

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047358.D
 Acq On : 15 Aug 2025 13:39
 Operator : JC/MD
 Sample : VX0815WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBL01

Quant Time: Aug 18 04:31:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	213035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170884	57.315	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.620%
35) Dibromofluoromethane	5.391	113	145936	54.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.720%
50) Toluene-d8	8.647	98	494208	51.504	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.000%
62) 4-Bromofluorobenzene	11.079	95	202494	57.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.380%

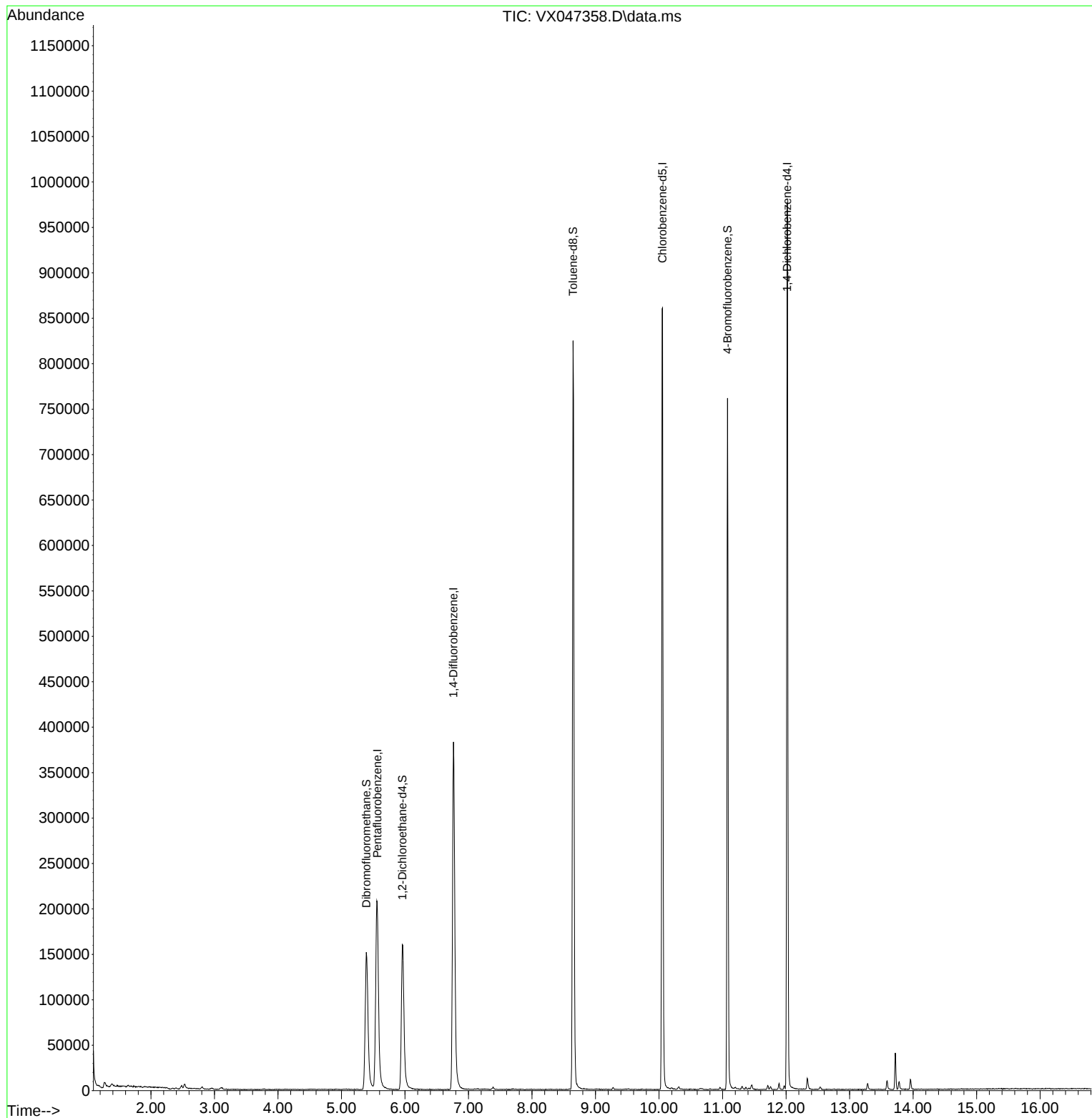
Target Compounds	Qvalue

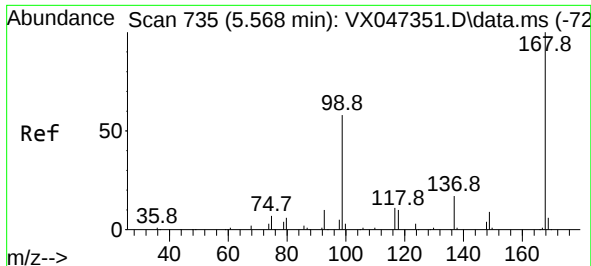
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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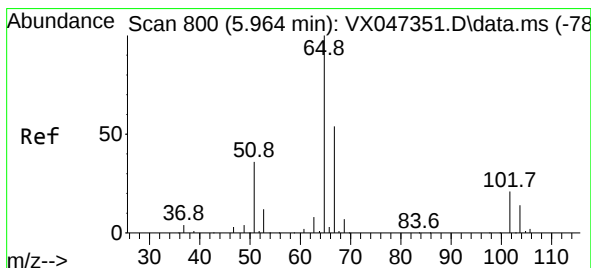
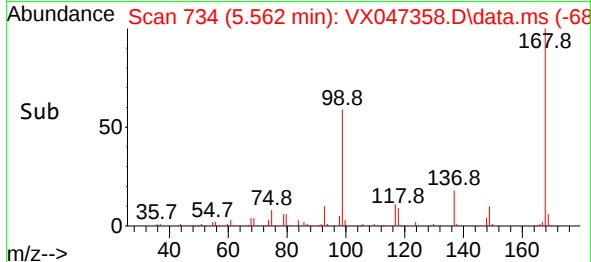
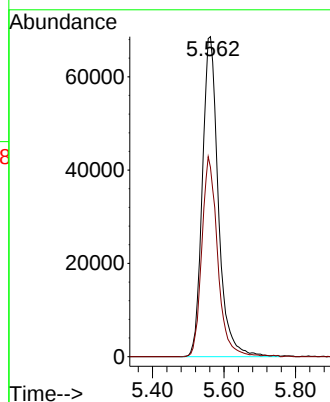
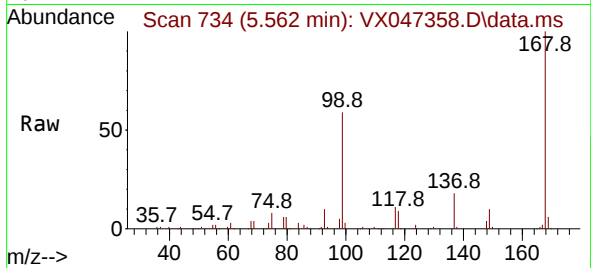




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

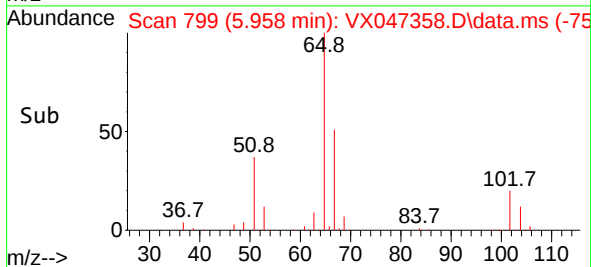
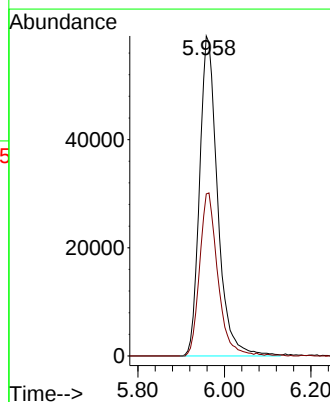
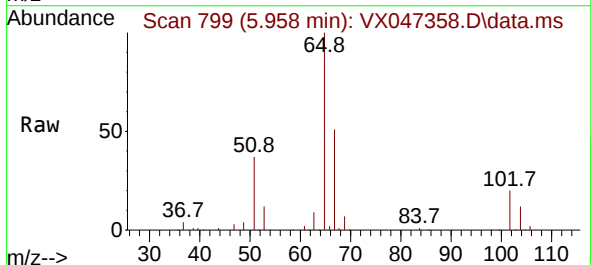
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

