

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039815.D
 Acq On : 18 Jan 2024 13:53
 Operator : JC/MD
 Sample : P1171-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240115

Quant Time: Jan 19 00:40:00 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	100903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80927	47.878	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.760%
35) Dibromofluoromethane	5.385	113	62130	48.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.647	98	237161	48.848	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	94293	49.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.340%

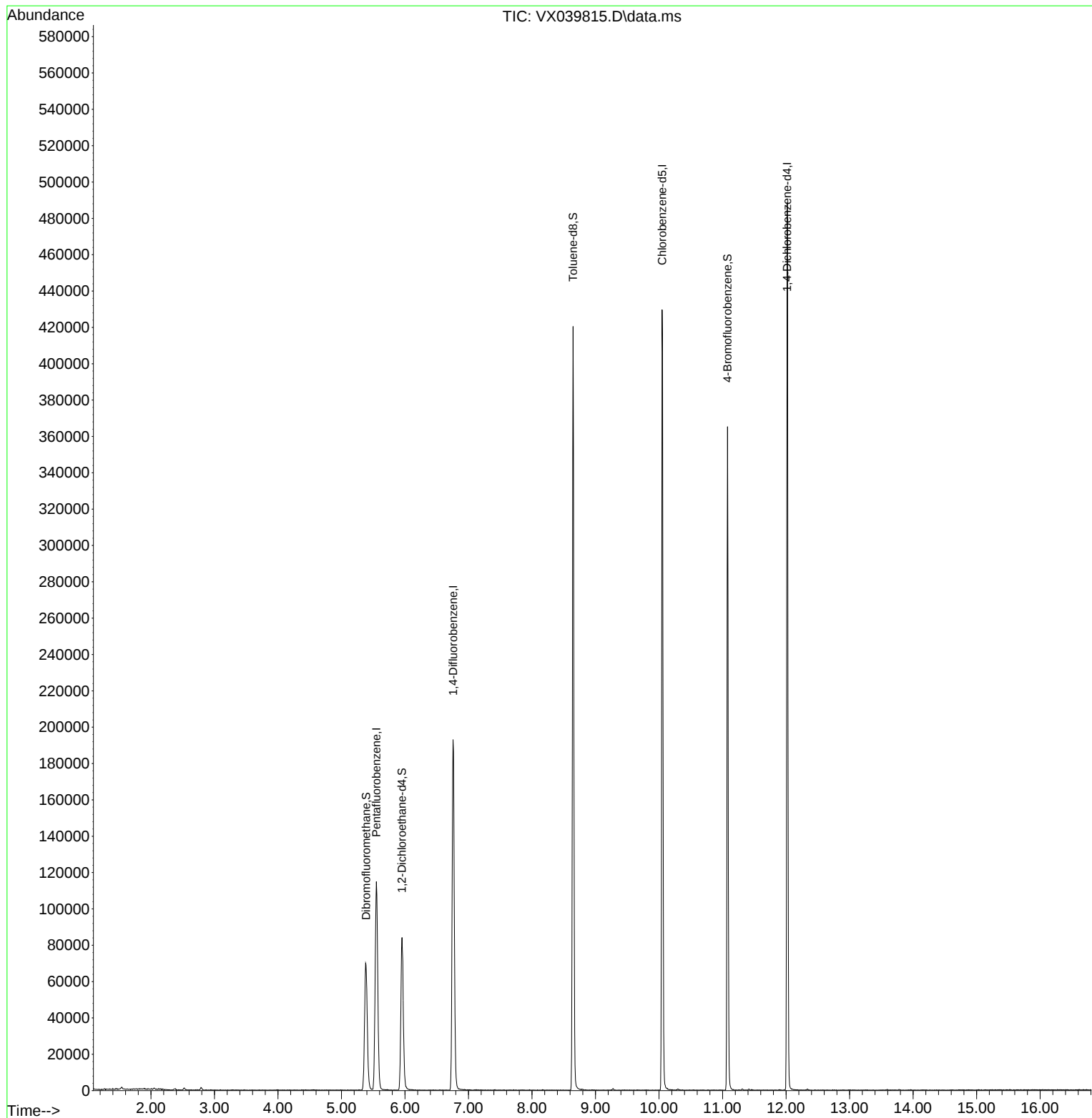
