

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039819.D
 Acq On : 18 Jan 2024 15:23
 Operator : JC/MD
 Sample : P1171-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-320-322

Quant Time: Jan 19 00:41:26 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	5.556	168	85151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68602	48.094	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.180%
35) Dibromofluoromethane	5.385	113	52036	48.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	201423	49.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	81399	51.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.040%

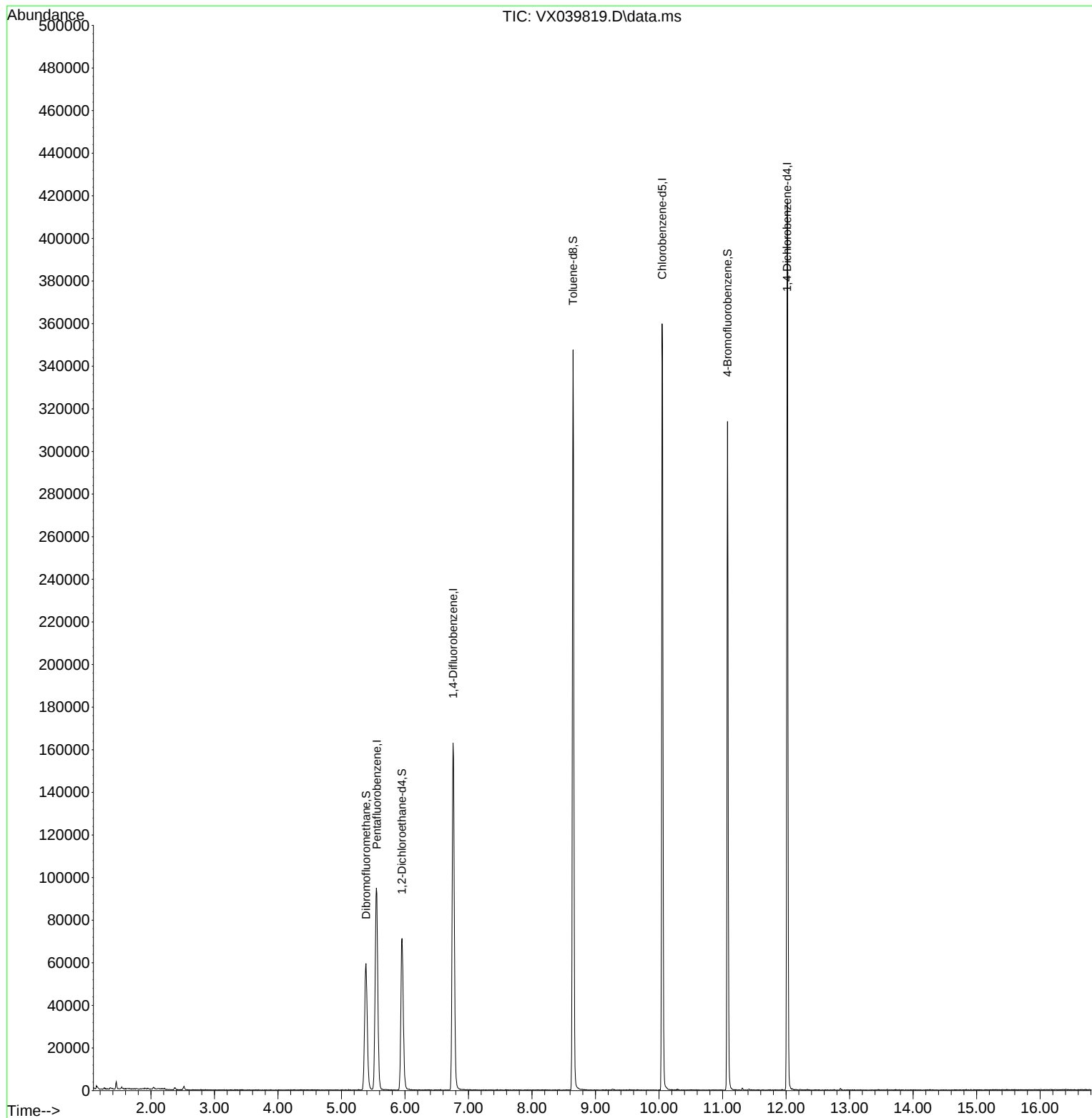
Target Compounds Qvalue

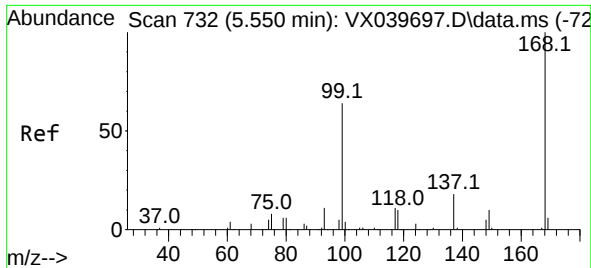
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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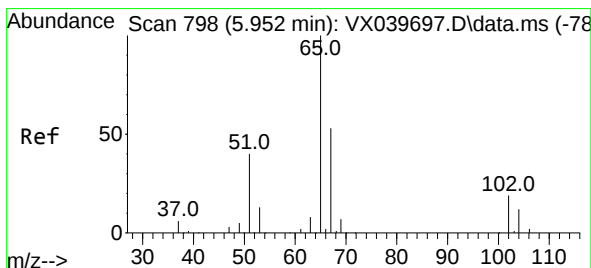
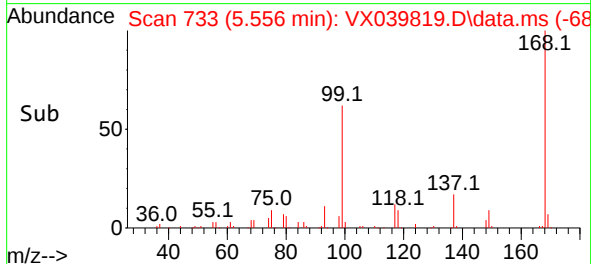
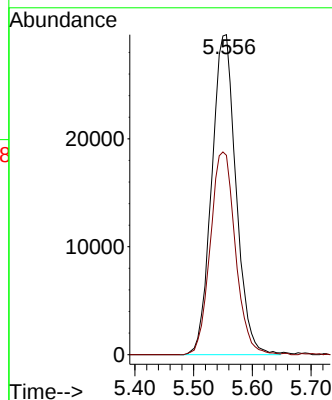
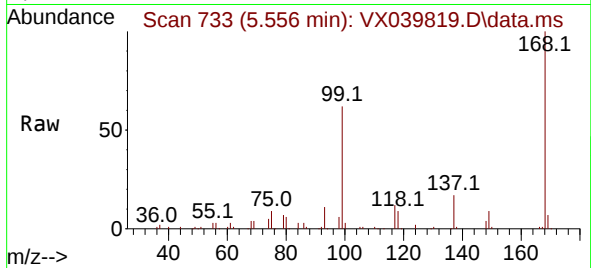




