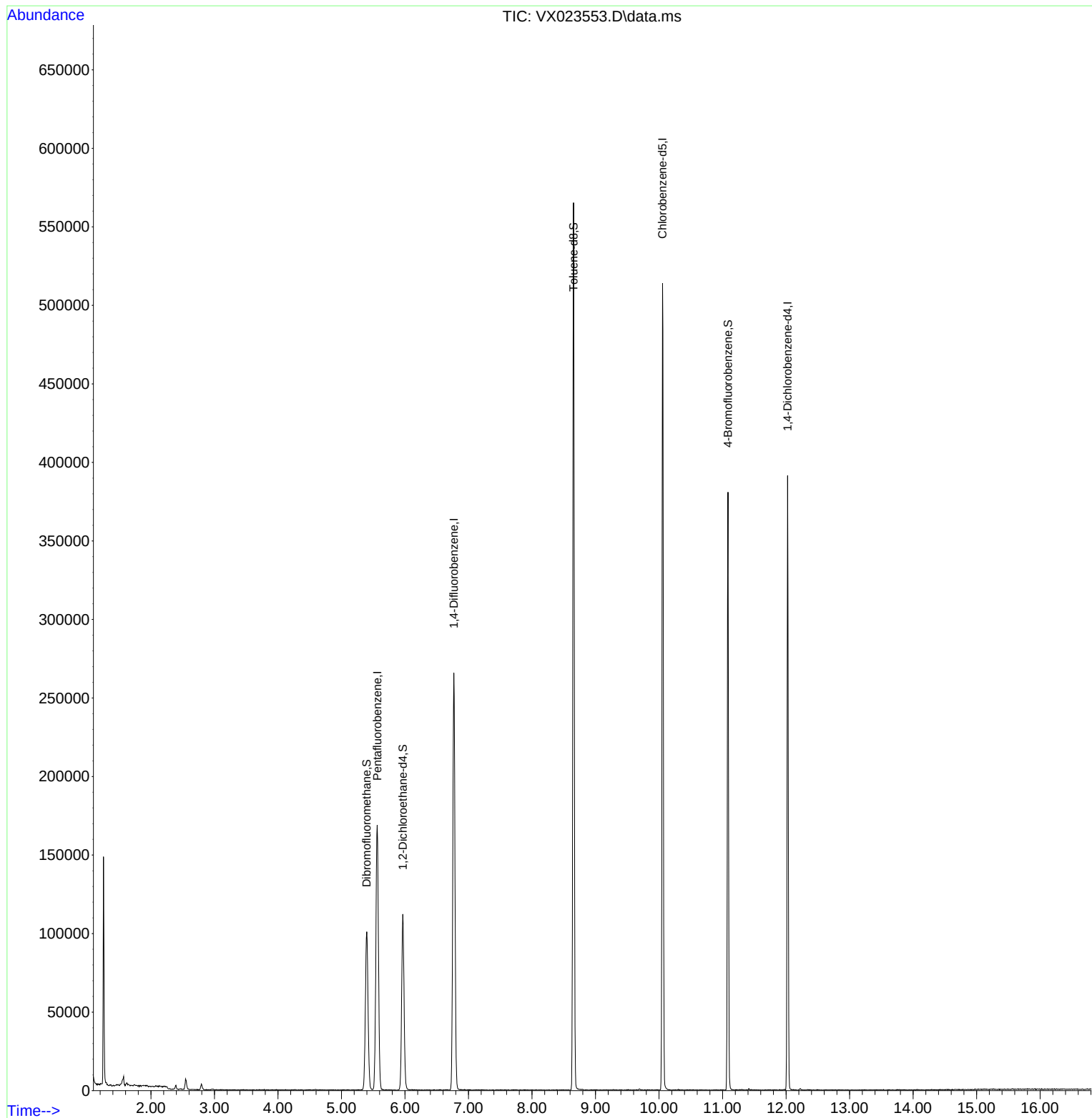
Target Compounds	Qvalue

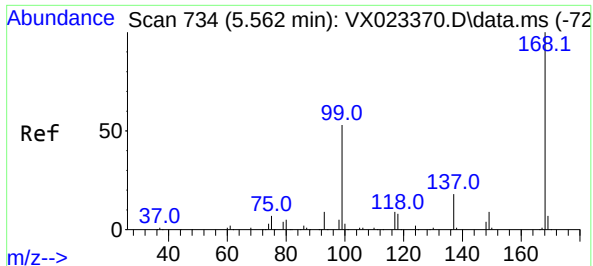
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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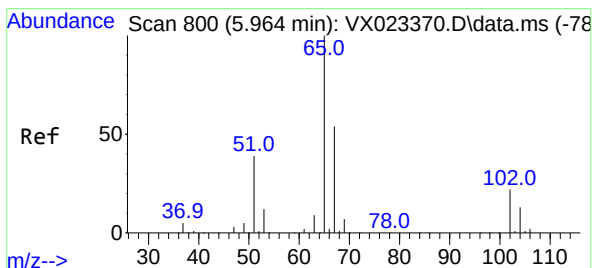
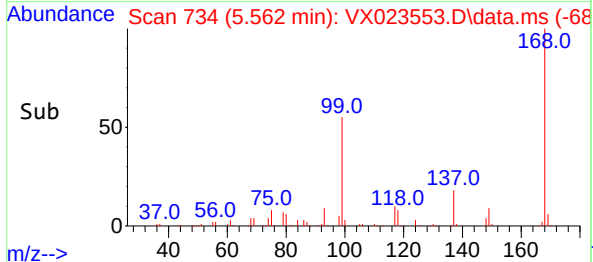
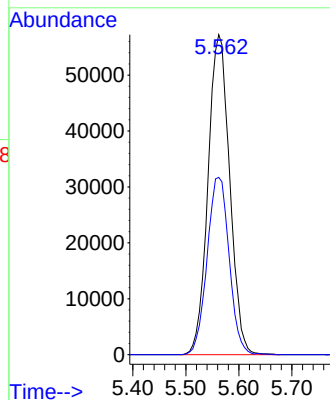