Target Compounds	Qvalue

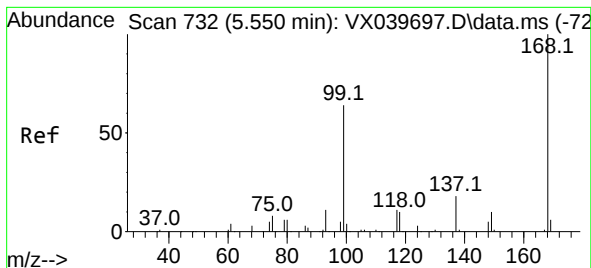
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX039815.D

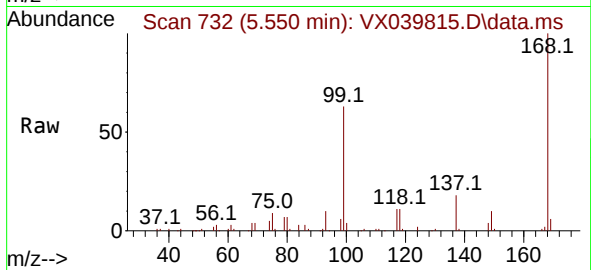
Acq: 18 Jan 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240115

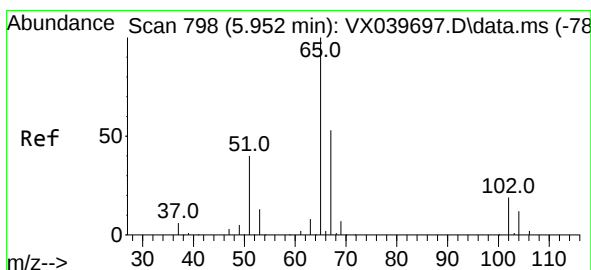
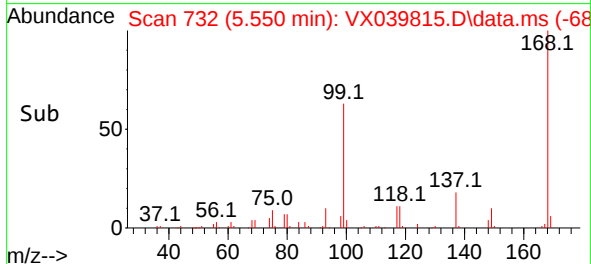
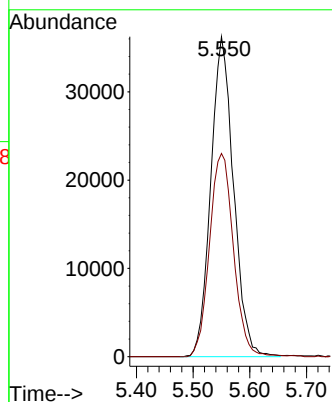


Tgt Ion:168 Resp: 100903

Ion Ratio Lower Upper

168 100

99 63.5 56.6 85.0



#33

1,2-Dichloroethane-d4

Concen: 47.878 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039815.D

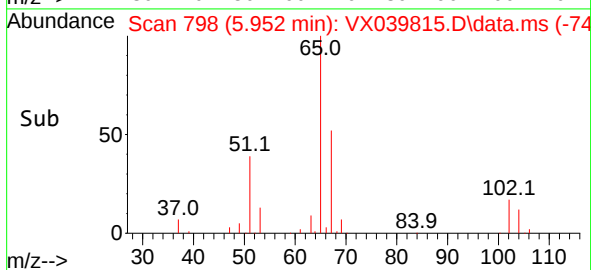
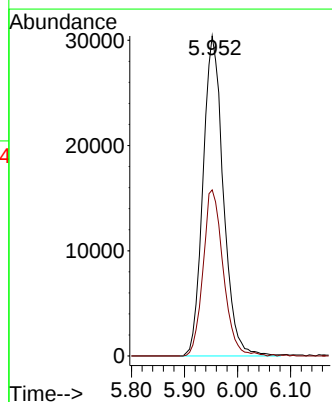
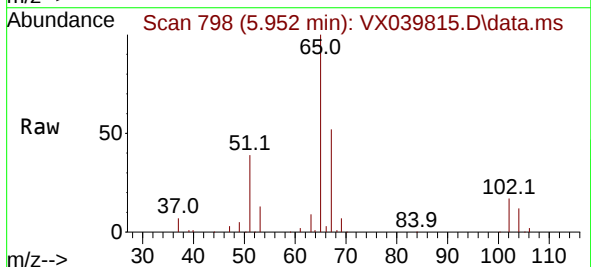
Acq: 18 Jan 2024 13:53

