

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039800.D
 Acq On : 17 Jan 2024 14:23
 Operator : JC/MD
 Sample : P1156-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-011524

Quant Time: Jan 18 02:43:06 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	89268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168197	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70345	47.042	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	53781	47.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.647	98	208186	48.724	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	82198	49.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.400%

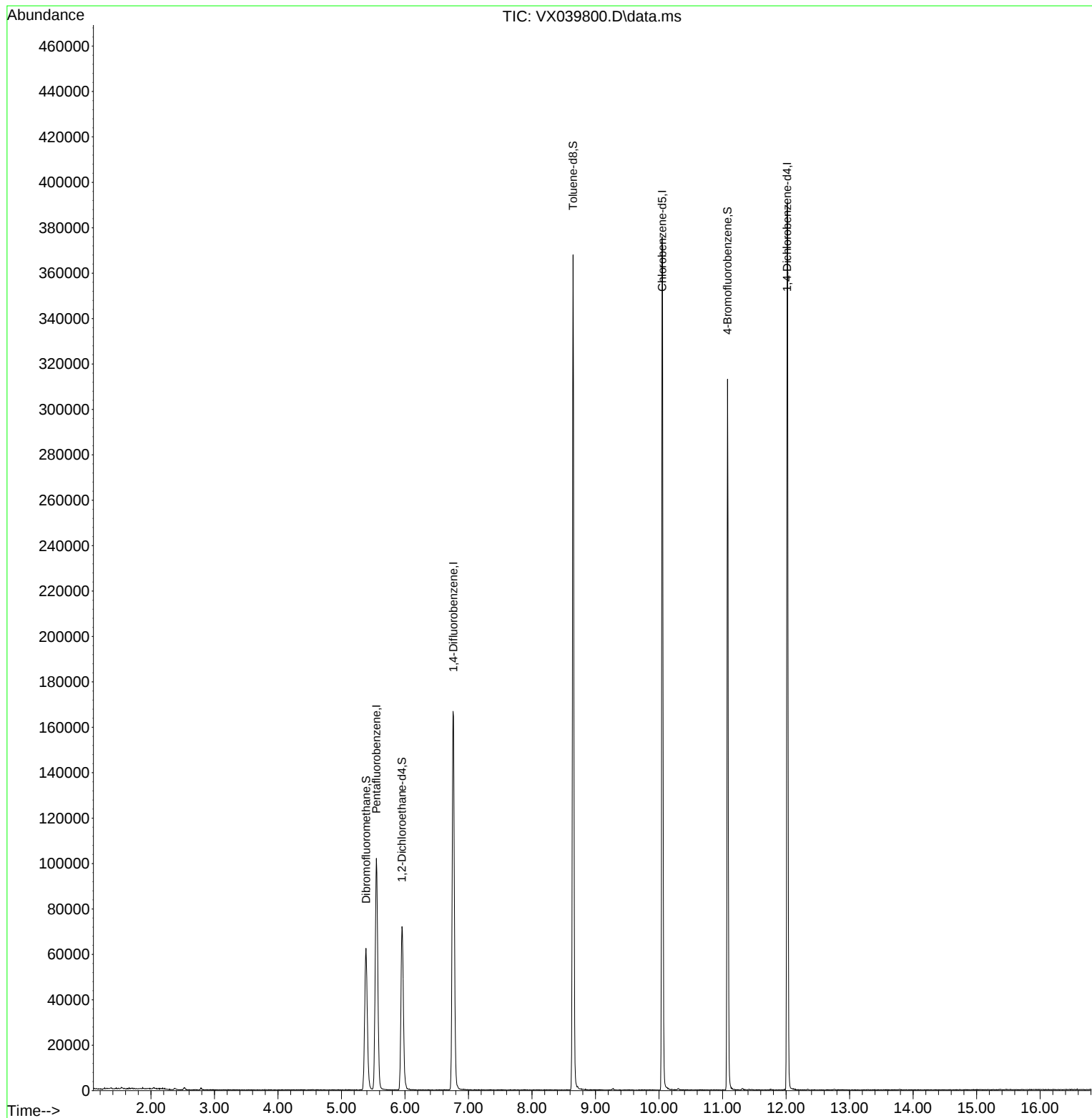
Target Compounds	Qvalue

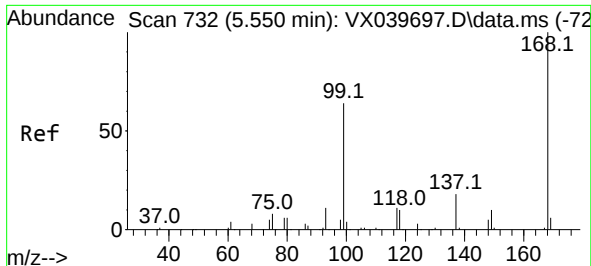
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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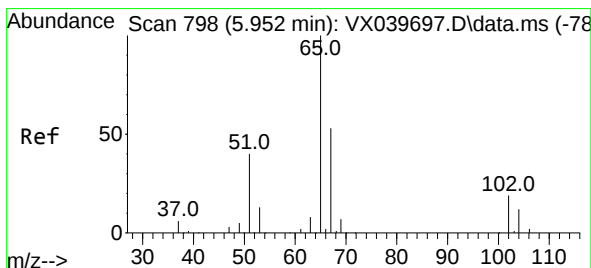
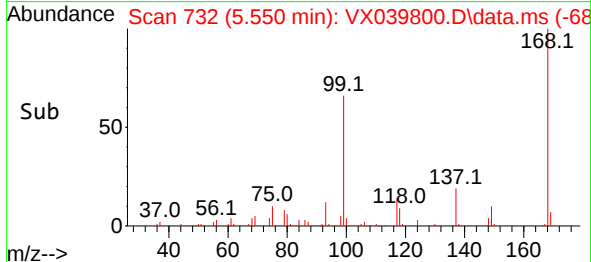
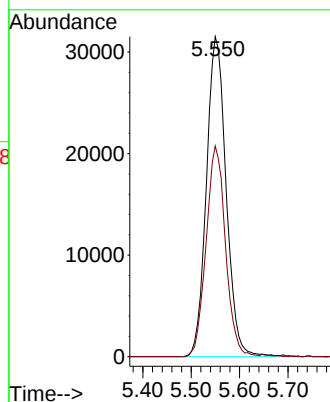
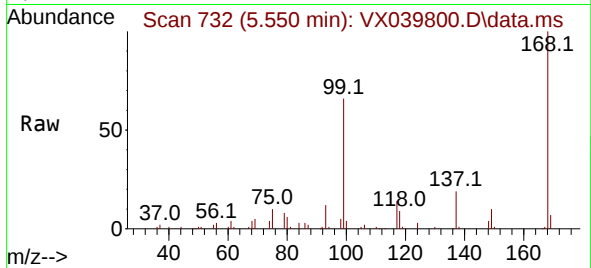




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039800.D
Acq: 17 Jan 2024 14:23

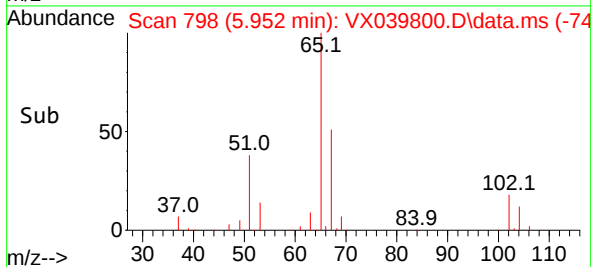
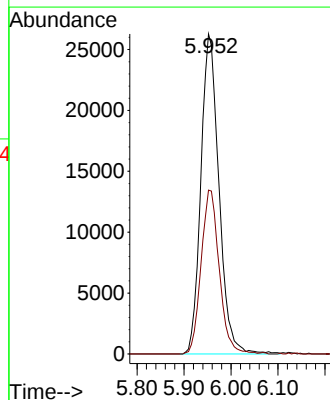
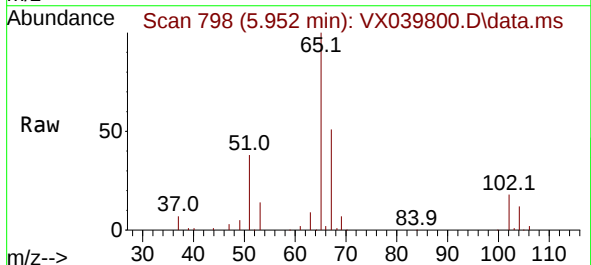
Instrument :
MSVOA_X
ClientSampleId :
TB-011524

