

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046638.D
 Acq On : 11 Jun 2025 15:36
 Operator : JC/MD
 Sample : VX0611MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611MBL01

Quant Time: Jun 12 02:30:09 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	5.568	168	111144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99780	50.461	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.920%
35) Dibromofluoromethane	5.403	113	82721	50.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	8.653	98	293378	54.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.720%
62) 4-Bromofluorobenzene	11.079	95	126910	56.836	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.680%

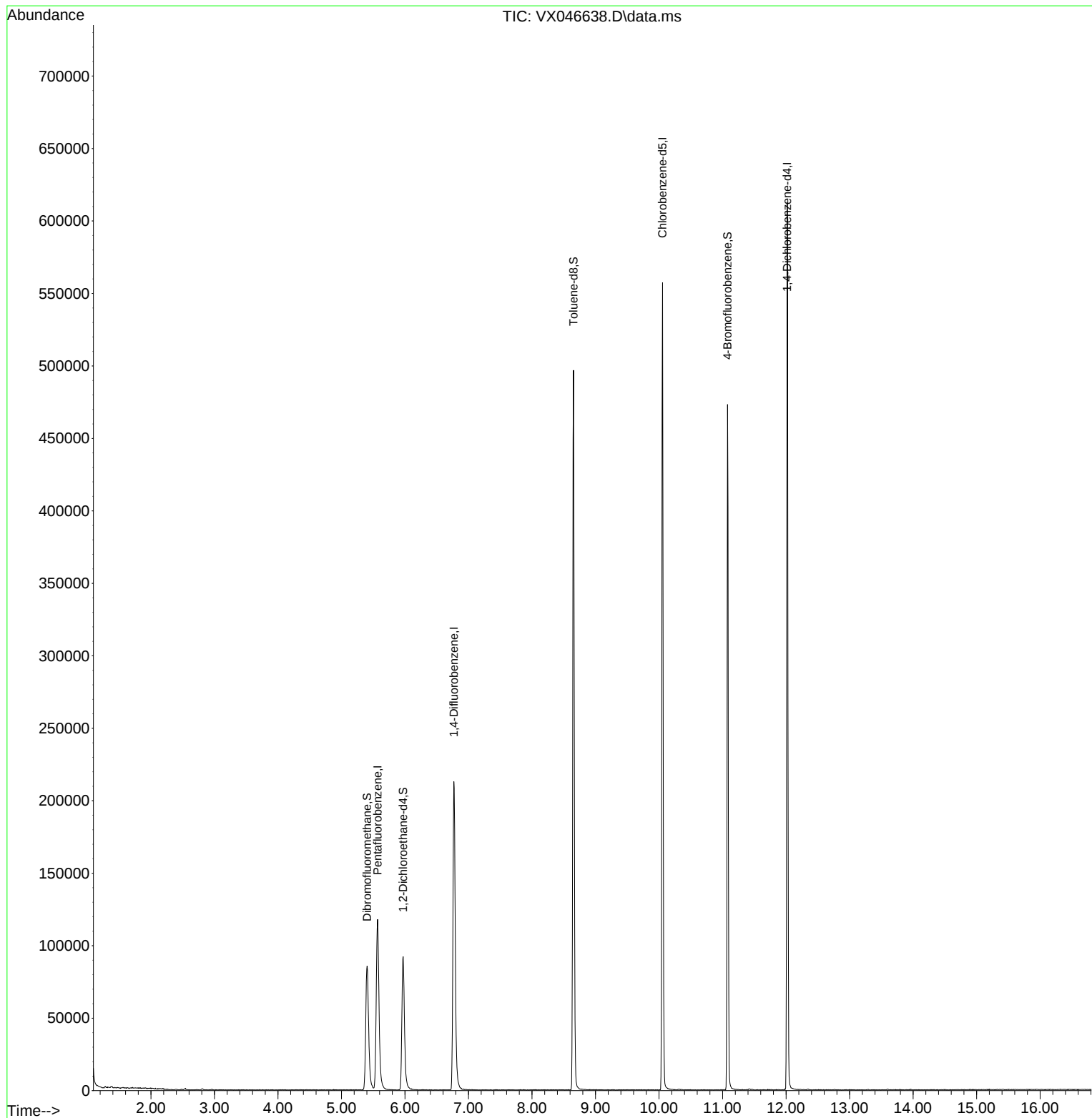
Target Compounds	Qvalue

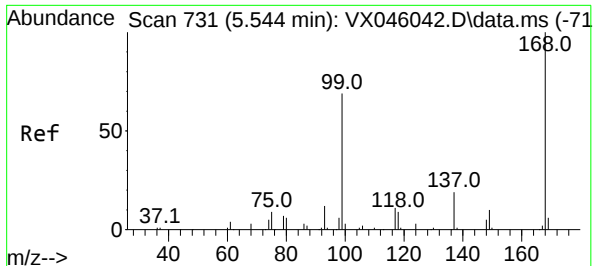
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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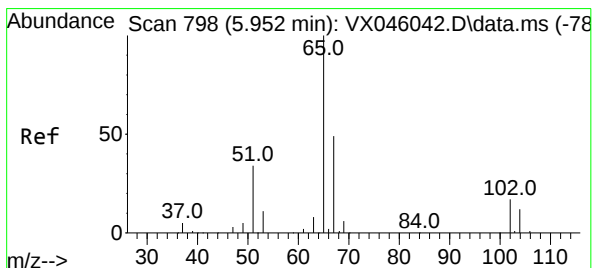
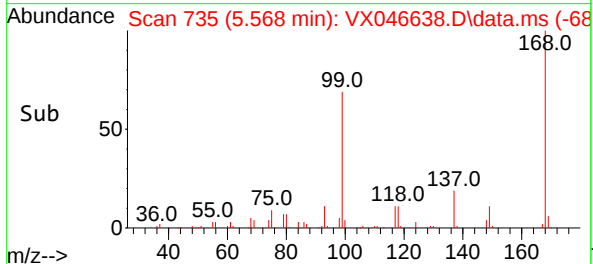
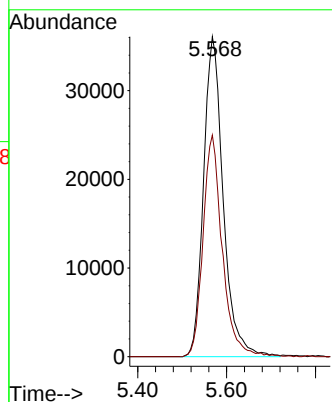
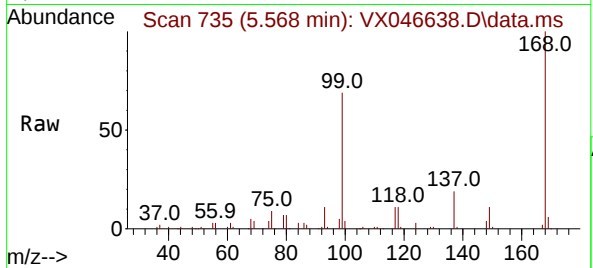




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

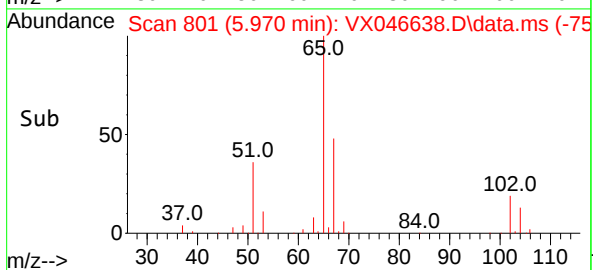
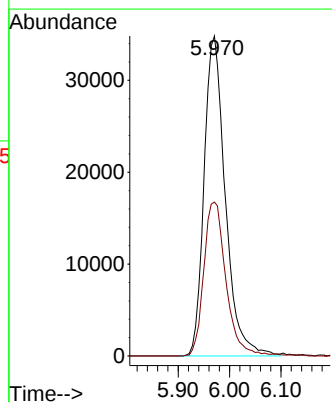
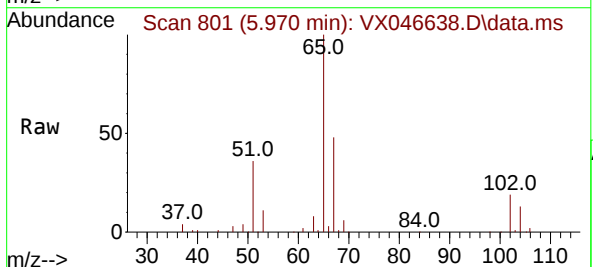
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