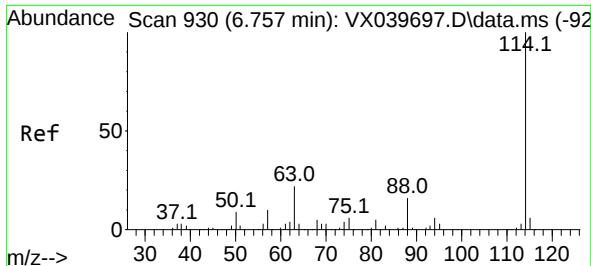
Tgt Ion: 65 Resp: 80927

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2

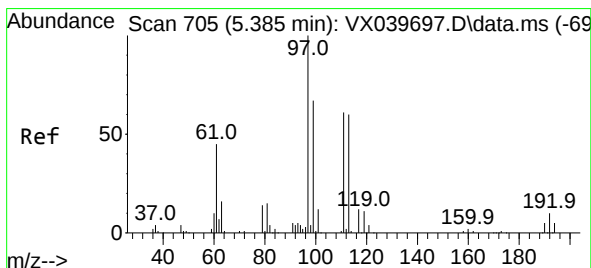
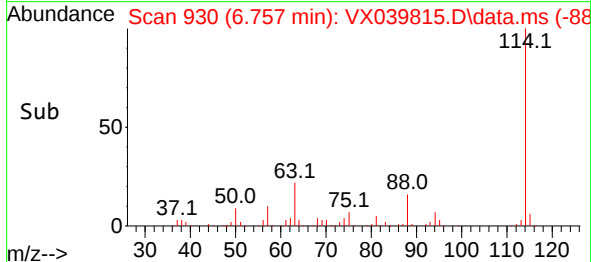
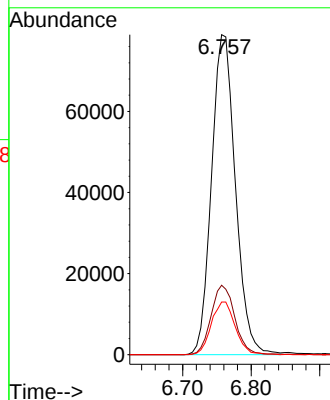
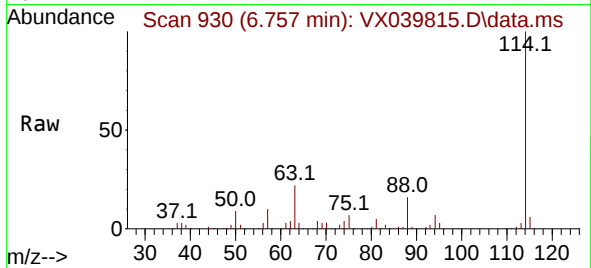




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039815.D
Acq: 18 Jan 2024 13:53

