

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039754.D
 Acq On : 15 Jan 2024 14:48
 Operator : JC/MD
 Sample : P1145-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240110

Quant Time: Jan 16 01:41:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85318	43.952	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.900%
35) Dibromofluoromethane	5.385	113	67606	46.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.647	98	261485	47.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.079	95	104206	48.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%

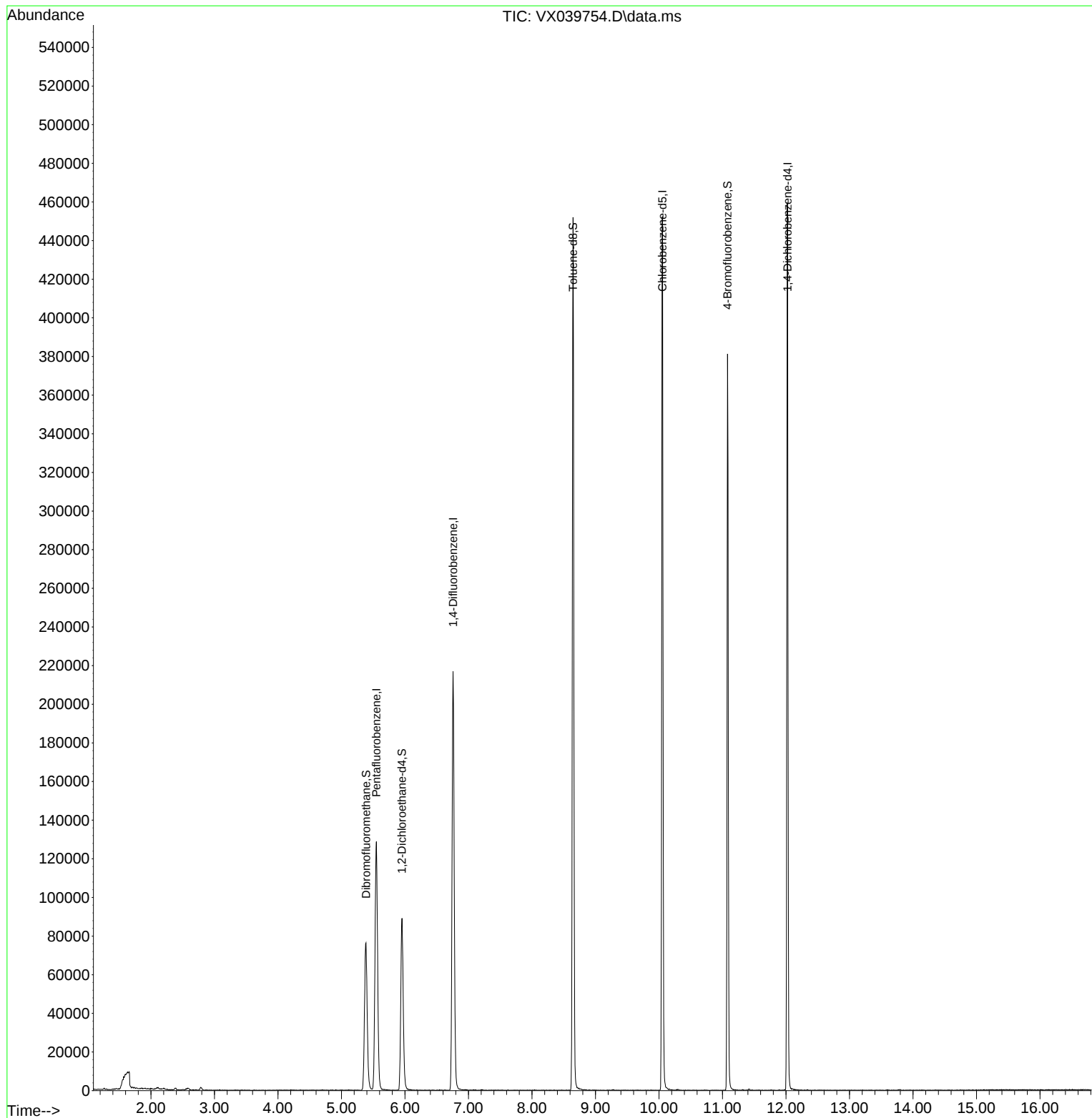