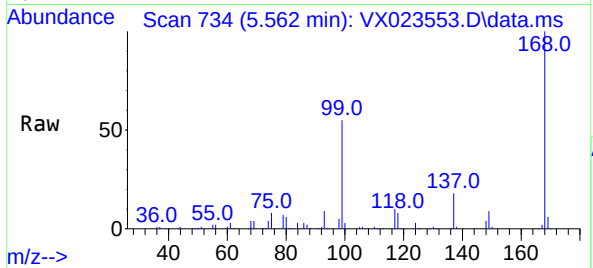




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023553.D
Acq: 04 Aug 2021 20:21

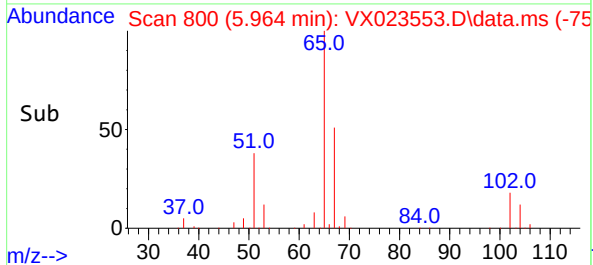
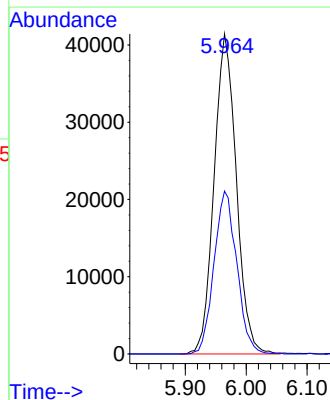
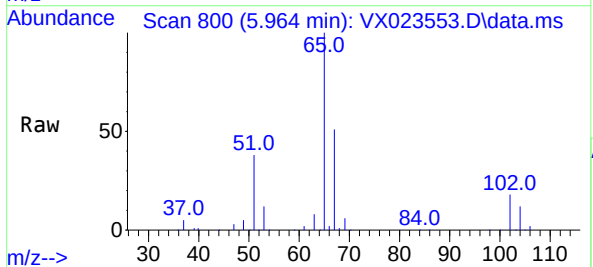
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

