

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047503.D
 Acq On : 22 Aug 2025 17:07
 Operator : JC/MD
 Sample : Q2939-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 25 01:31:03 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	5.568	168	225245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	459886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	247511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	199021	63.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	126.260%#
35) Dibromofluoromethane	5.397	113	155519	52.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.220%
50) Toluene-d8	8.653	98	523106	49.034	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	230300	58.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.000%

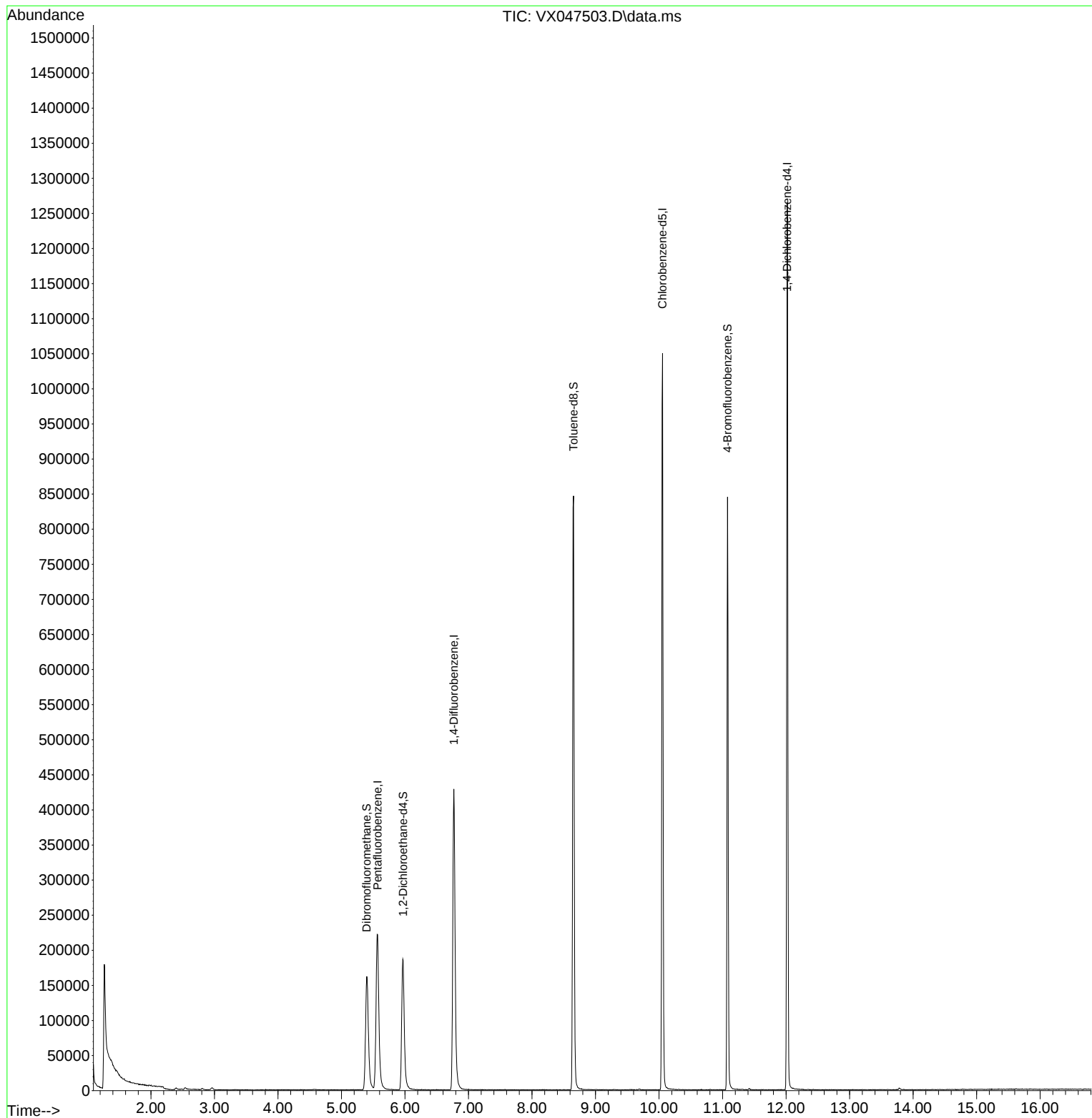
Target Compounds	Qvalue

