

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039759.D
 Acq On : 15 Jan 2024 16:41
 Operator : JC/MD
 Sample : P1145-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-DUP-20240112

Quant Time: Jan 16 01:43:10 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	112193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85311	45.393	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.780%
35) Dibromofluoromethane	5.385	113	65944	47.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.647	98	253695	48.118	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	99101	48.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.140%

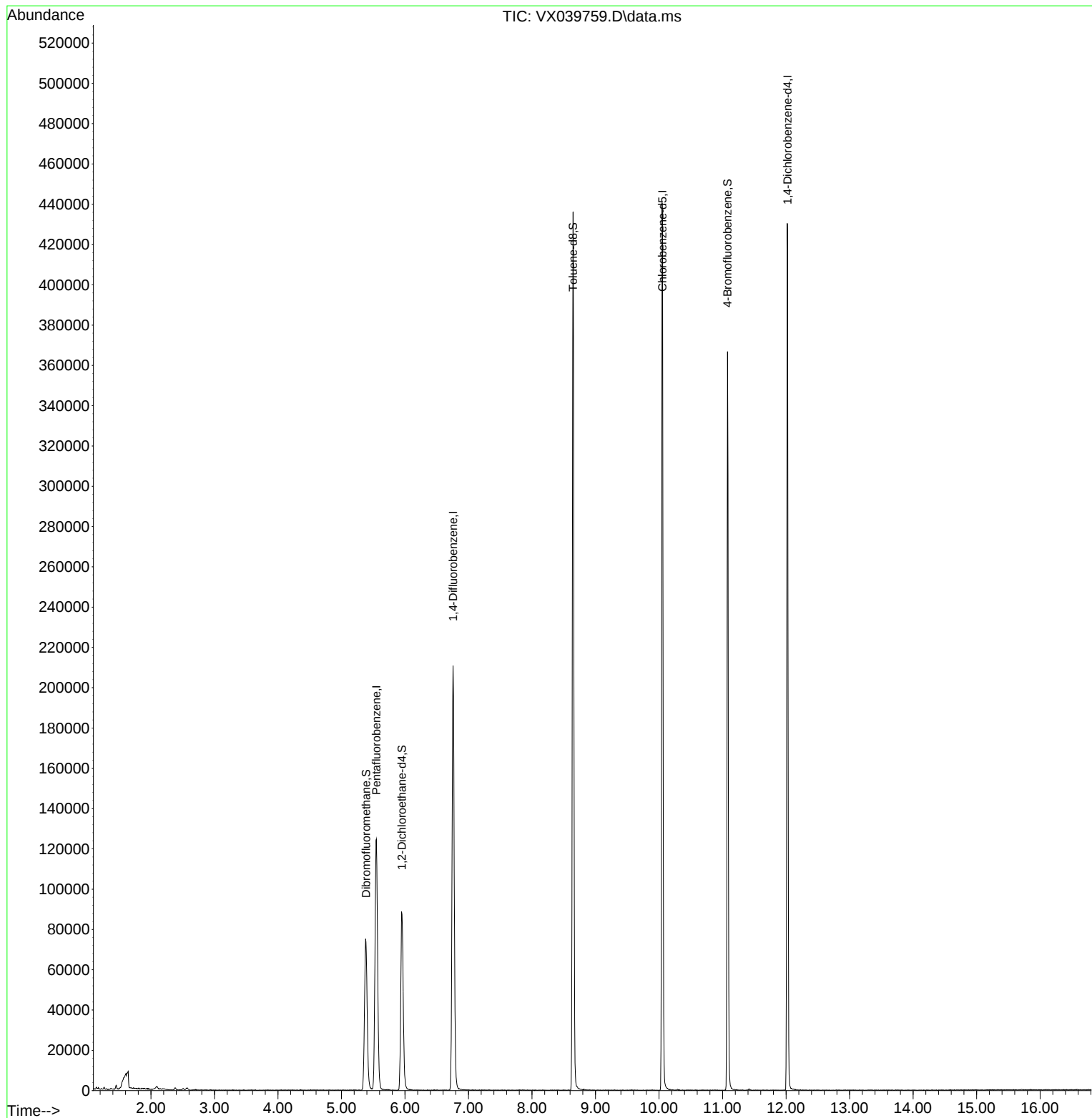
Target Compounds	Qvalue

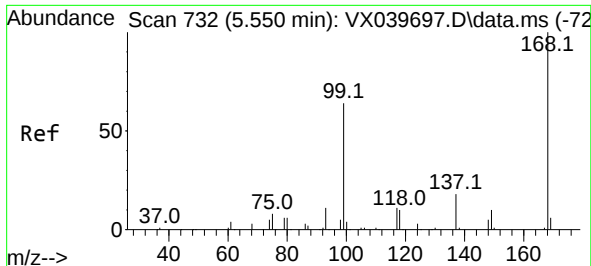
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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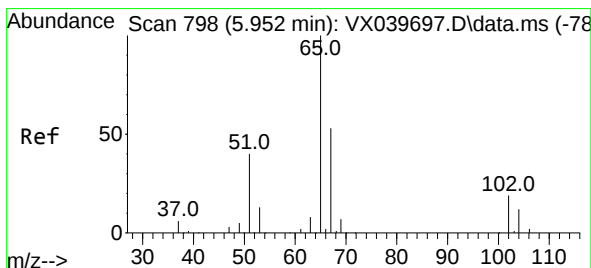
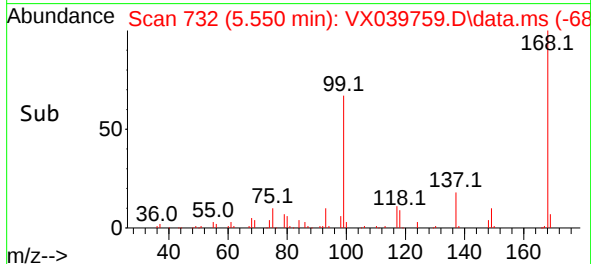
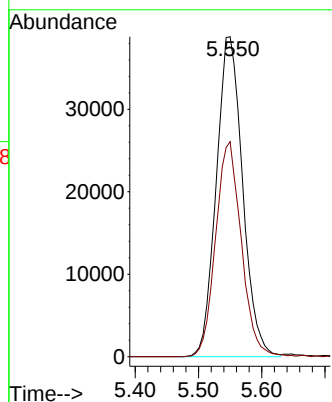
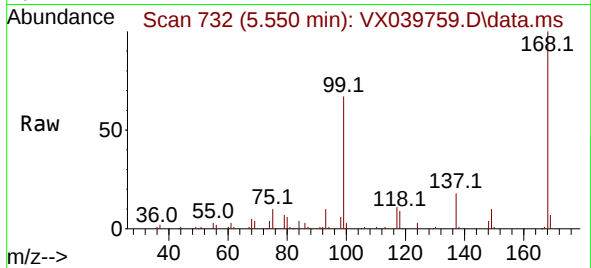




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

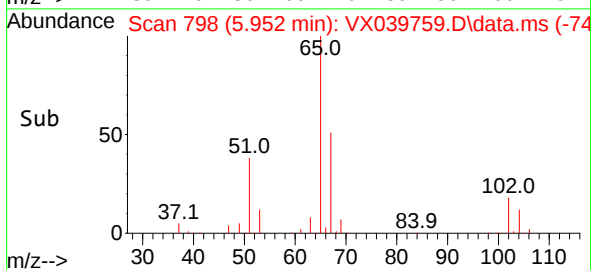
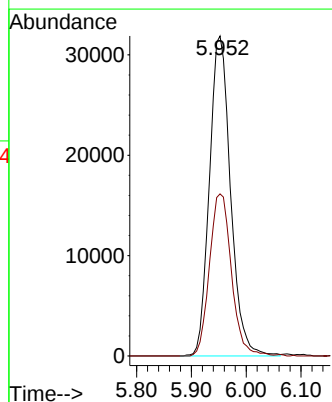
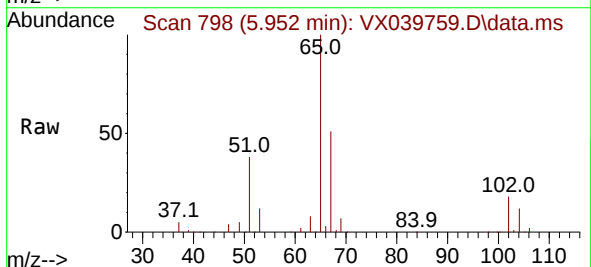
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-DUP-20240112