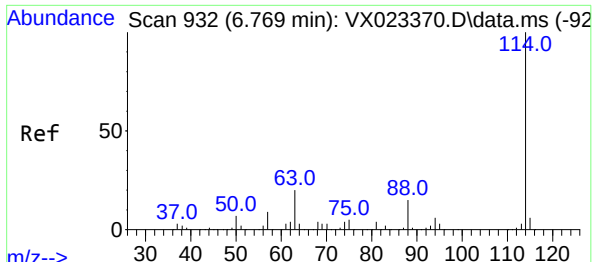
Tgt Ion:168 Resp: 162444
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 51.826 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023553.D
Acq: 04 Aug 2021 20:21

Tgt Ion: 65 Resp: 105018
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

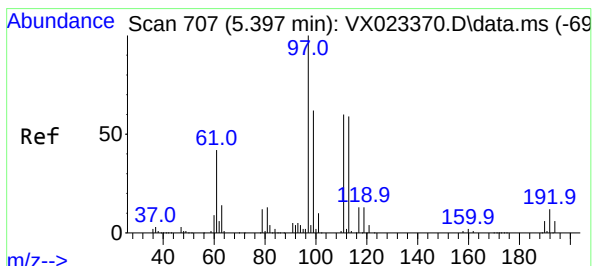
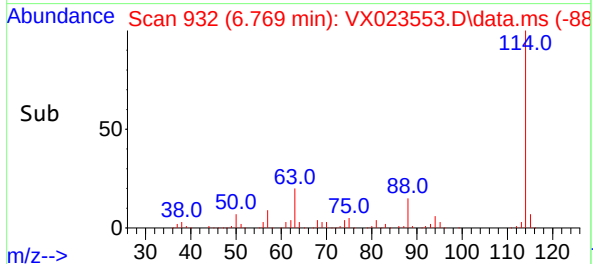
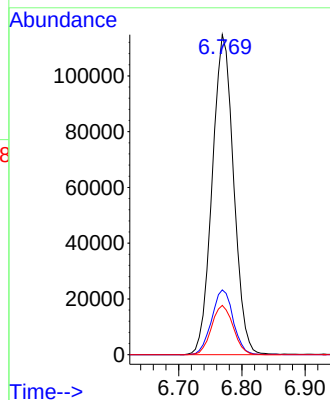
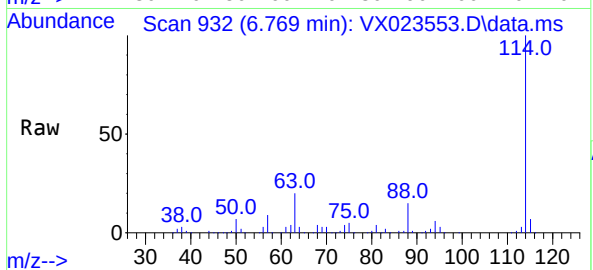




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023553.D
Acq: 04 Aug 2021 20:21