Target Compounds	Qvalue

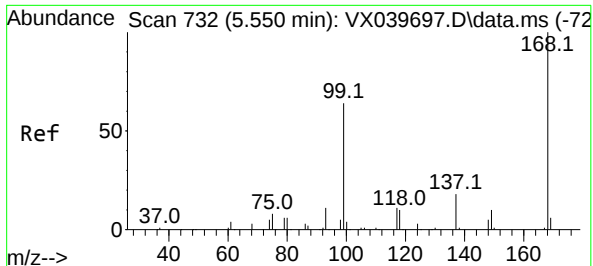
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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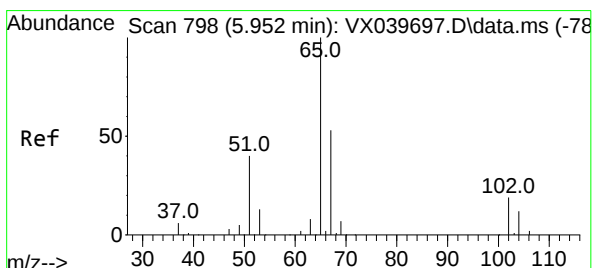
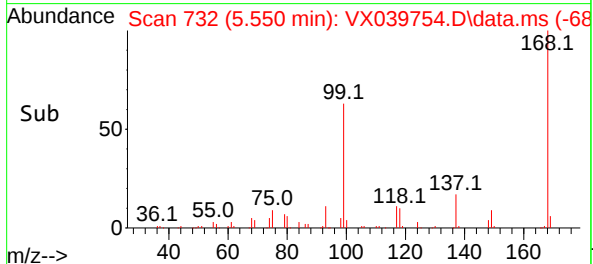
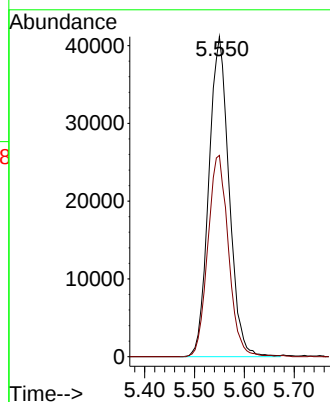
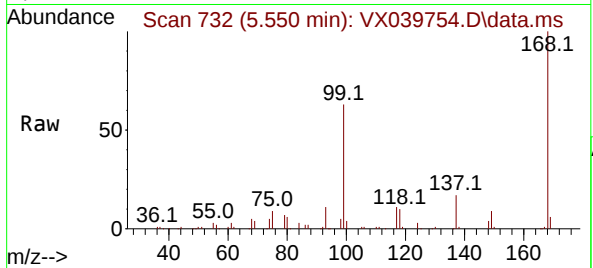




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039754.D
Acq: 15 Jan 2024 14:48

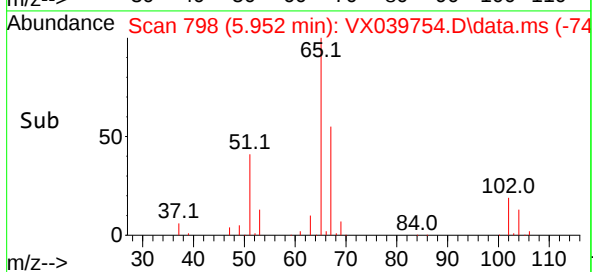
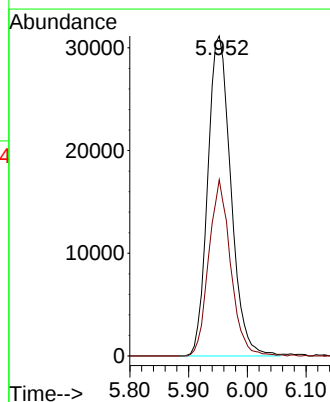
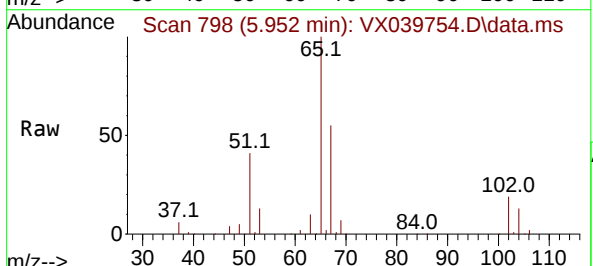
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240110