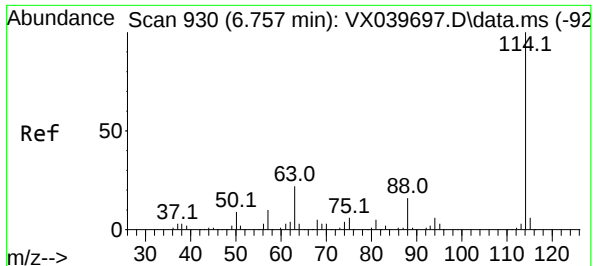
Tgt Ion:168 Resp: 89268
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.042 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039800.D
Acq: 17 Jan 2024 14:23

Tgt Ion: 65 Resp: 70345
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX039800.D

Acq: 17 Jan 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

TB-011524

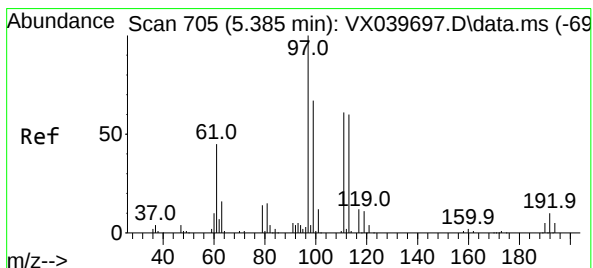
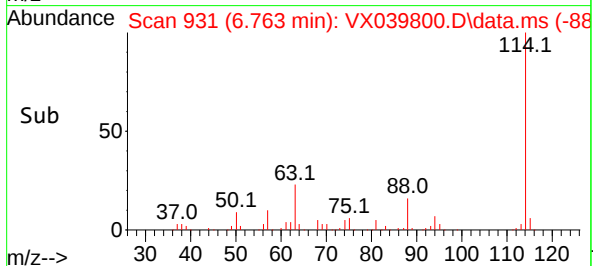
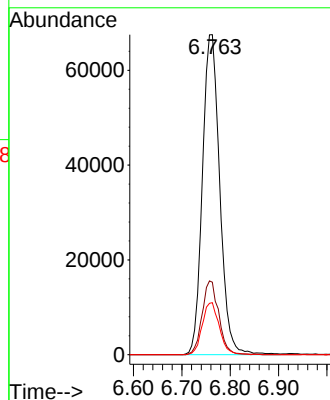
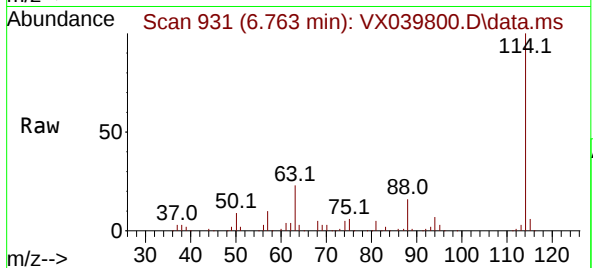
Tgt Ion:114 Resp: 168197

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.473 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039800.D

