

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046637.D
 Acq On : 11 Jun 2025 15:14
 Operator : JC/MD
 Sample : VX0611WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBL02

Quant Time: Jun 12 02:29:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73470	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.769	114	147517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64944	49.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.380%
35) Dibromofluoromethane	5.391	113	54640	50.367	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	8.647	98	194299	54.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.660%
62) 4-Bromofluorobenzene	11.079	95	81807	55.283	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.560%

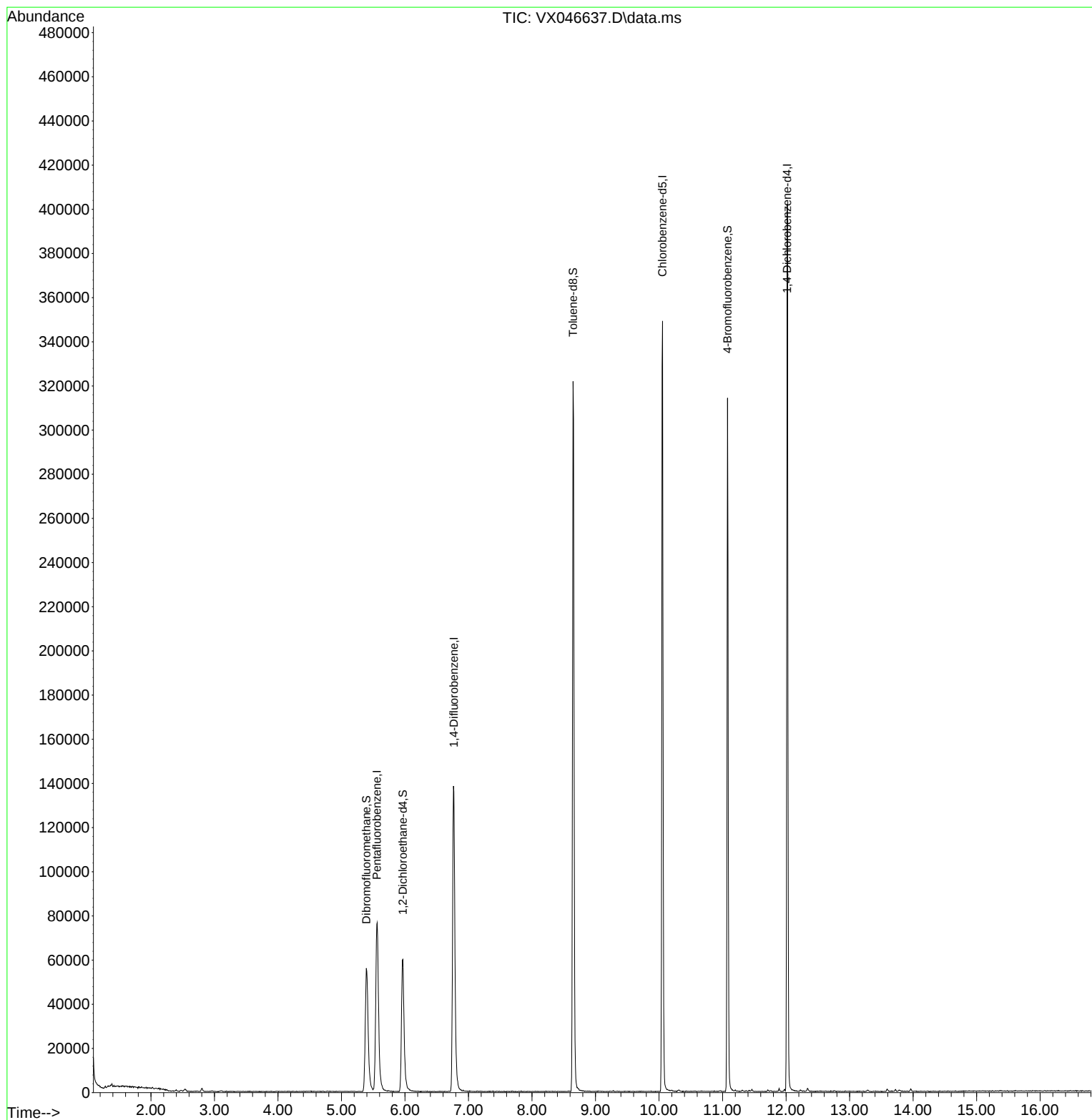
Target Compounds	Qvalue

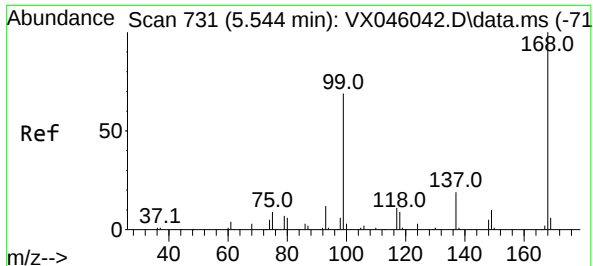
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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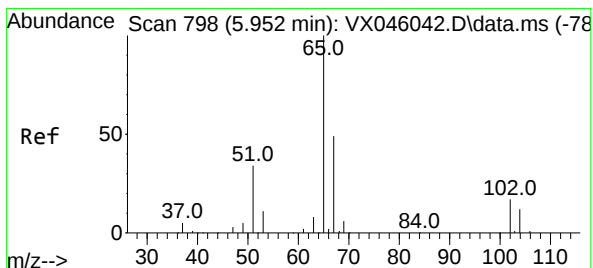
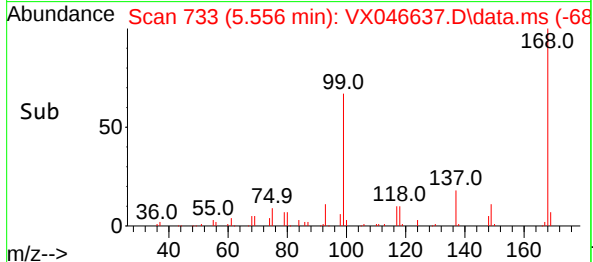
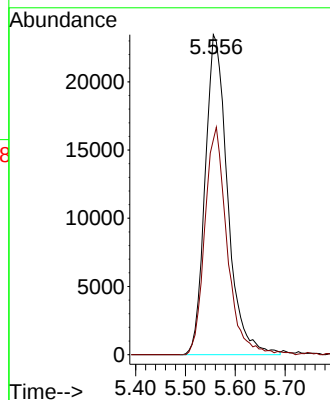
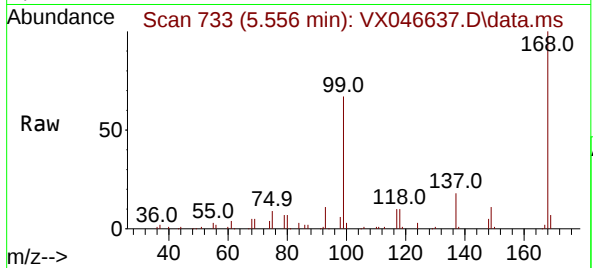




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

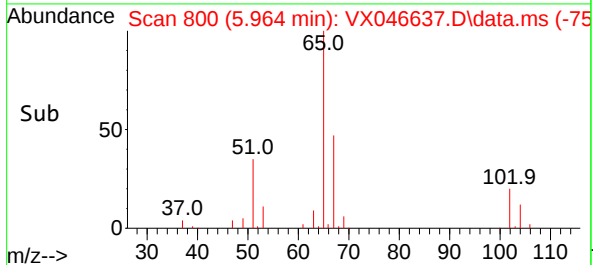
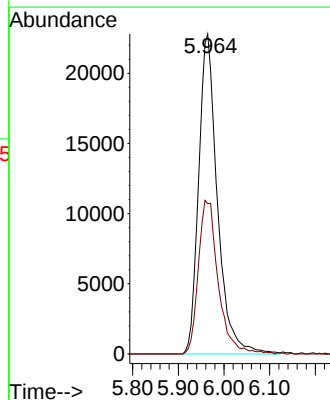
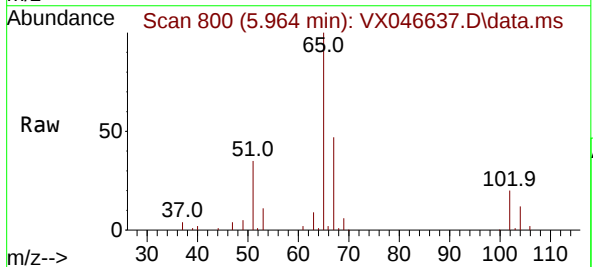
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL02