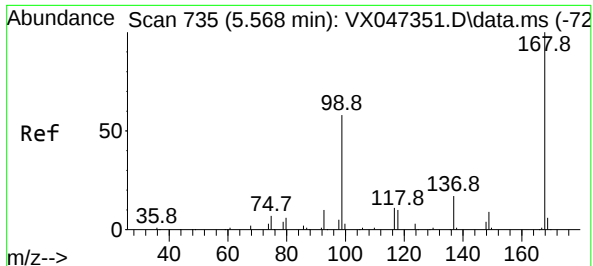
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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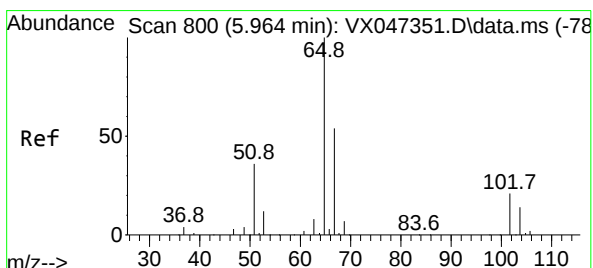
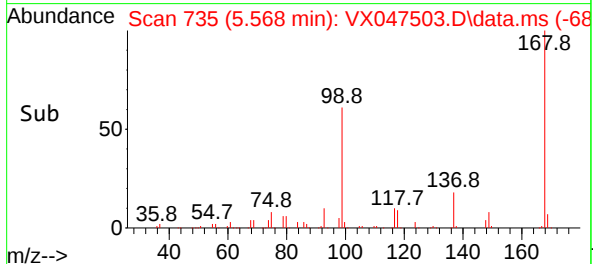
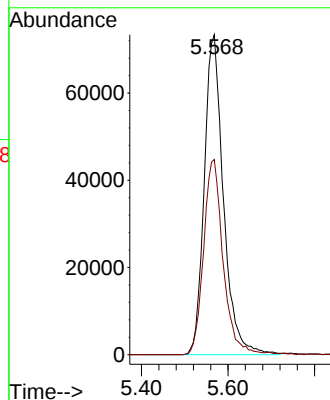
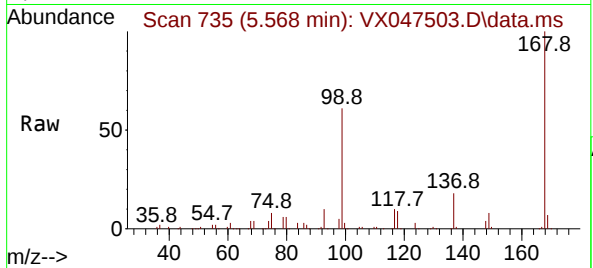




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047503.D
Acq: 22 Aug 2025 17:07

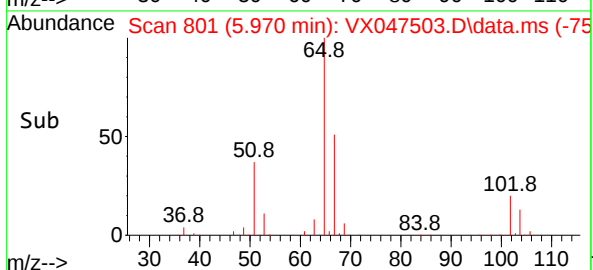
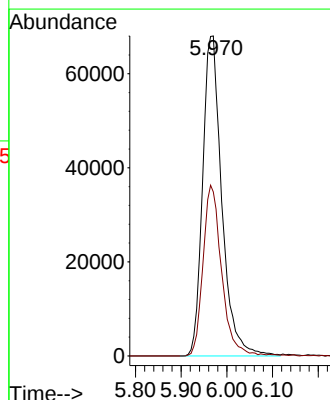
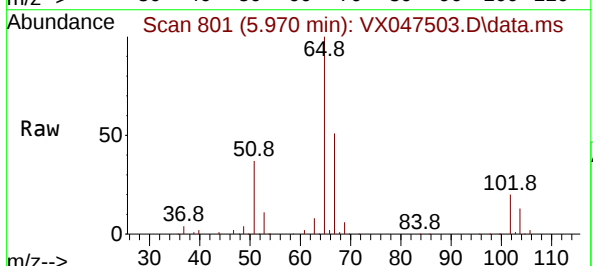
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

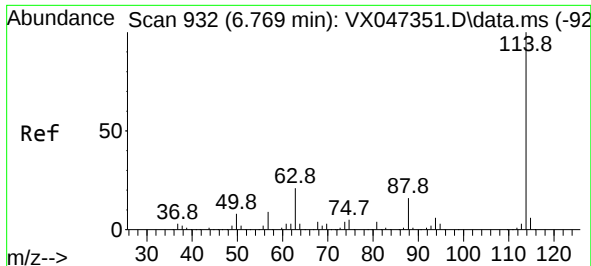
Tgt Ion:168 Resp: 225245
Ion Ratio Lower Upper
168 100
99 61.0 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 63.134 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047503.D
Acq: 22 Aug 2025 17:07