Acq: 17 Jan 2024 14:23

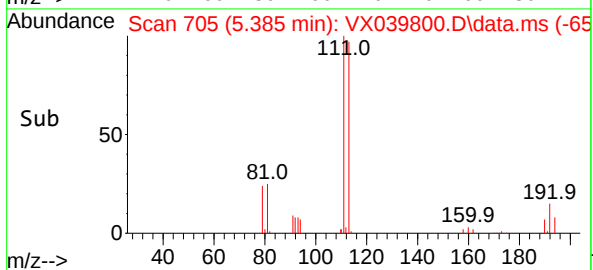
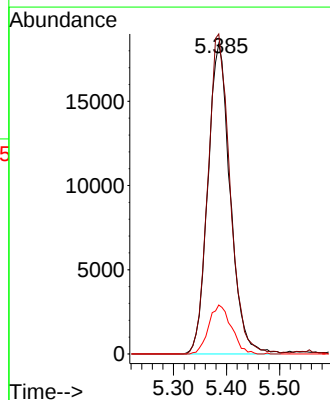
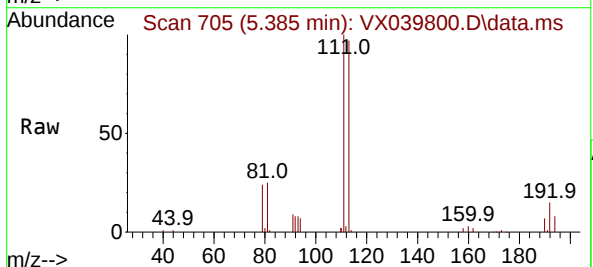
Tgt Ion:113 Resp: 53781

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 16.0 13.3 19.9

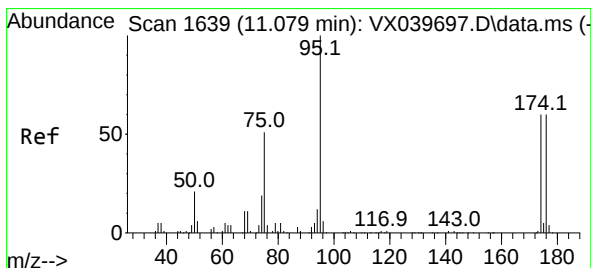
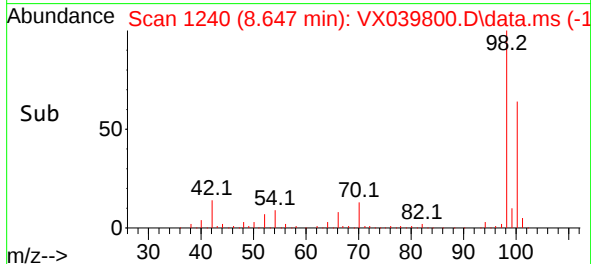
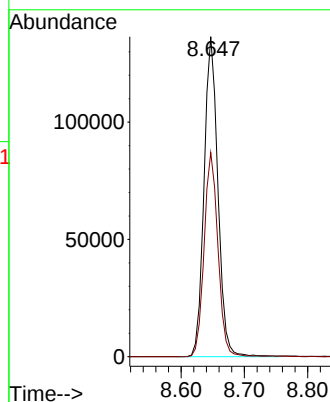
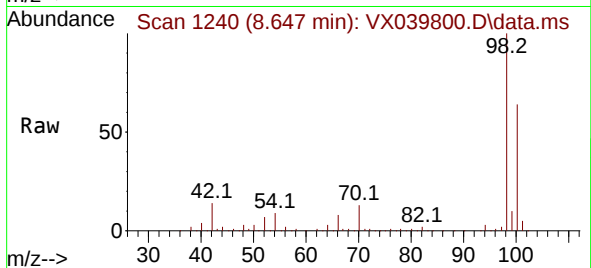




#50
Toluene-d8
Concen: 48.724 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039800.D
Acq: 17 Jan 2024 14:23