Tgt Ion:168 Resp: 115881
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.952 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039754.D
Acq: 15 Jan 2024 14:48

Tgt Ion: 65 Resp: 85318
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

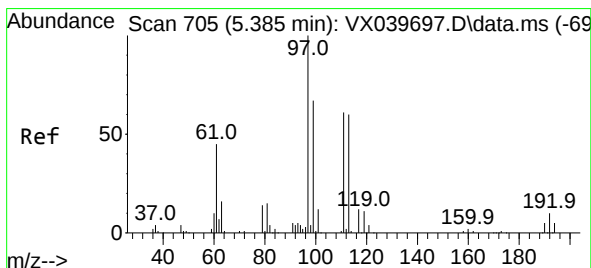
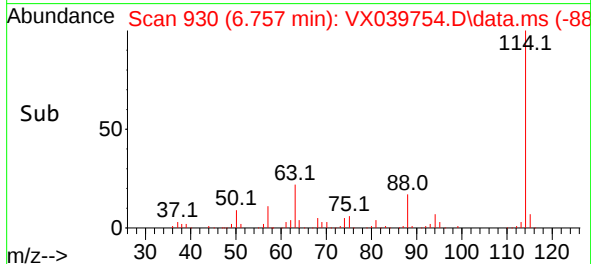
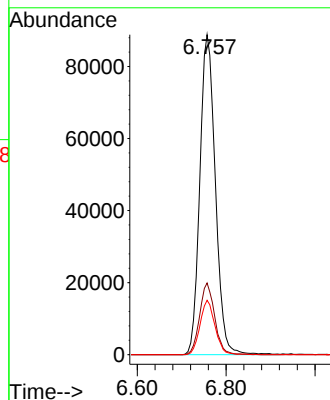
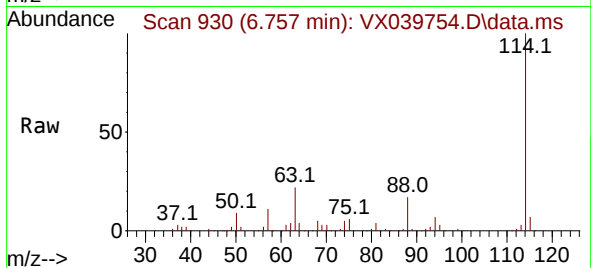




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX039754.D
Acq: 15 Jan 2024 14:48

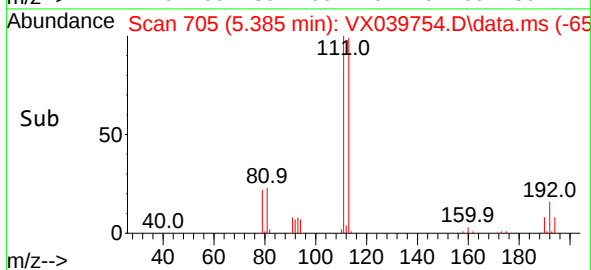
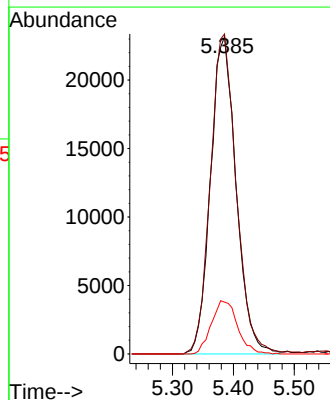
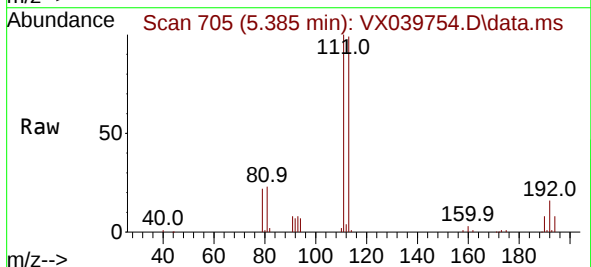
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240110