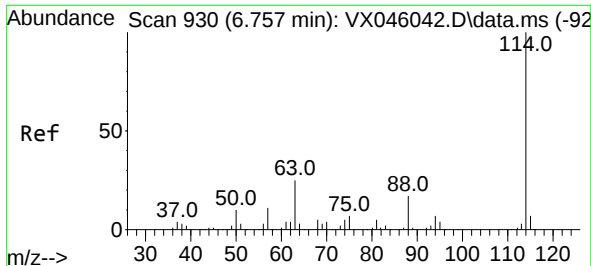
Tgt Ion:168 Resp: 73470
Ion Ratio Lower Upper
168 100
99 67.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 49.685 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

Tgt Ion: 65 Resp: 64944
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.0

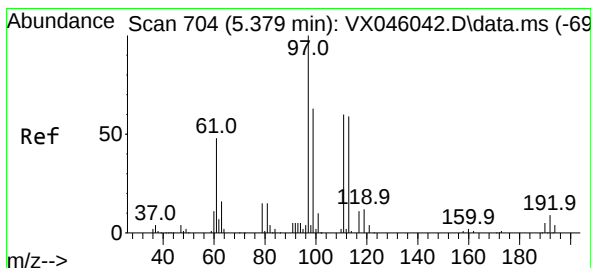
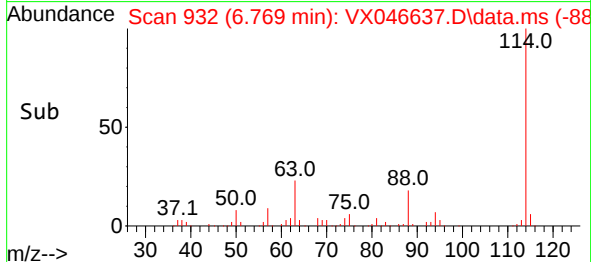
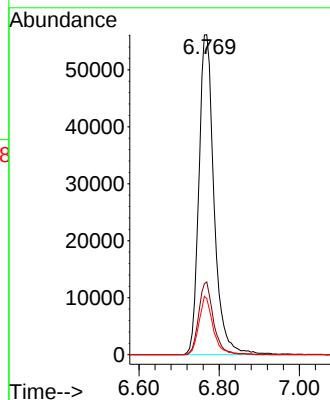
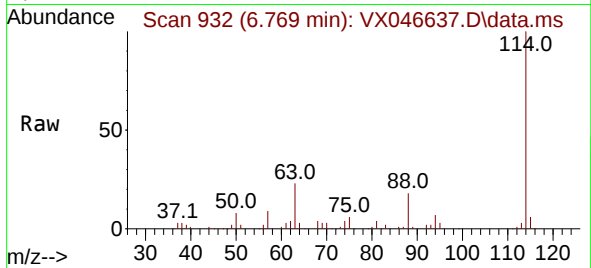




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

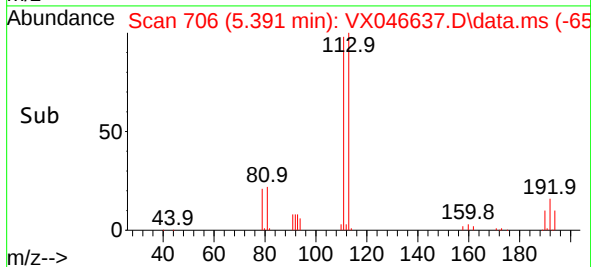
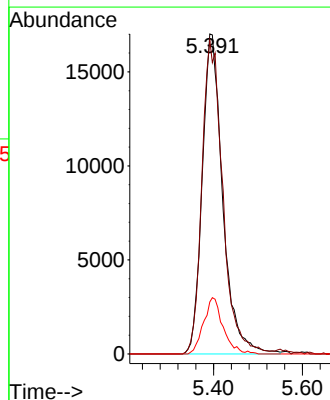
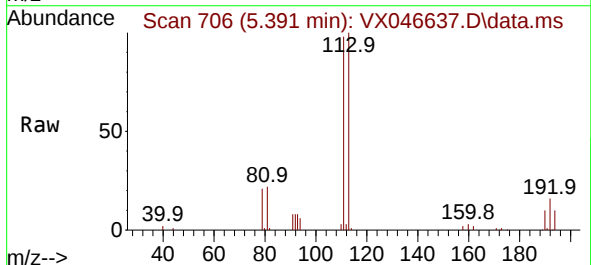
Instrument :
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ClientSampleId :
VX0611WBL02

