

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046658.D
 Acq On : 12 Jun 2025 12:48
 Operator : JC/MD
 Sample : VX0612MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612MBL01

Quant Time: Jun 13 01:41:36 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	5.562	168	60434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	104695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56116	52.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.380%
35) Dibromofluoromethane	5.397	113	45477	59.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.140%
50) Toluene-d8	8.653	98	149585	58.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	117.860%#
62) 4-Bromofluorobenzene	11.079	95	63161	60.140	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	120.280%

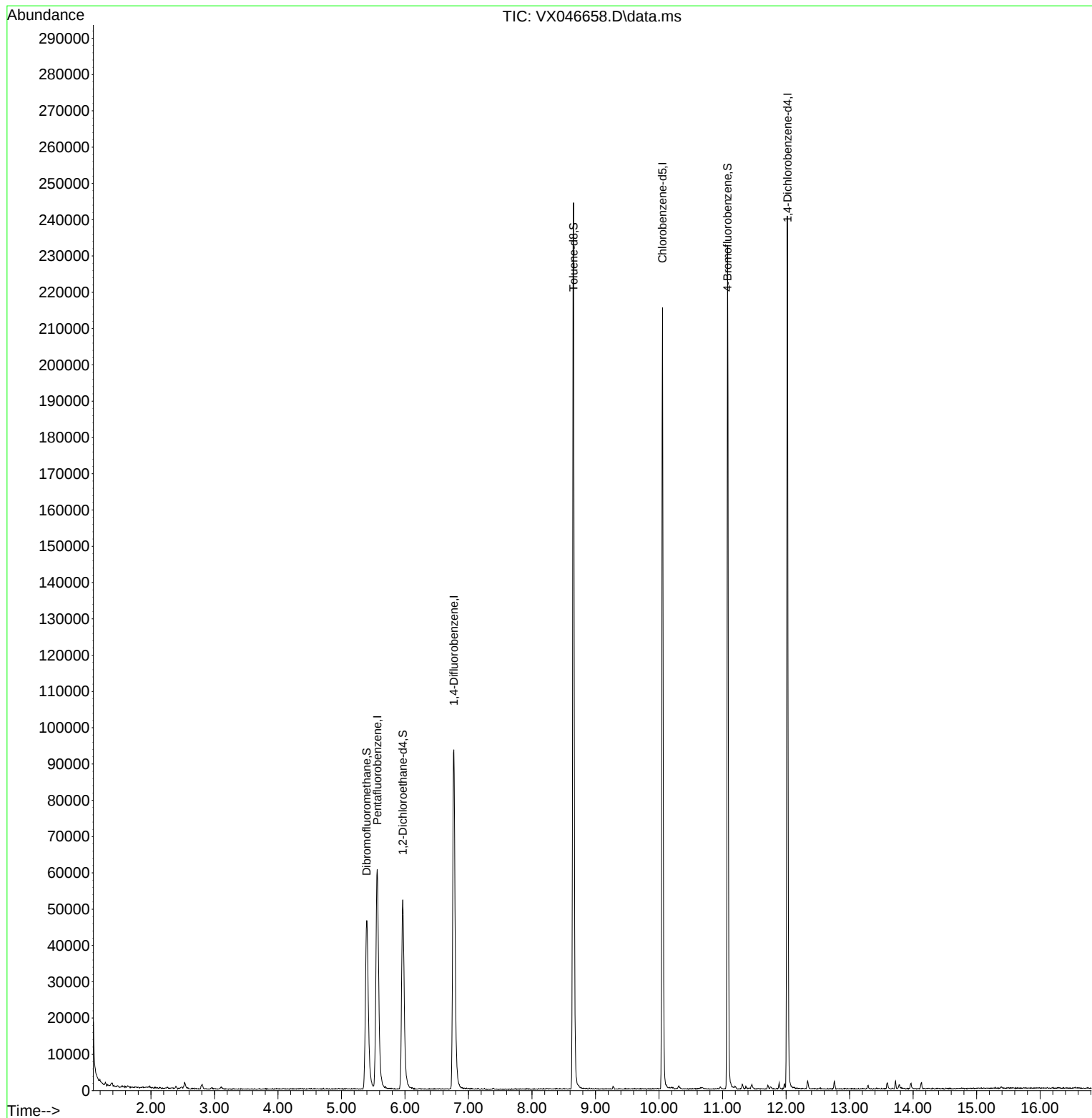
Target Compounds	Qvalue

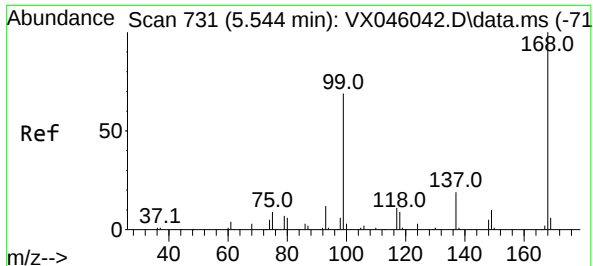
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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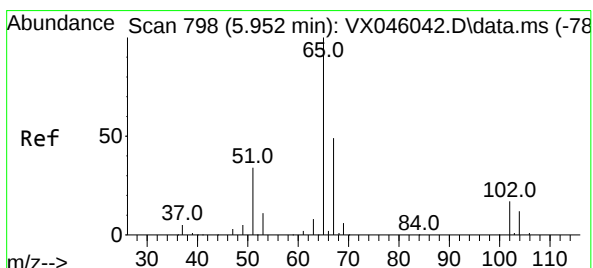
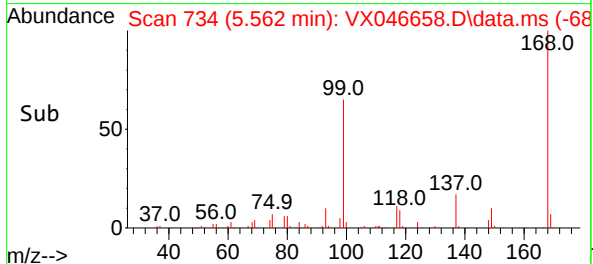
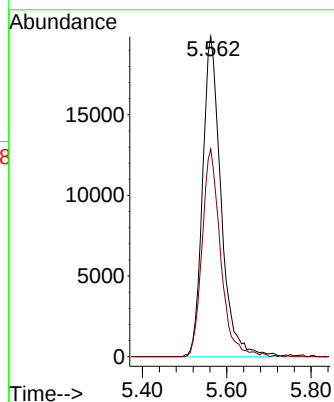
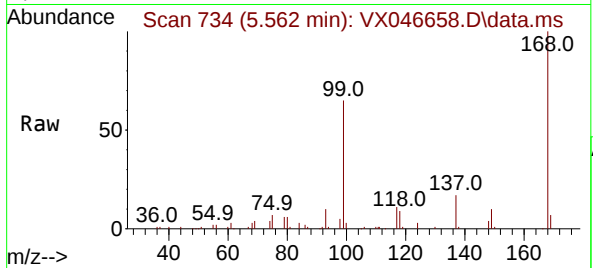




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

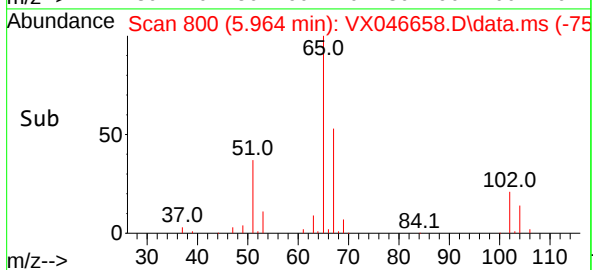
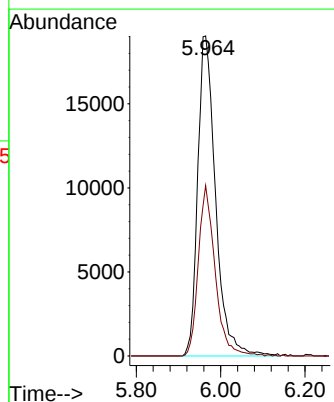
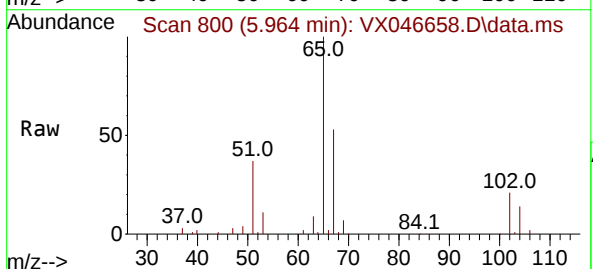
Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