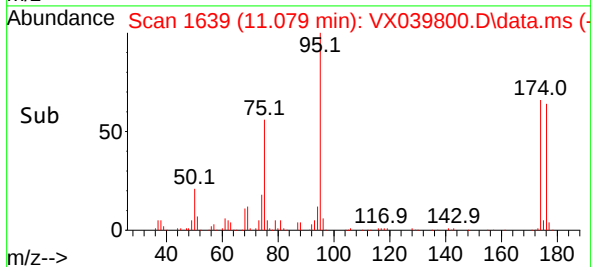
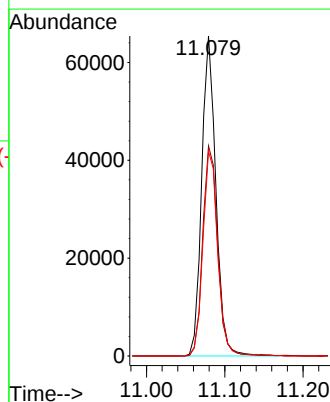
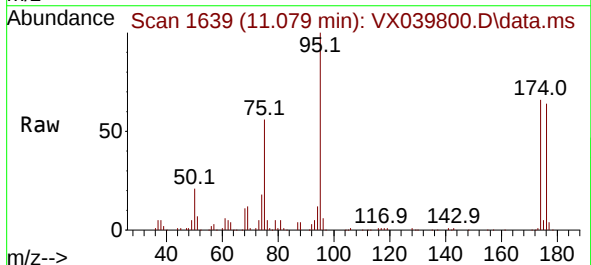
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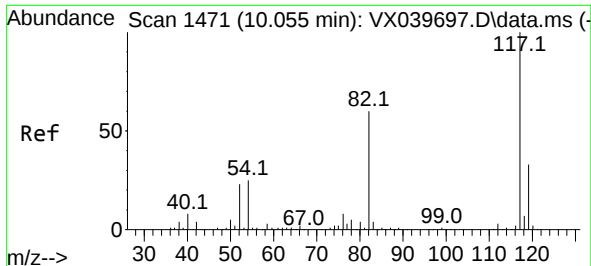
Tgt Ion: 98 Resp: 208186
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039800.D
Acq: 17 Jan 2024 14:23

Tgt Ion: 95 Resp: 82198
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 66.7 0.0 131.0

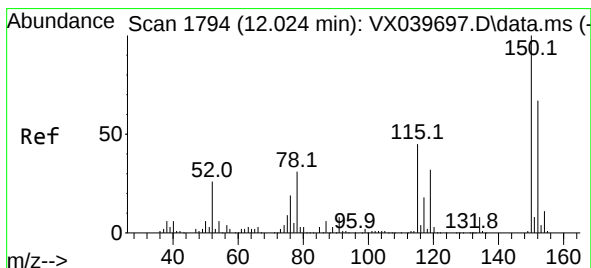
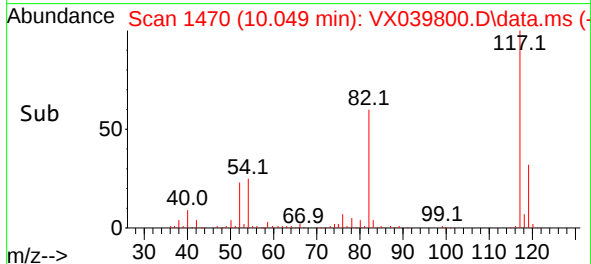
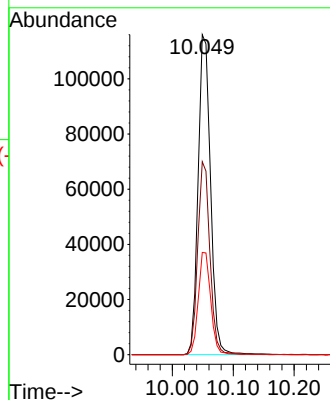
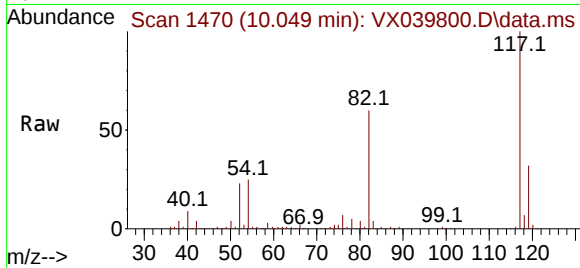




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039800.D
Acq: 17 Jan 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :
TB-011524

Tgt Ion:117 Resp: 164471
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 32.0 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: VX039800.D
Acq: 17 Jan 2024 14:23

Tgt Ion:152 Resp: 78369
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 158.6 0.0 345.0