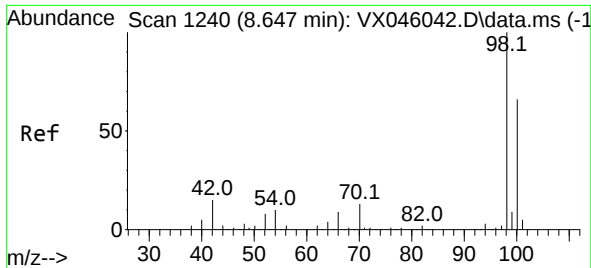
Tgt Ion:114 Resp: 147517
Ion Ratio Lower Upper
114 100
63 22.7 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.367 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.012 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

Tgt Ion:113 Resp: 54640
Ion Ratio Lower Upper
113 100
111 99.7 83.1 124.7
192 16.5 13.3 19.9

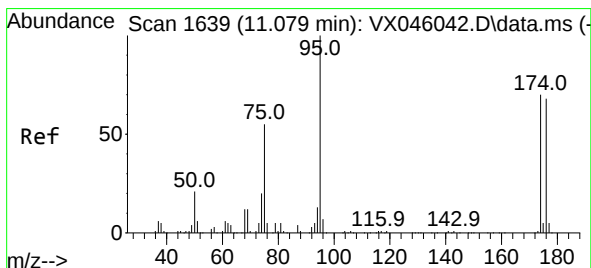
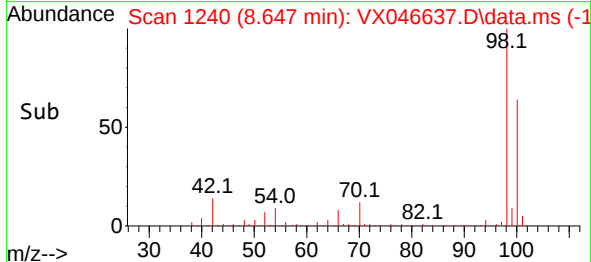
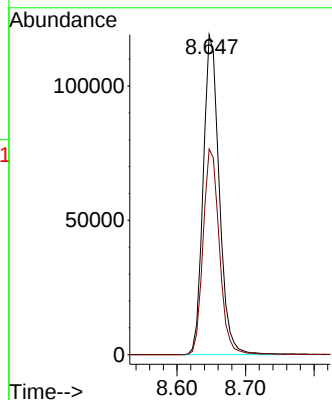
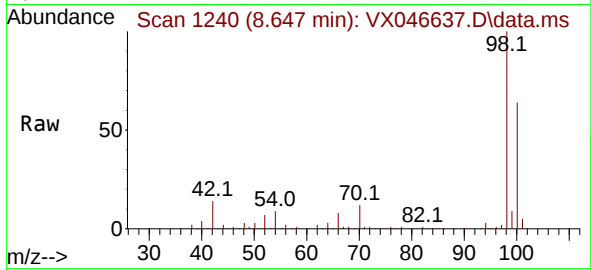




#50
Toluene-d8
Concen: 54.326 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