Tgt Ion:168 Resp: 112193
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.393 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 65 Resp: 85311
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

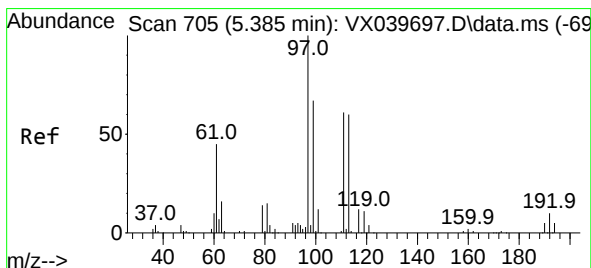
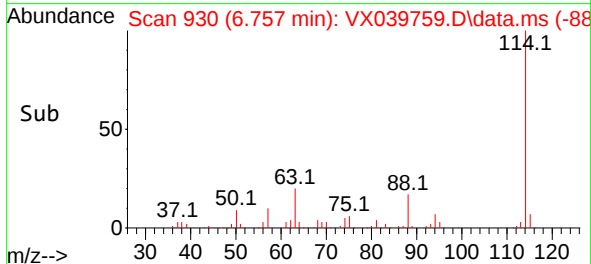
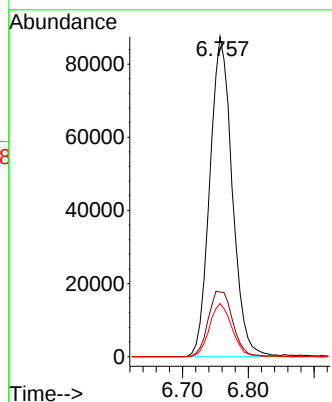
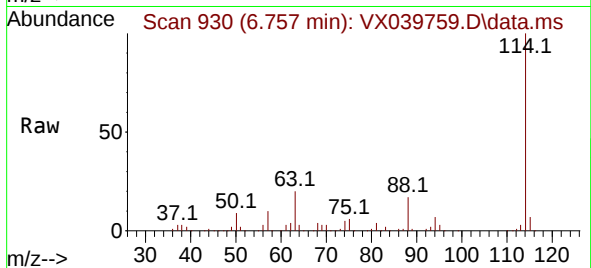




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

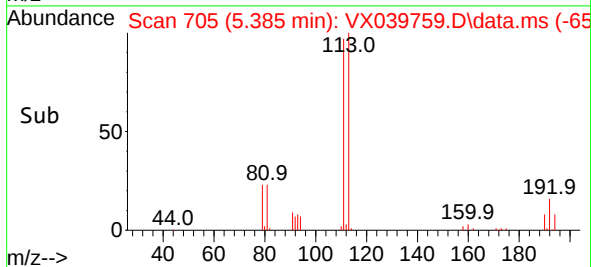
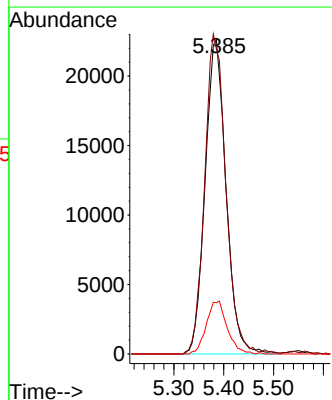
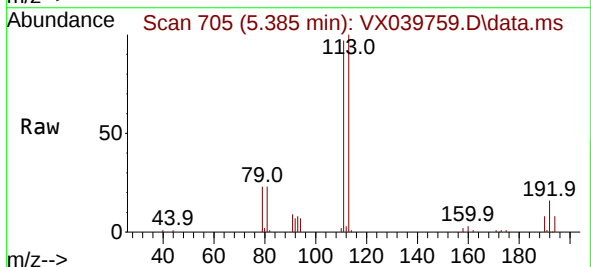
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-DUP-20240112