Tgt Ion:114 Resp: 216485
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.365 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039754.D
Acq: 15 Jan 2024 14:48

Tgt Ion:113 Resp: 67606
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.1 13.3 19.9

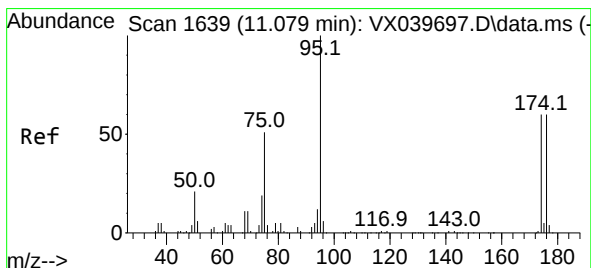
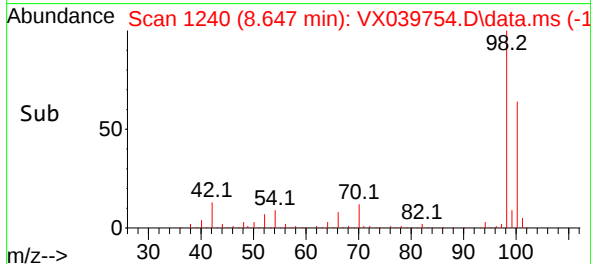
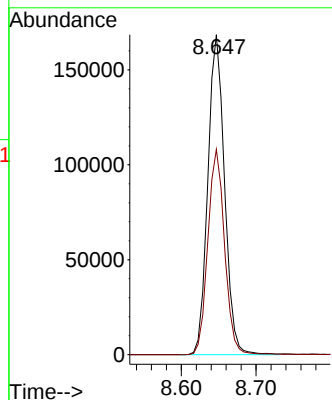
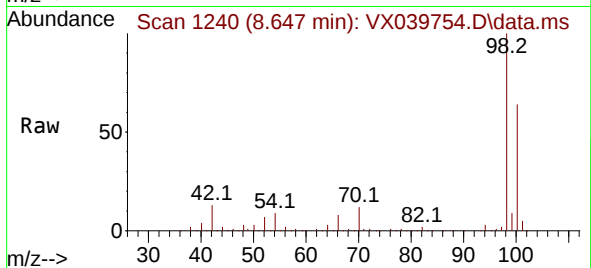




#50
Toluene-d8
Concen: 47.548 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039754.D
Acq: 15 Jan 2024 14:48

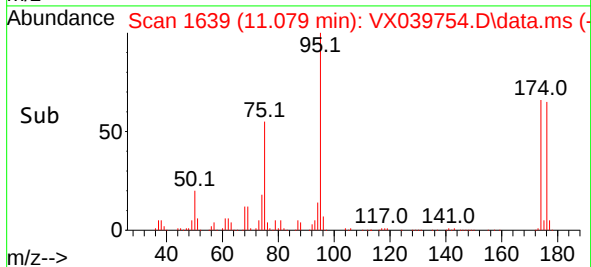
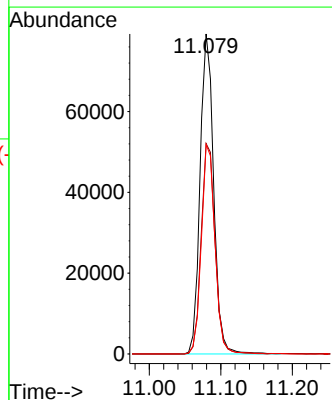
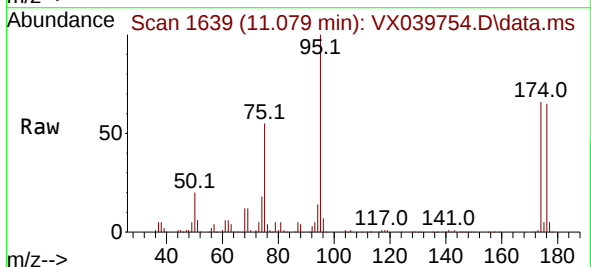
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240110