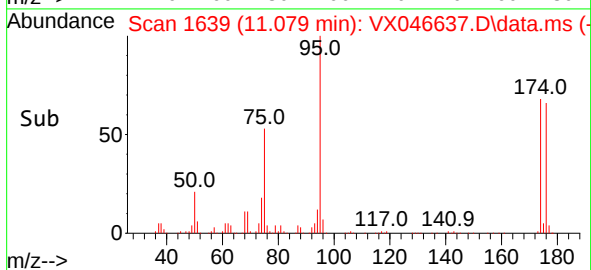
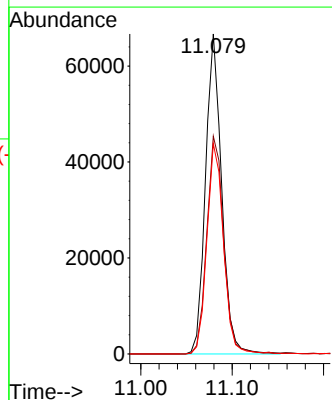
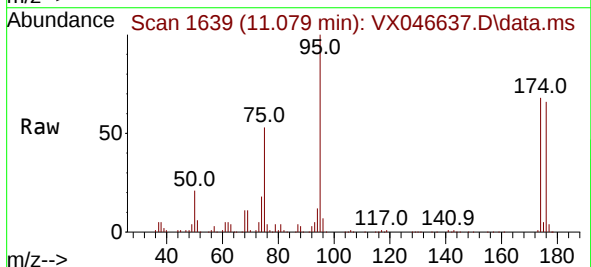
Instrument :
MSVOA_X
ClientSampleId :
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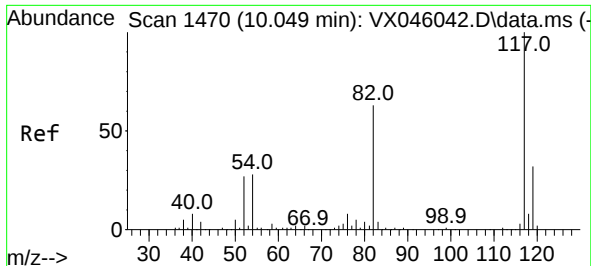
Tgt Ion: 98 Resp: 194299
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

Tgt Ion: 95 Resp: 81807
Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.8
176 67.5 0.0 131.4

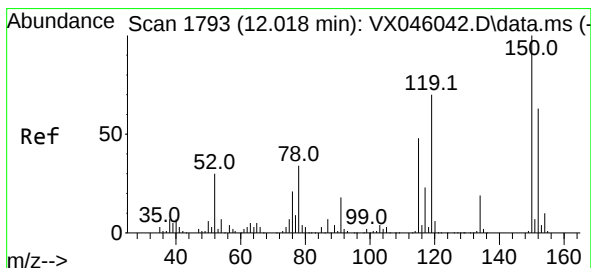
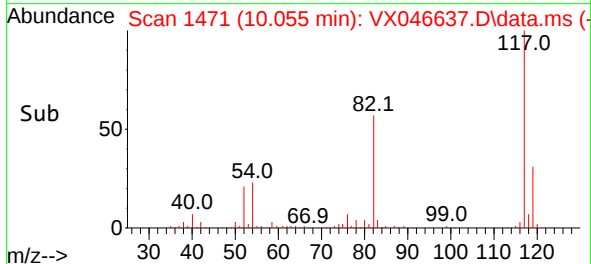
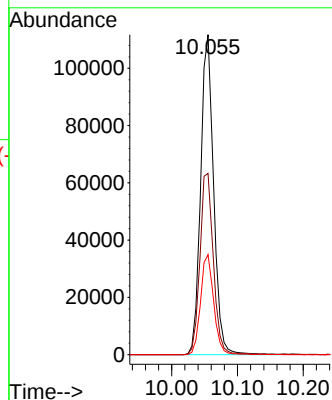
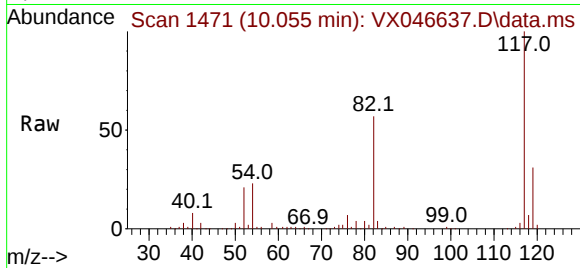




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL02

Tgt Ion:117 Resp: 153084
Ion Ratio Lower Upper
117 100
82 56.7 50.6 76.0
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046637.D
Acq: 11 Jun 2025 15:14

Tgt Ion:152 Resp: 77047
Ion Ratio Lower Upper
152 100
115 63.7 46.9 140.7
150 157.8 0.0 351.0