Tgt Ion: 65 Resp: 199021
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0

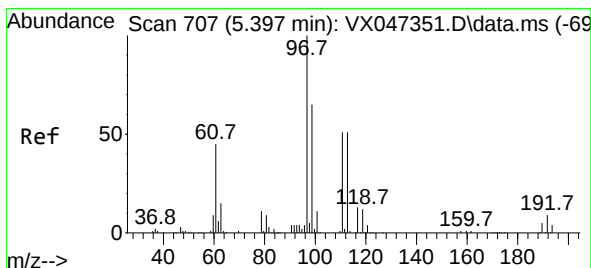
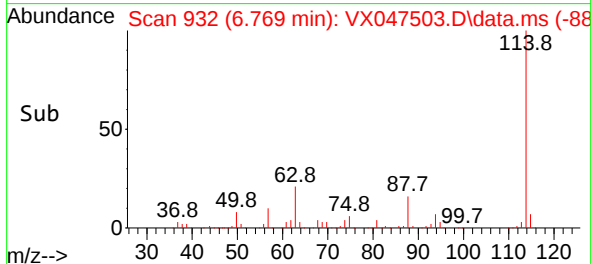
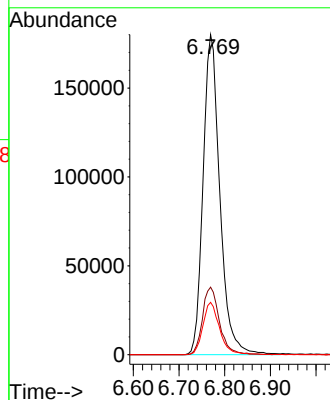
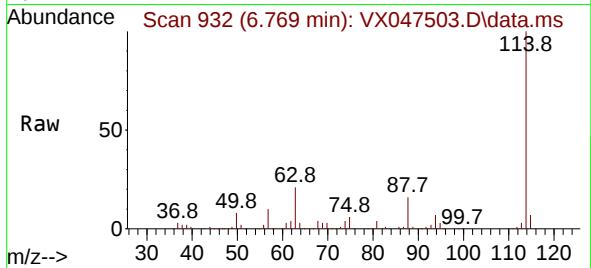




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047503.D
Acq: 22 Aug 2025 17:07

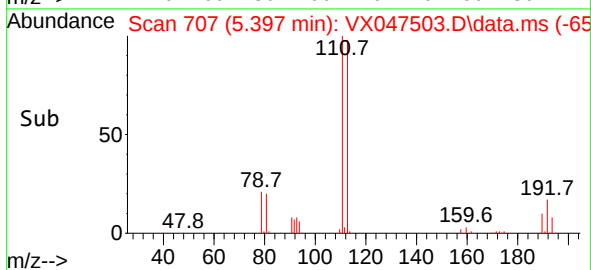
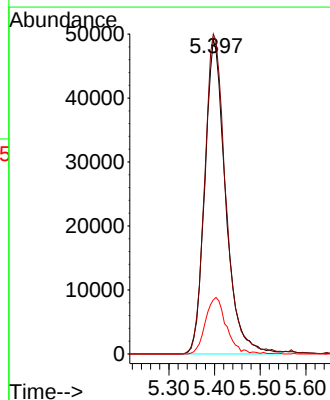
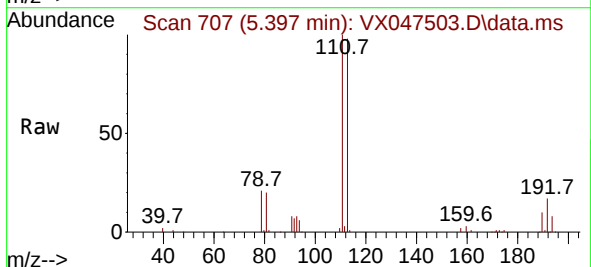
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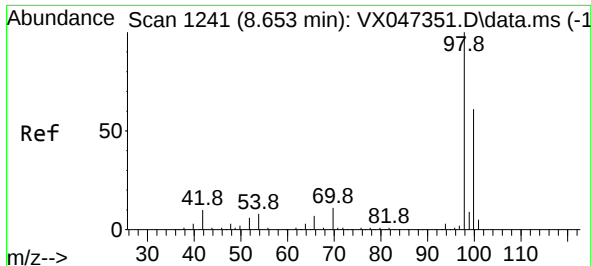
Tgt Ion:114 Resp: 459886
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.105 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047503.D
Acq: 22 Aug 2025 17:07

Tgt Ion:113 Resp: 155519
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 18.0 14.1 21.1