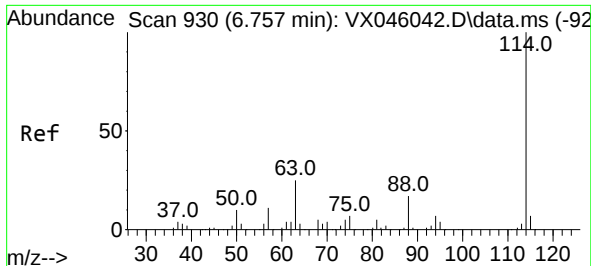
Tgt Ion:168 Resp: 60434
Ion Ratio Lower Upper
168 100
99 64.9 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 52.192 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

Tgt Ion: 65 Resp: 56116
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.0

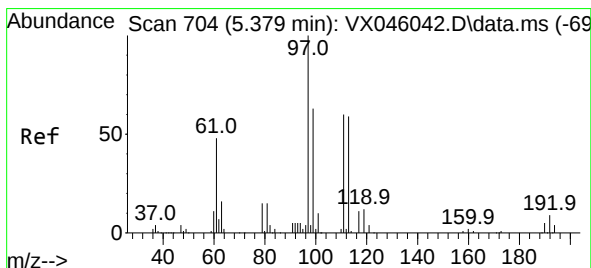
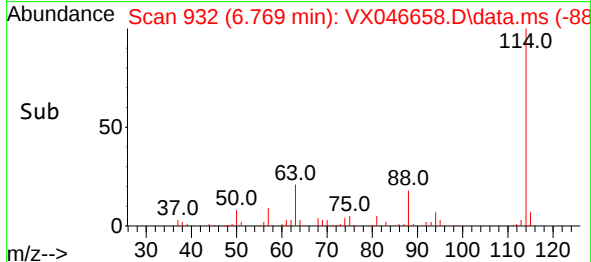
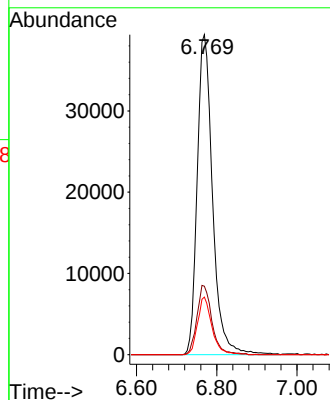
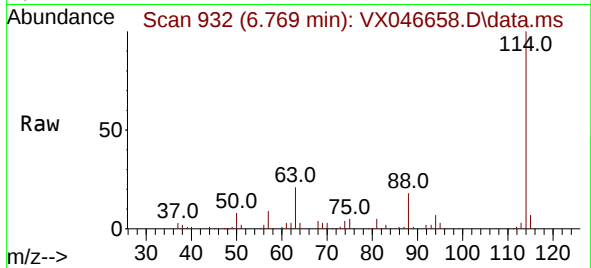