Tgt Ion:168 Resp: 111144
Ion Ratio Lower Upper
168 100
99 69.2 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 50.461 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 65 Resp: 99780
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

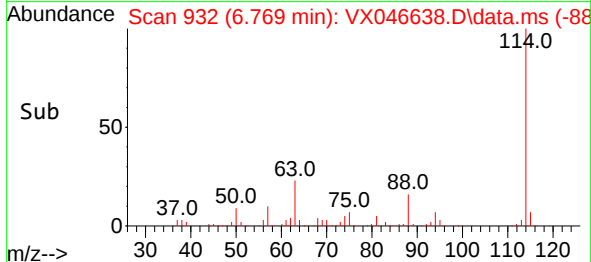
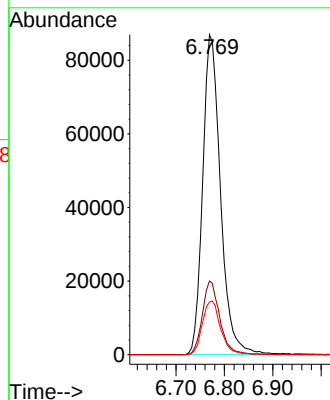
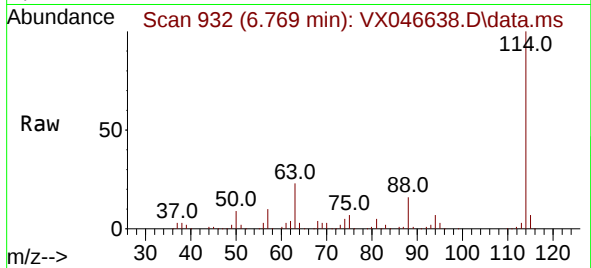




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

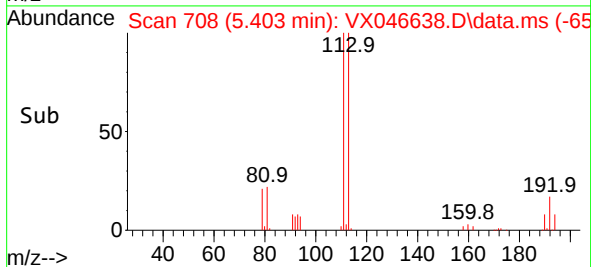
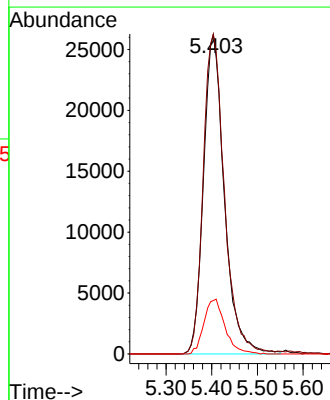
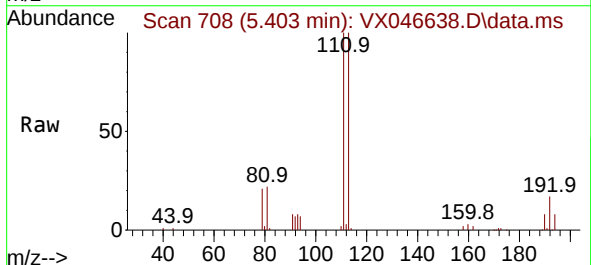
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