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

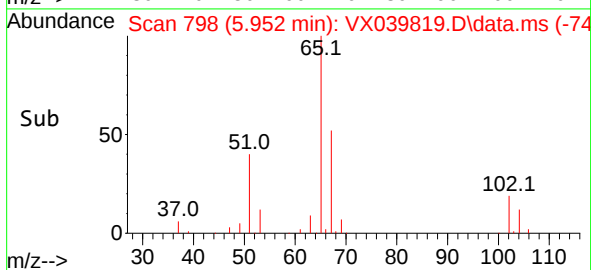
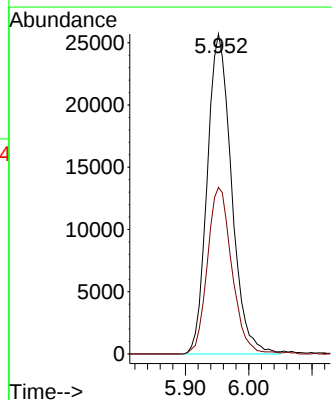
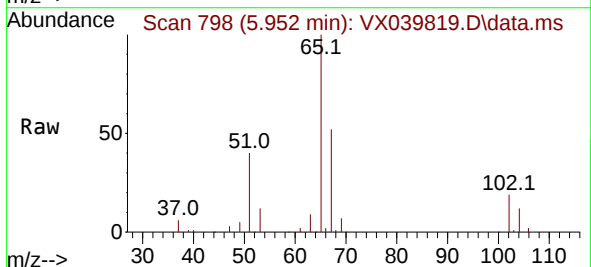
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-320-322

Tgt Ion:168 Resp: 85151
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.094 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

Tgt Ion: 65 Resp: 68602
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

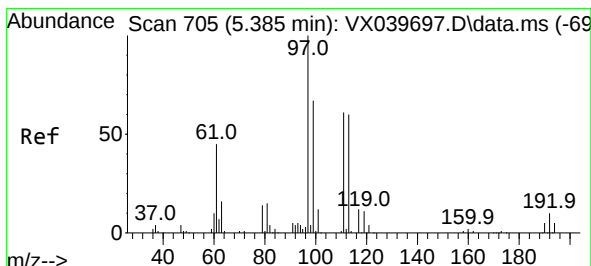
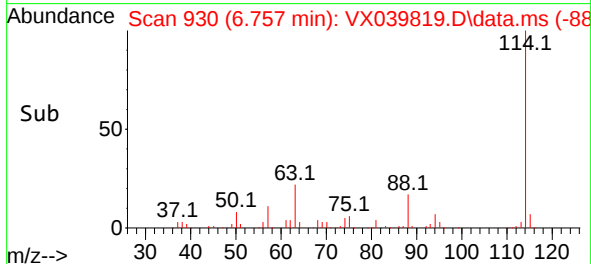
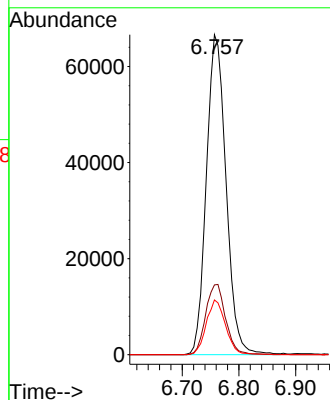
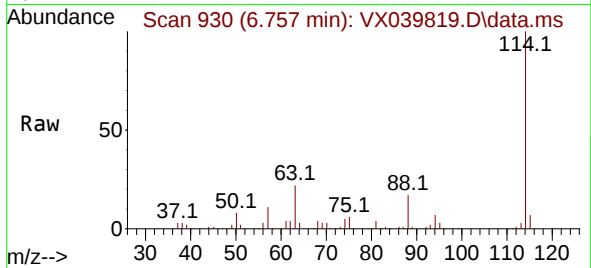




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

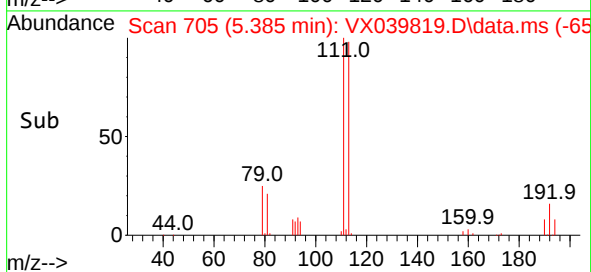
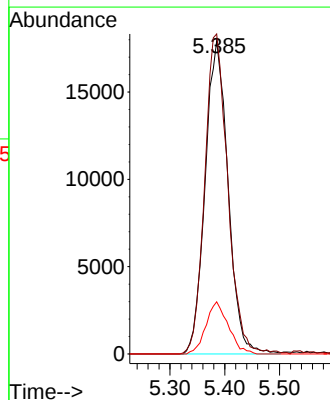
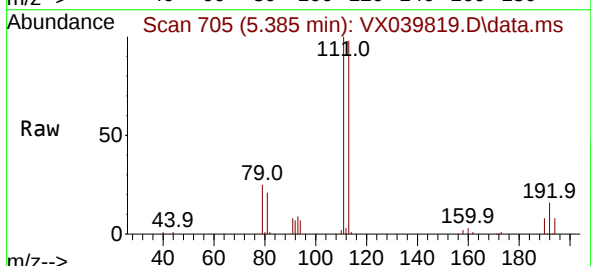
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-320-322