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

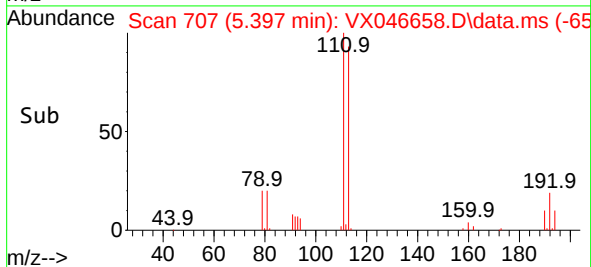
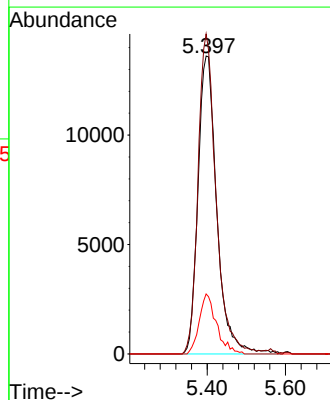
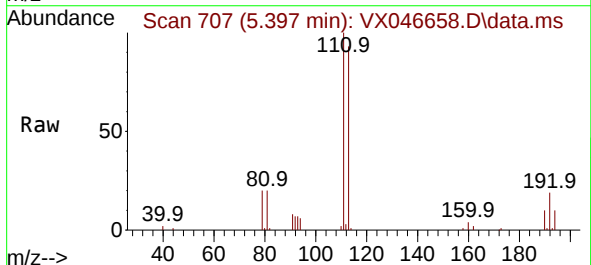
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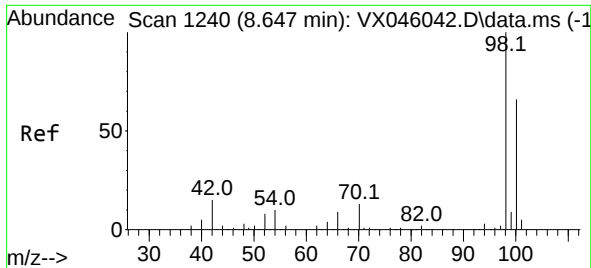
Tgt Ion:114 Resp: 104695
Ion Ratio Lower Upper
114 100
63 21.4 0.0 49.2
88 18.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 59.067 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

Tgt Ion:113 Resp: 45477
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 18.5 13.3 19.9

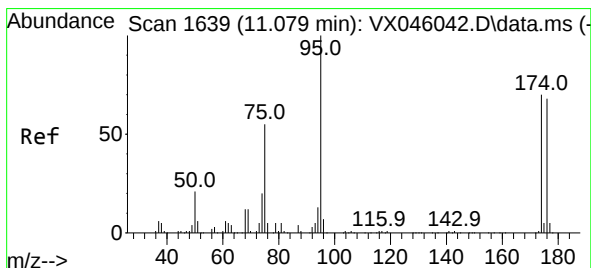
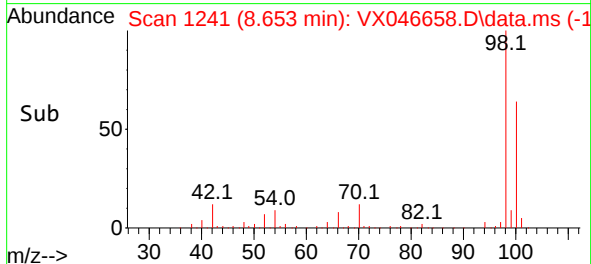
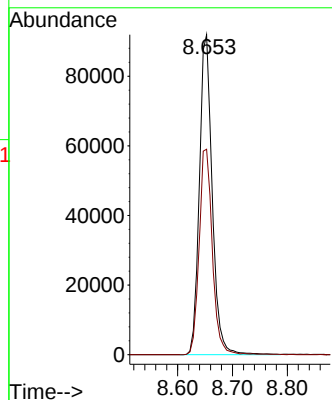
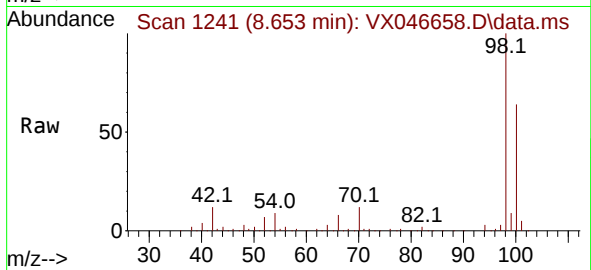




#50
Toluene-d8
Concen: 58.930 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