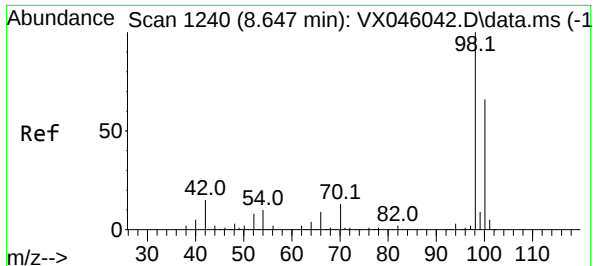
Tgt Ion:114 Resp: 222596
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.533 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion:113 Resp: 82721
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 17.4 13.3 19.9

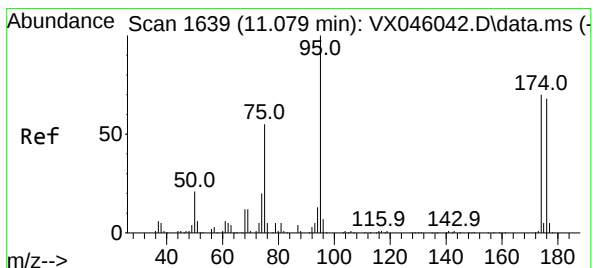
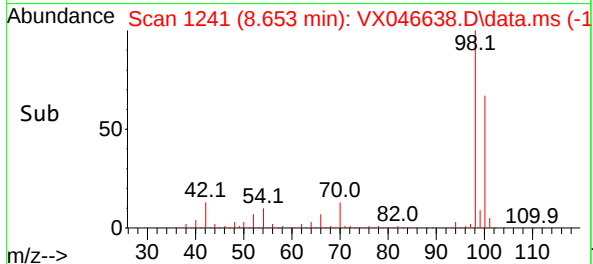
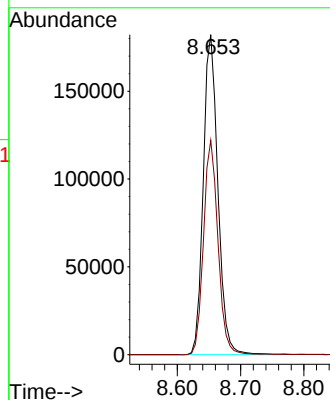
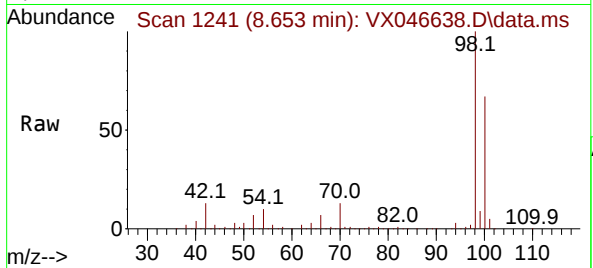




#50
Toluene-d8
Concen: 54.361 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

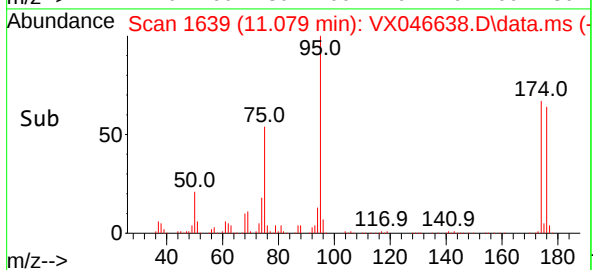
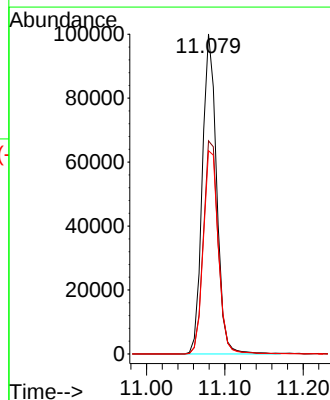
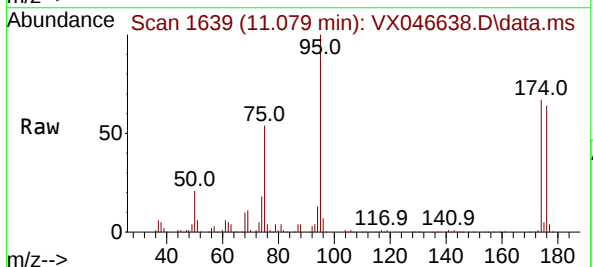
Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