Tgt Ion:114 Resp: 160606
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

Tgt Ion:113 Resp: 52036
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.3 13.3 19.9

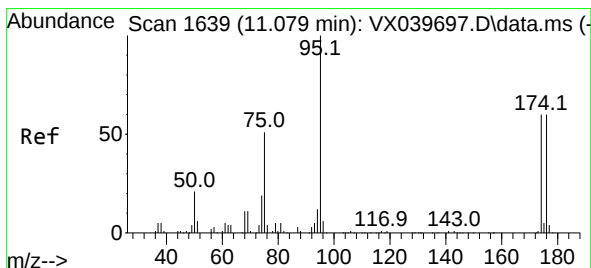
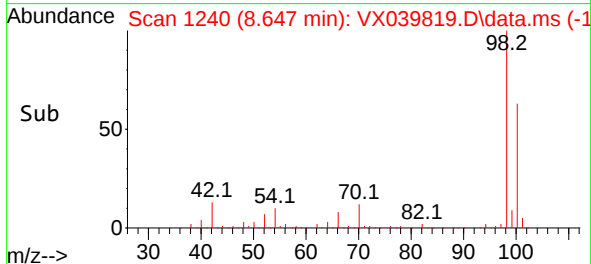
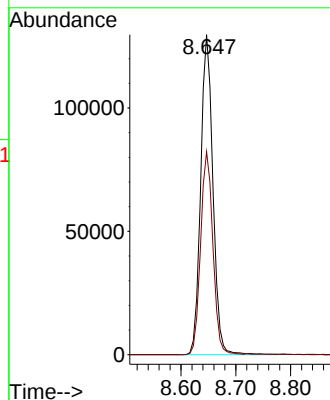
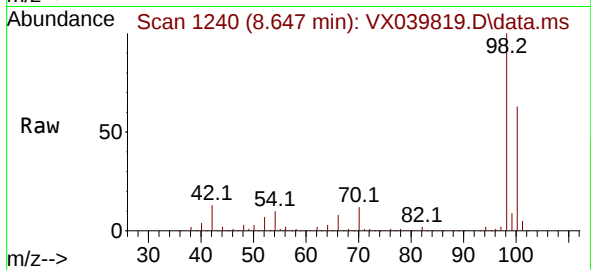




#50
Toluene-d8
Concen: 49.370 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

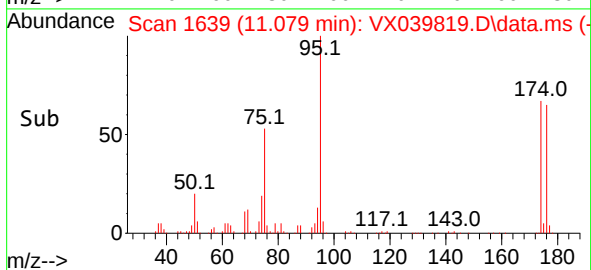
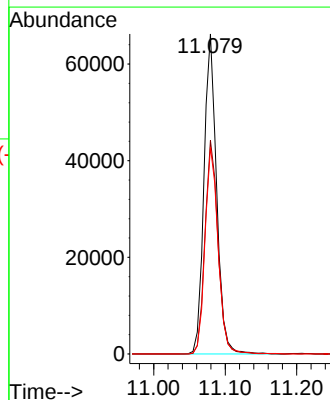
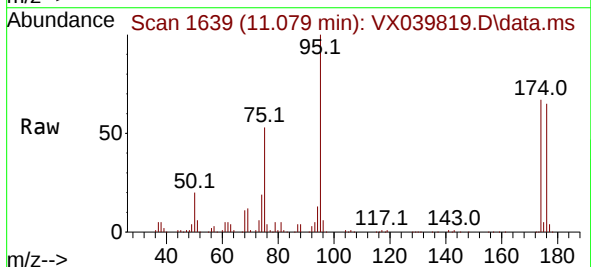
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-320-322