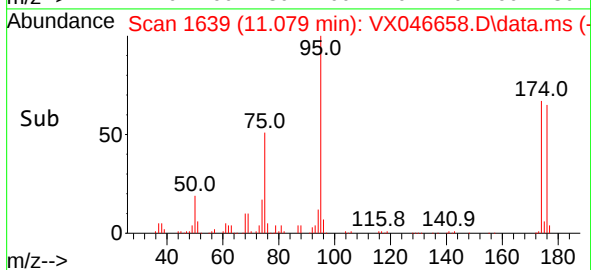
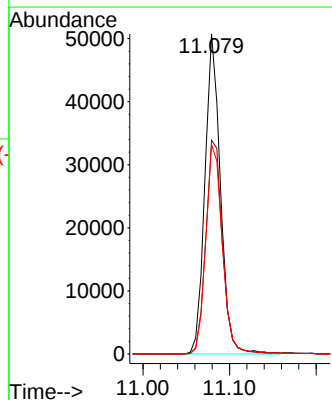
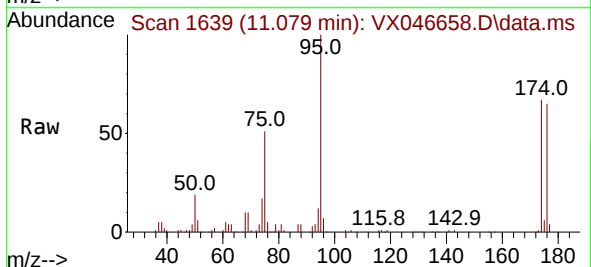
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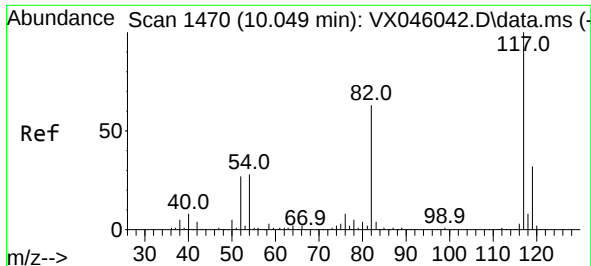
Tgt Ion: 98 Resp: 149585
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 60.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

Tgt Ion: 95 Resp: 63161
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.8
176 70.1 0.0 131.4

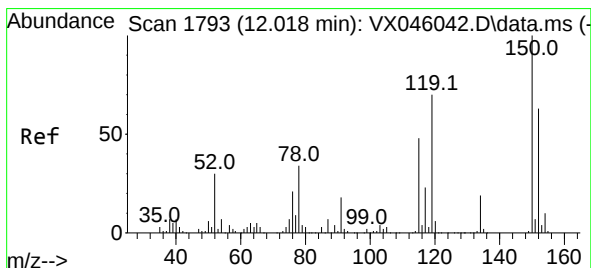
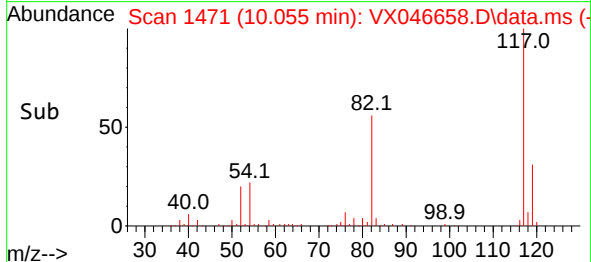
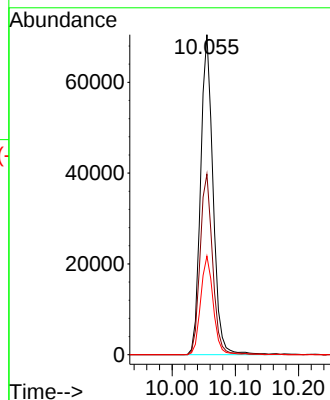
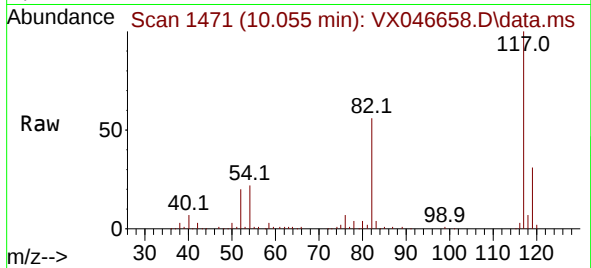




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

Tgt Ion:117 Resp: 96611
Ion Ratio Lower Upper
117 100
82 56.4 50.6 76.0
119 30.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046658.D
Acq: 12 Jun 2025 12:48

Tgt Ion:152 Resp: 50000
Ion Ratio Lower Upper
152 100
115 61.8 46.9 140.7
150 159.2 0.0 351.0