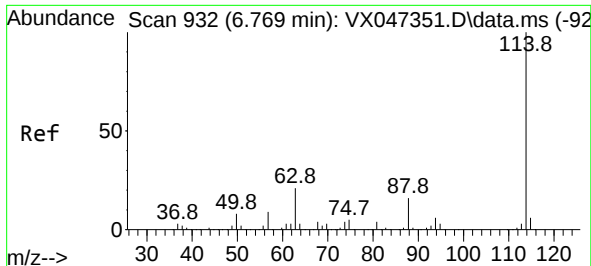
Tgt Ion:168 Resp: 213035
Ion Ratio Lower Upper
168 100
99 59.2 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 57.315 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion: 65 Resp: 170884
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

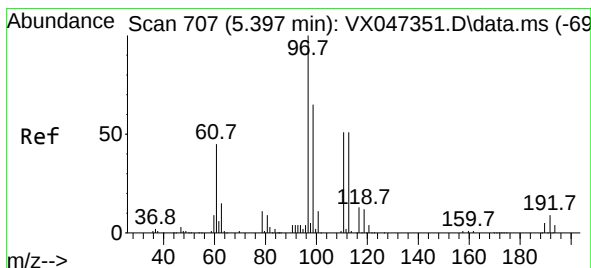
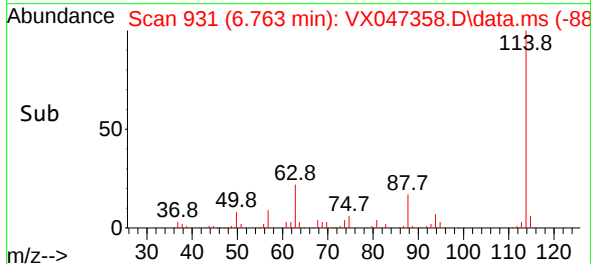
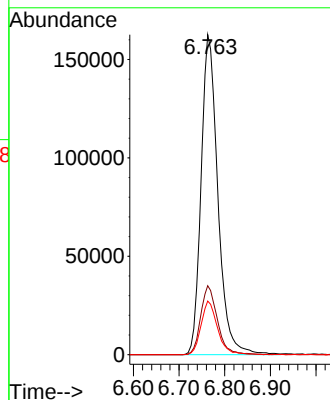
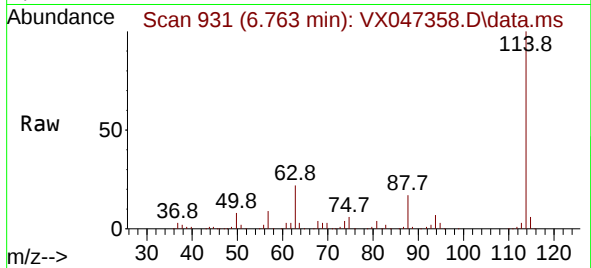




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

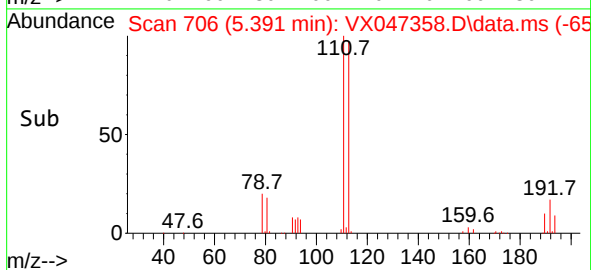
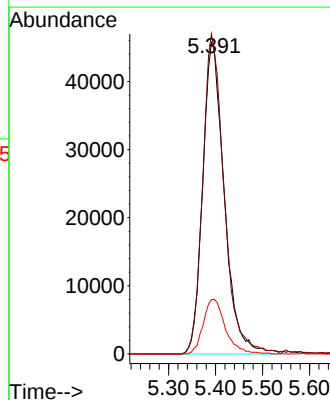
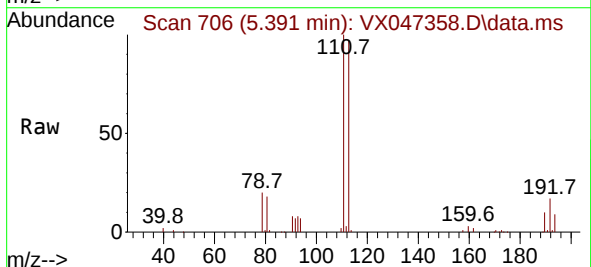
Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