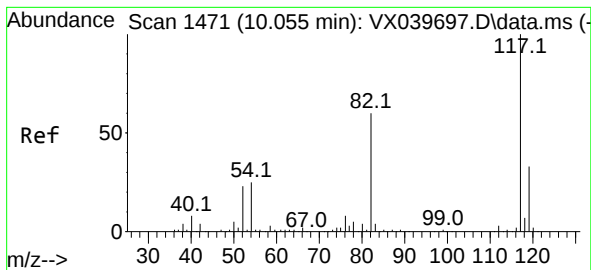
Tgt Ion: 98 Resp: 261485
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039754.D
Acq: 15 Jan 2024 14:48

Tgt Ion: 95 Resp: 104206
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 65.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039754.D

Acq: 15 Jan 2024 14:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240110

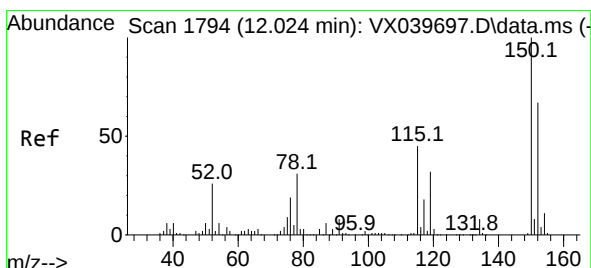
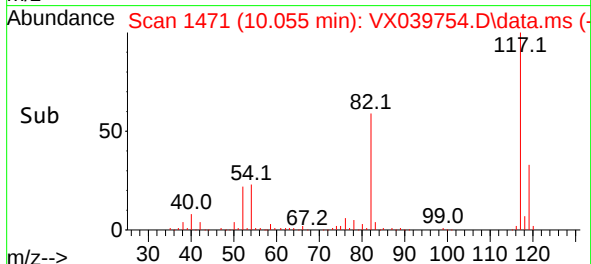
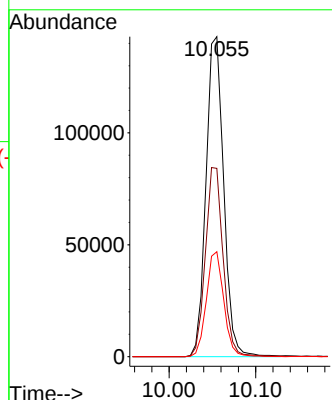
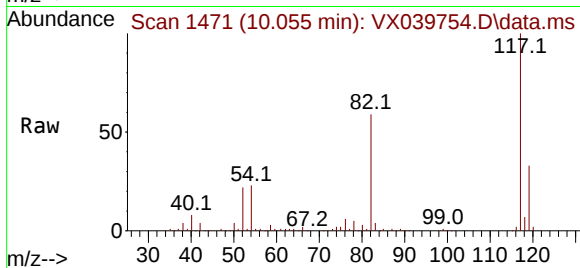
Tgt Ion:117 Resp: 203121

Ion Ratio Lower Upper

117 100

82 58.9 46.2 69.4

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX039754.D

Acq: 15 Jan 2024 14:48

Tgt Ion:152 Resp: 90473

Ion Ratio Lower Upper

152 100

115 64.7 43.3 129.9

150 156.6 0.0 345.0