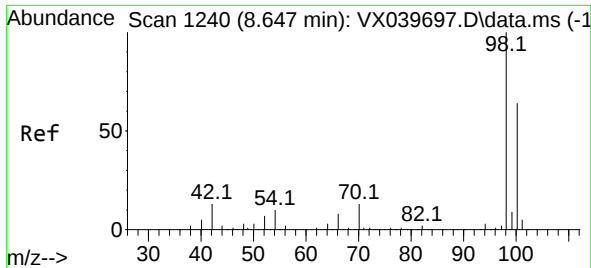
Tgt Ion:114 Resp: 207548
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion:113 Resp: 65944
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.7 13.3 19.9

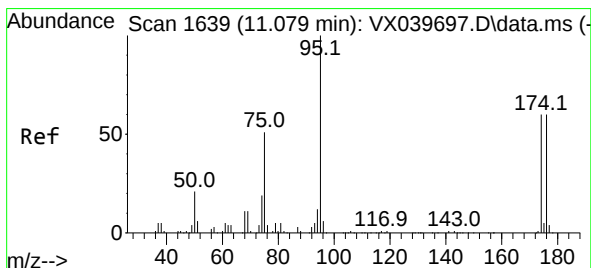
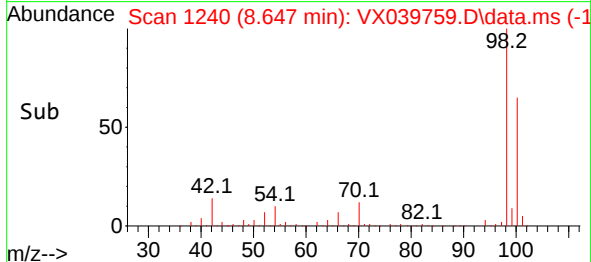
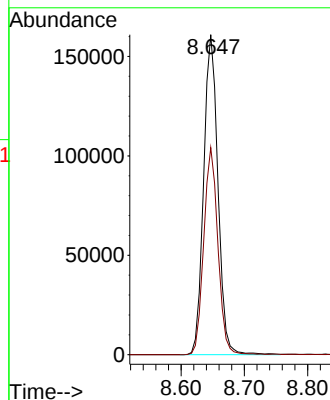
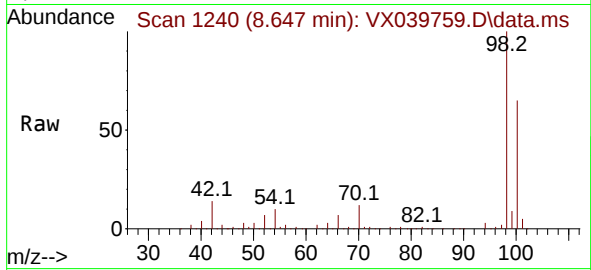




#50
Toluene-d8
Concen: 48.118 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