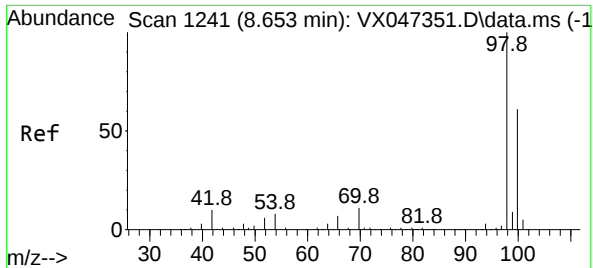
Tgt Ion:114 Resp: 413649
Ion Ratio Lower Upper
114 100
63 24.6 0.0 42.4
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.360 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion:113 Resp: 145936
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.2
192 18.0 14.1 21.1

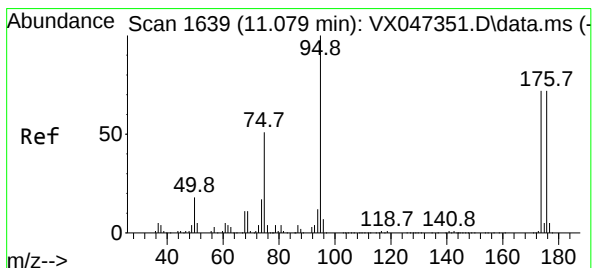
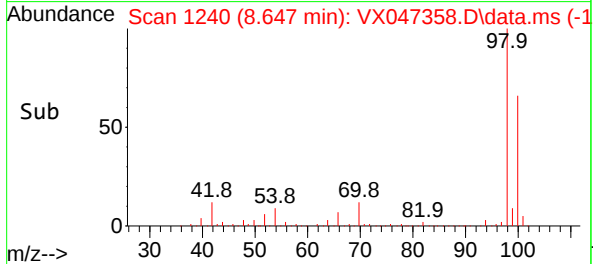
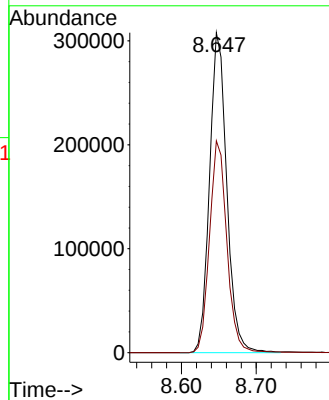
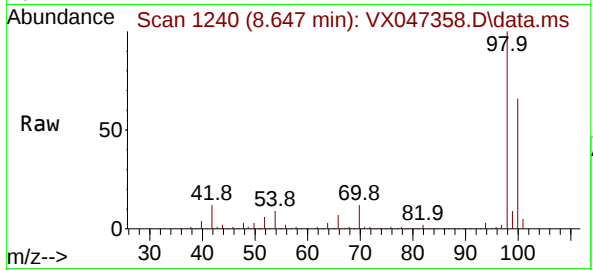




#50
Toluene-d8
Concen: 51.504 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