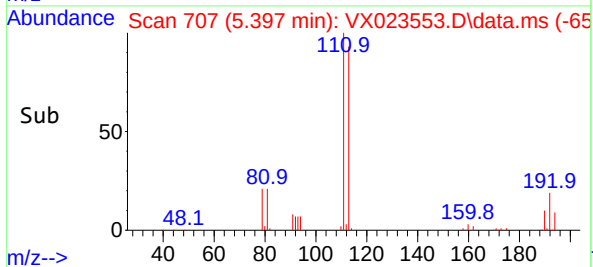
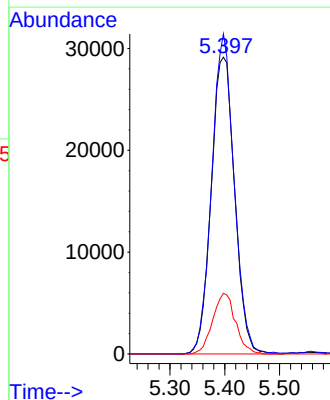
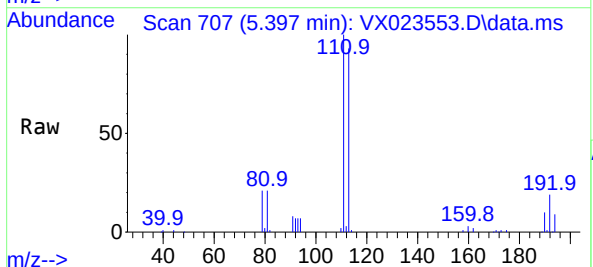
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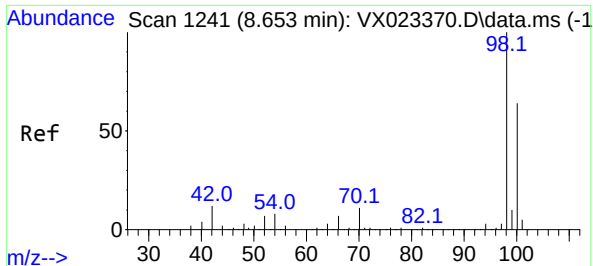
Tgt Ion:114 Resp: 269278
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023553.D
Acq: 04 Aug 2021 20:21

Tgt Ion:113 Resp: 86661
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.9 16.7 25.1





#50

Toluene-d8

Concen: 52.167 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023553.D

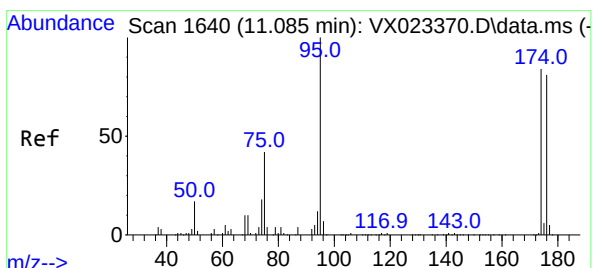
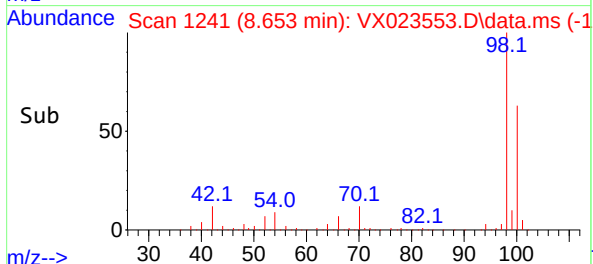
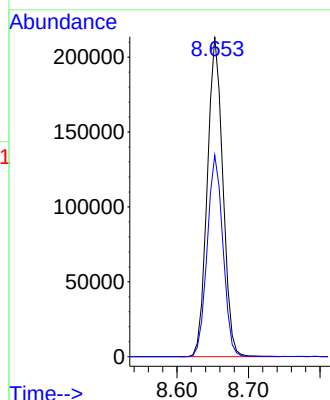
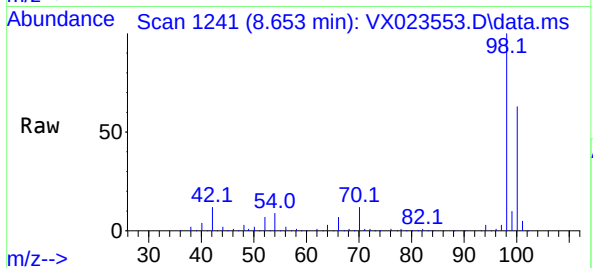
Acq: 04 Aug 2021 20:21

Tgt Ion: 98 Resp: 322692

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.305 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023553.D