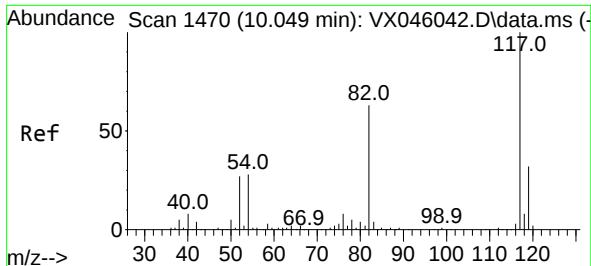
Tgt Ion: 98 Resp: 293378
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 56.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion: 95 Resp: 126910
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 67.0 0.0 131.4

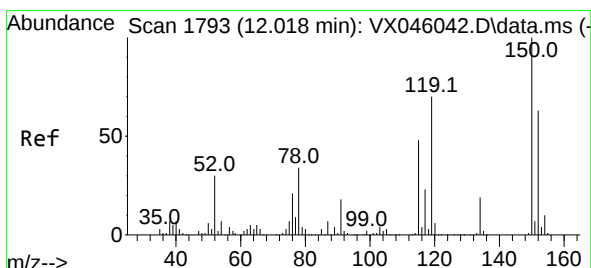
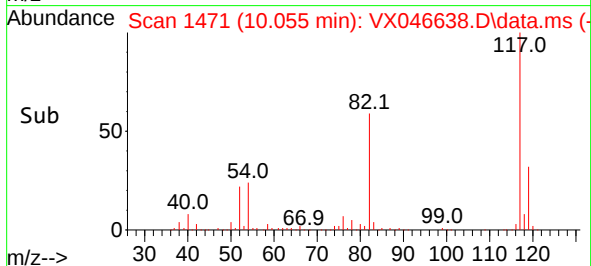
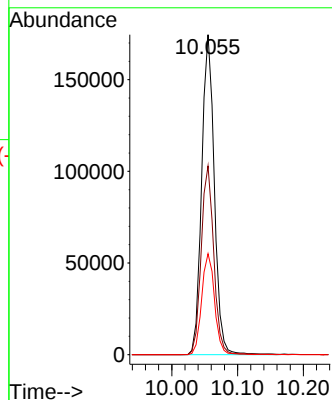
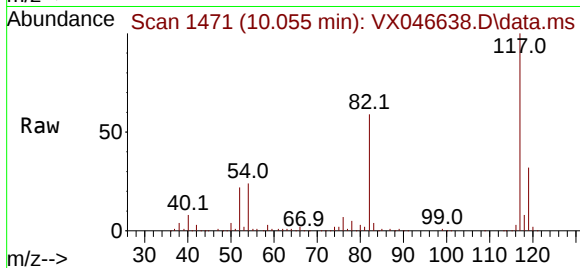




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046638.D
Acq: 11 Jun 2025 15:36

Instrument :
MSVOA_X
ClientSampleId :
VX0611MBL01

Tgt Ion:117 Resp: 233306
Ion Ratio Lower Upper
117 100
82 59.0 50.6 76.0
119 31.5 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: VX046638.D
Acq: 11 Jun 2025 15:36

Tgt Ion:152 Resp: 117551
Ion Ratio Lower Upper
152 100
115 63.3 46.9 140.7
150 156.5 0.0 351.0