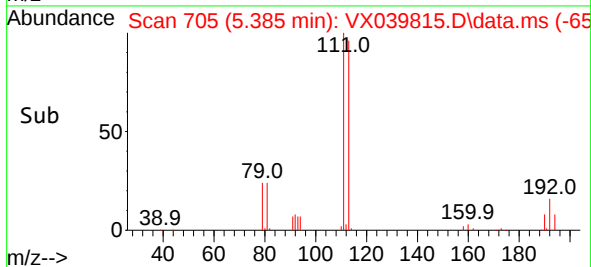
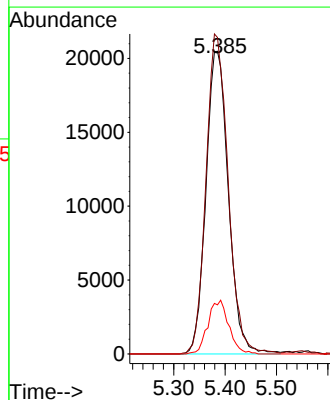
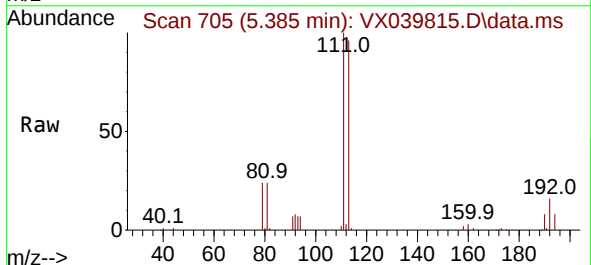
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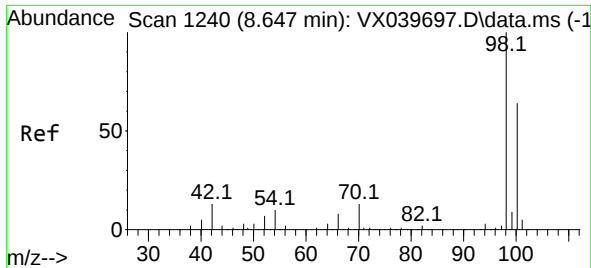
Tgt Ion:114 Resp: 191121
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039815.D
Acq: 18 Jan 2024 13:53

Tgt Ion:113 Resp: 62130
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.5 13.3 19.9

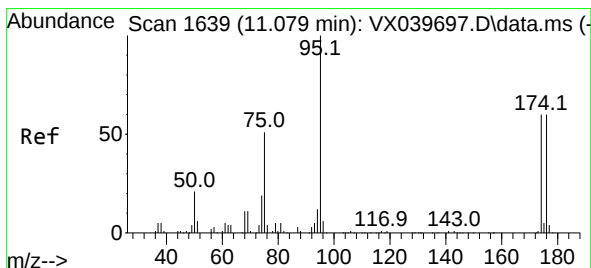
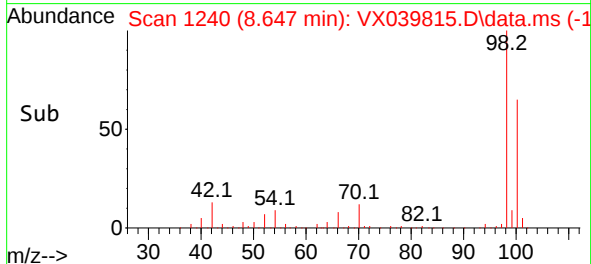
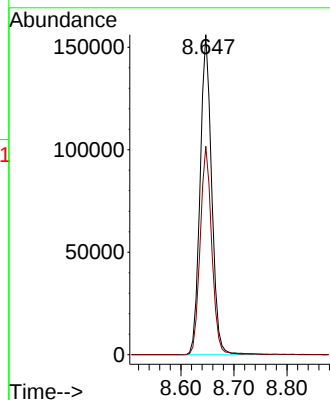
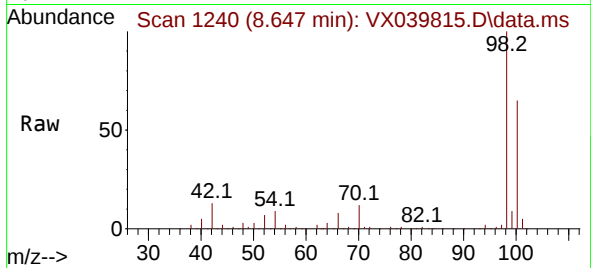




#50
Toluene-d8
Concen: 48.848 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039815.D
Acq: 18 Jan 2024 13:53