Acq: 04 Aug 2021 20:21

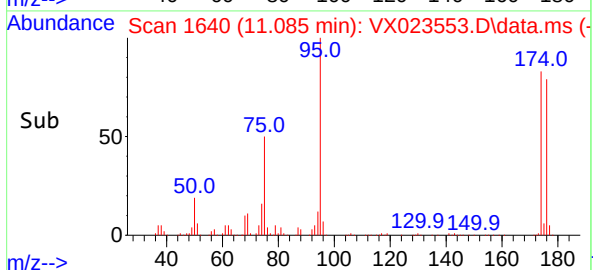
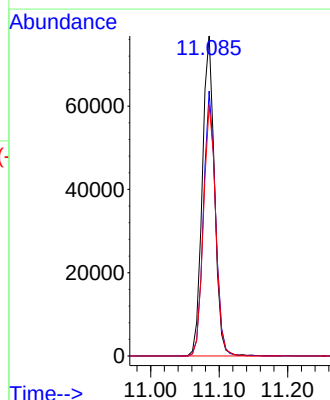
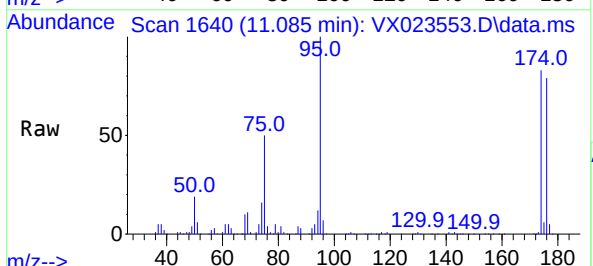
Tgt Ion: 95 Resp: 95295

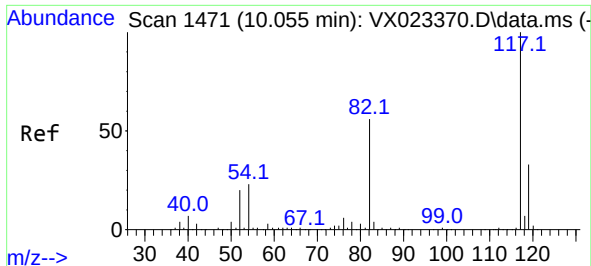
Ion Ratio Lower Upper

95 100

174 81.7 0.0 154.6

176 78.8 0.0 155.8

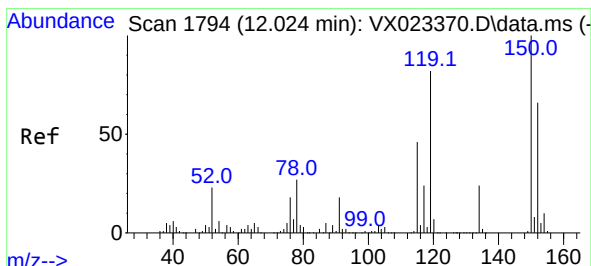
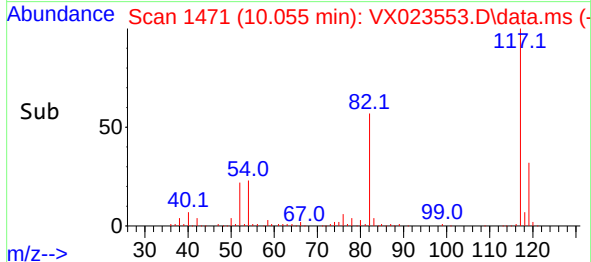
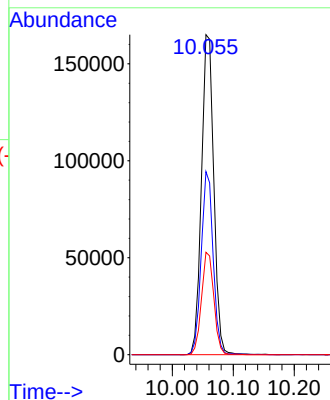
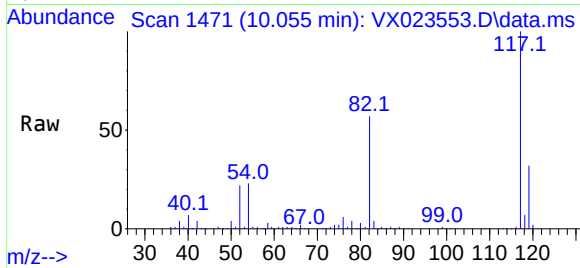




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023553.D
Acq: 04 Aug 2021 20:21

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Tgt Ion:117 Resp: 232717
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.0 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: VX023553.D
Acq: 04 Aug 2021 20:21

Tgt Ion:152 Resp: 78582
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.5 0.0 349.0