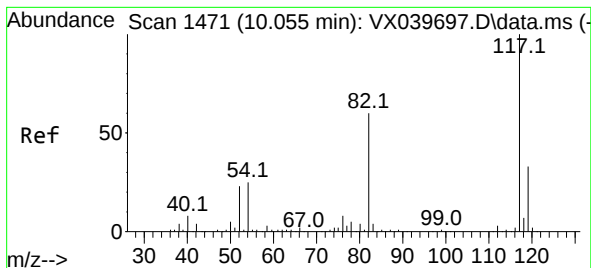
Tgt Ion: 98 Resp: 201423
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039819.D
Acq: 18 Jan 2024 15:23

Tgt Ion: 95 Resp: 81399
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 66.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039819.D

Acq: 18 Jan 2024 15:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-320-322

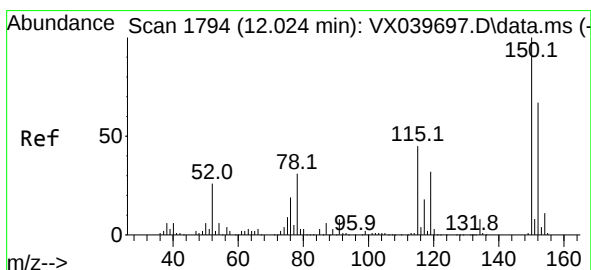
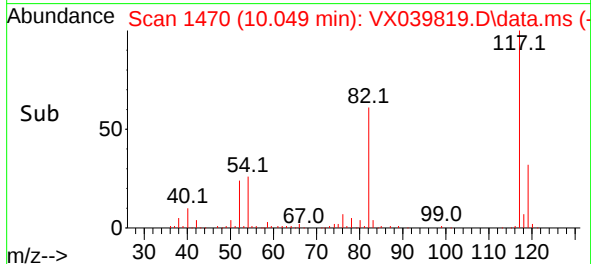
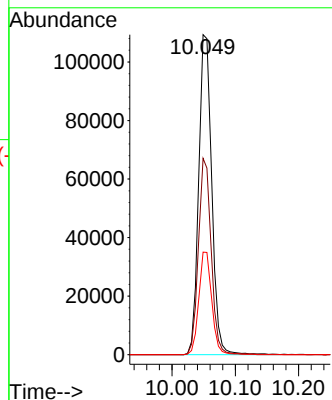
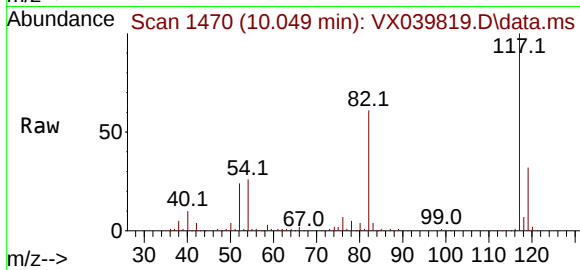
Tgt Ion:117 Resp: 157264

Ion Ratio Lower Upper

117 100

82 61.3 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039819.D

Acq: 18 Jan 2024 15:23

Tgt Ion:152 Resp: 79339

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 156.9 0.0 345.0