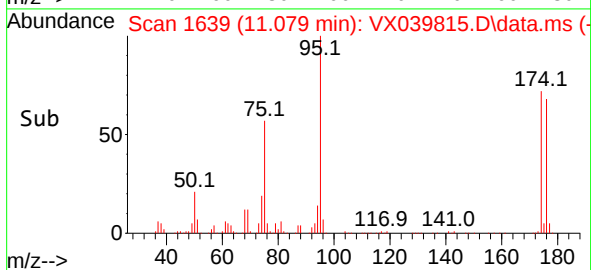
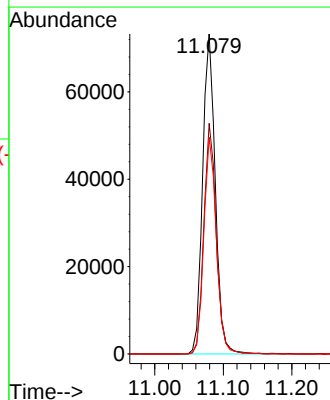
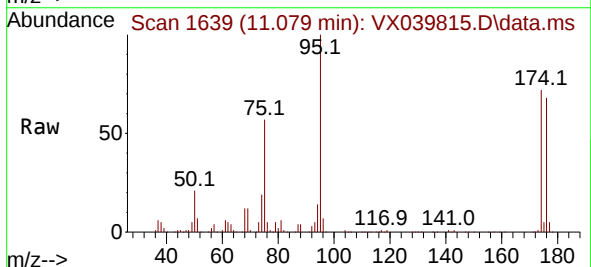
Instrument :
MSVOA_X
ClientSampleId :
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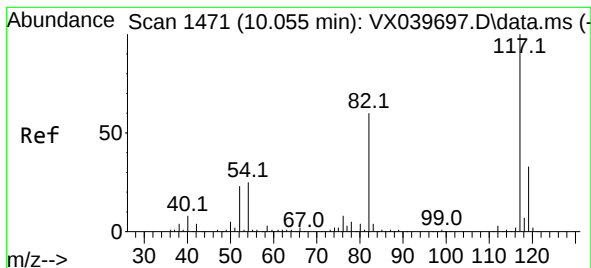
Tgt Ion: 98 Resp: 237161
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039815.D
Acq: 18 Jan 2024 13:53

Tgt Ion: 95 Resp: 94293
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.6
176 67.0 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: VX039815.D

Acq: 18 Jan 2024 13:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240115

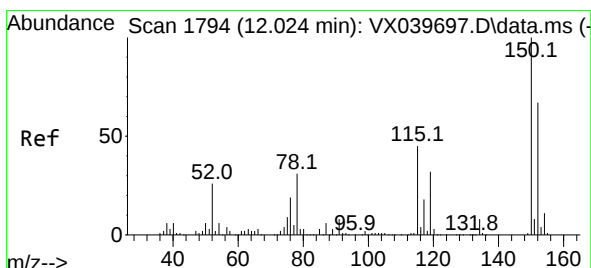
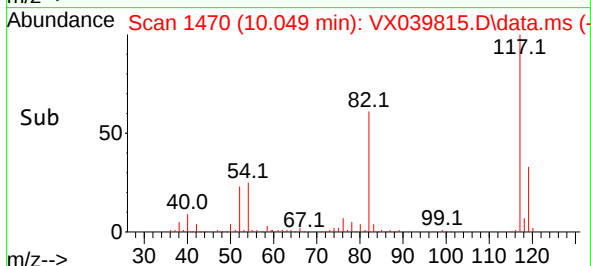
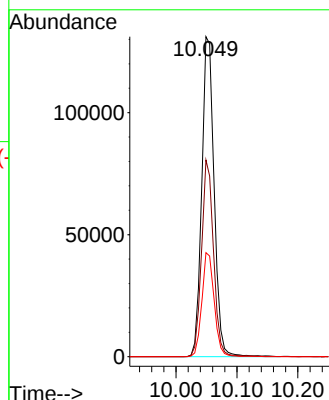
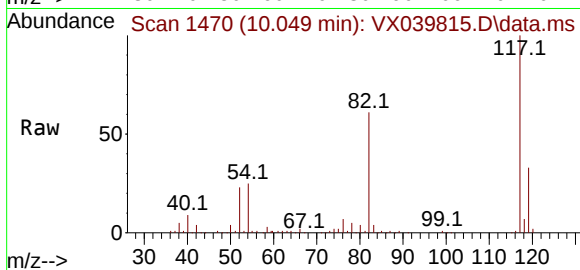
Tgt Ion:117 Resp: 185520

Ion Ratio Lower Upper

117 100

82 61.4 46.2 69.4

119 32.5 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: VX039815.D

Acq: 18 Jan 2024 13:53

Tgt Ion:152 Resp: 92386

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 157.6 0.0 345.0