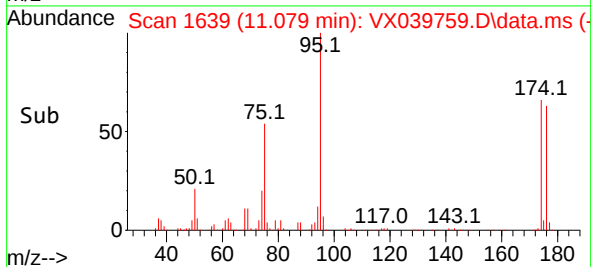
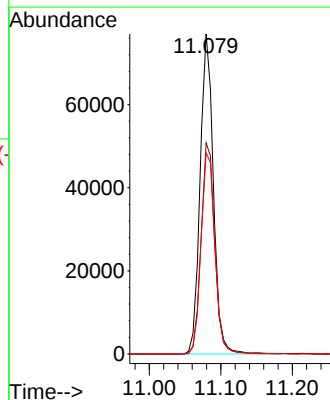
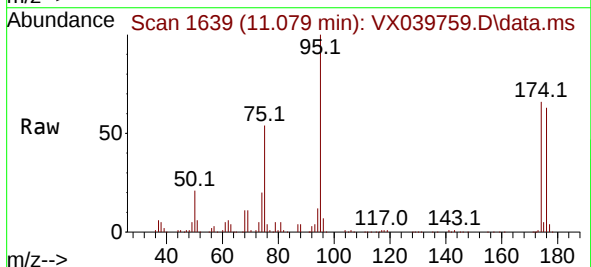
Instrument :
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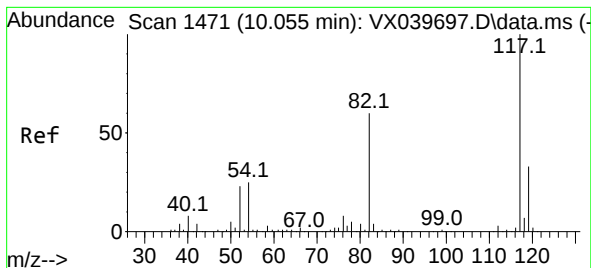
Tgt Ion: 98 Resp: 253695
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 95 Resp: 99101
Ion Ratio Lower Upper
95 100
174 67.6 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: VX039759.D

Acq: 15 Jan 2024 16:41

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-DUP-20240112

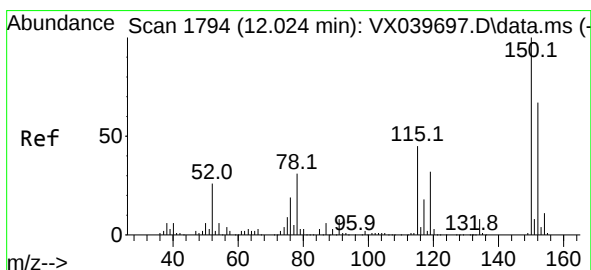
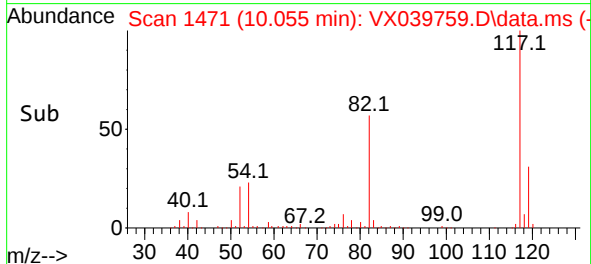
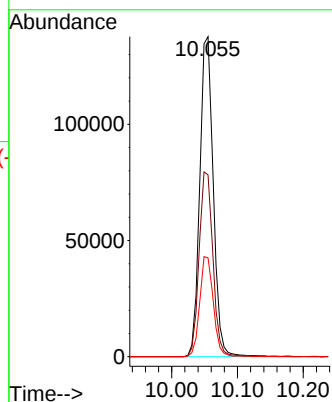
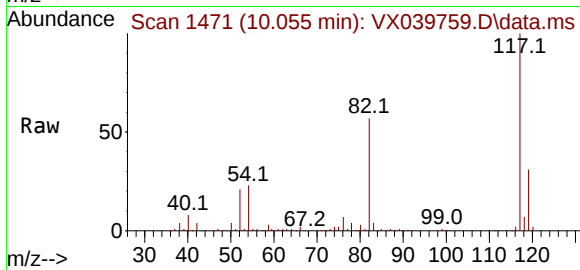
Tgt Ion:117 Resp: 196809

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 30.9 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: VX039759.D

Acq: 15 Jan 2024 16:41

Tgt Ion:152 Resp: 83708

Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 161.2 0.0 345.0