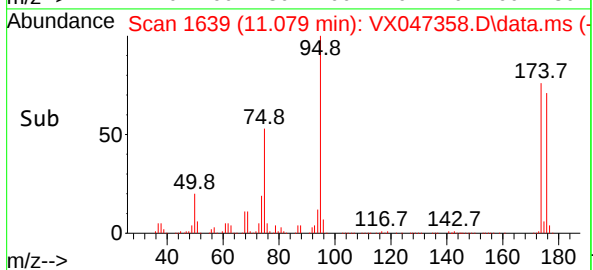
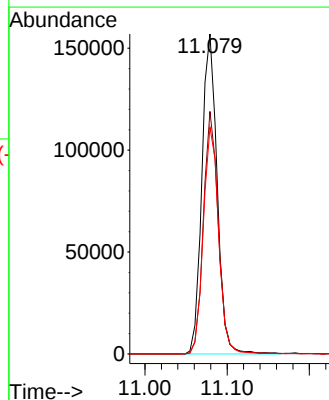
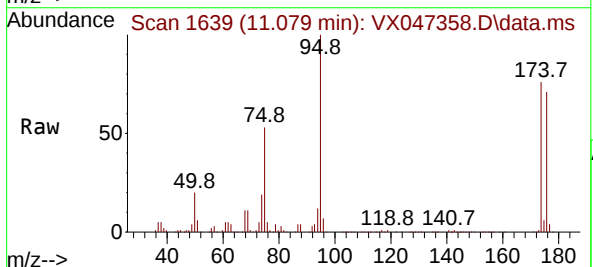
Instrument :
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ClientSampleId :
VX0815WBL01

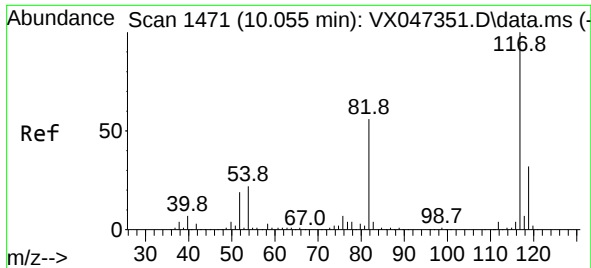
Tgt Ion: 98 Resp: 494208
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 57.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion: 95 Resp: 202494
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.1 0.0 145.4

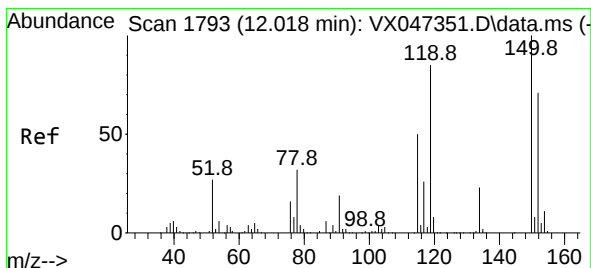
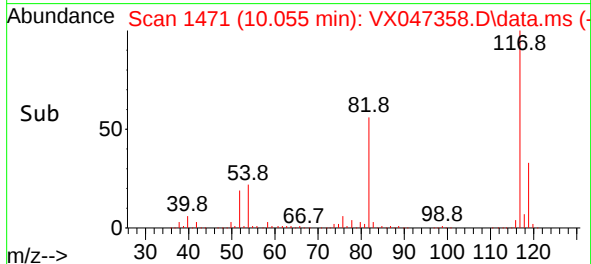
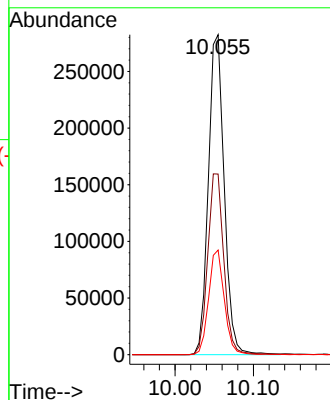
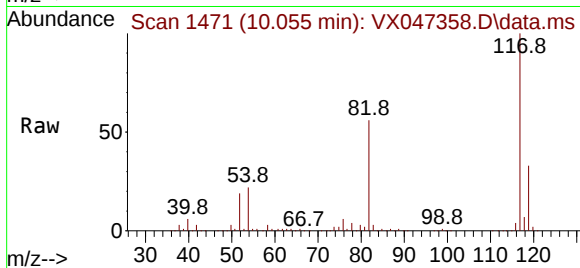




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBL01

Tgt Ion:117 Resp: 396719
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047358.D
Acq: 15 Aug 2025 13:39

Tgt Ion:152 Resp: 194794
Ion Ratio Lower Upper
152 100
115 62.6 44.6 133.8
150 157.1 0.0 349.8