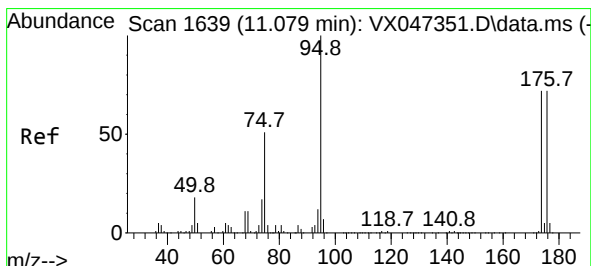
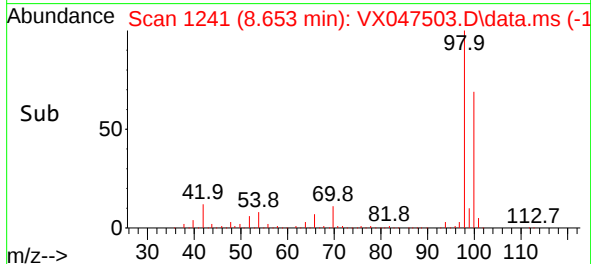
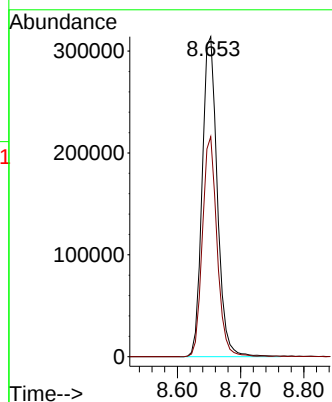
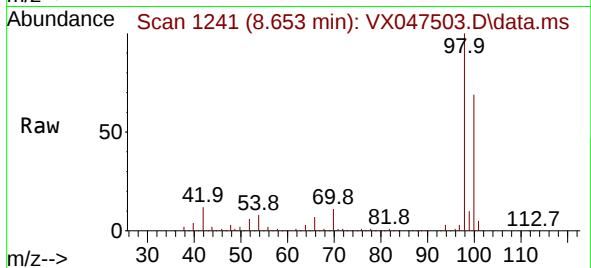




#50
Toluene-d8
Concen: 49.034 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047503.D
Acq: 22 Aug 2025 17:07

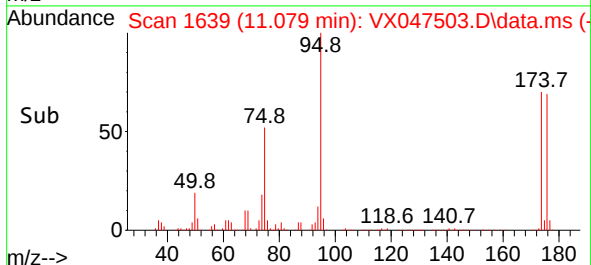
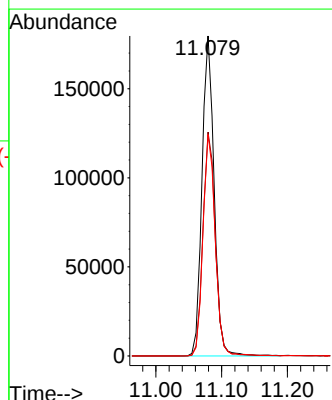
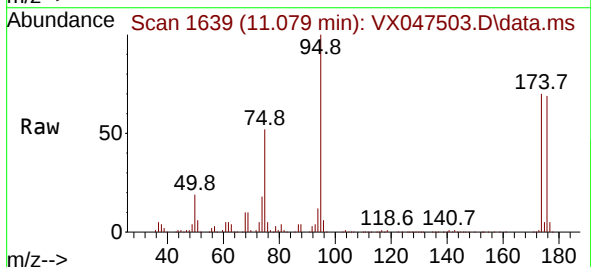
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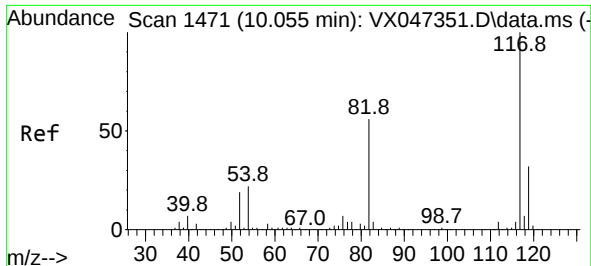
Tgt Ion: 98 Resp: 523106
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 58.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047503.D
Acq: 22 Aug 2025 17:07

Tgt Ion: 95 Resp: 230300
Ion Ratio Lower Upper
95 100
174 71.1 0.0 148.0
176 69.9 0.0 145.4

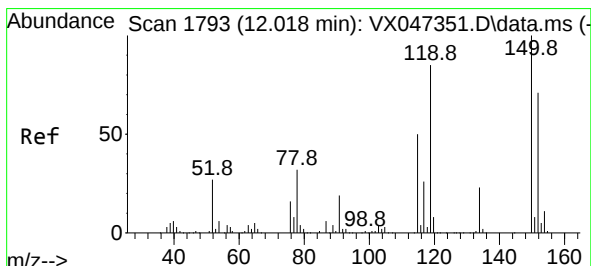
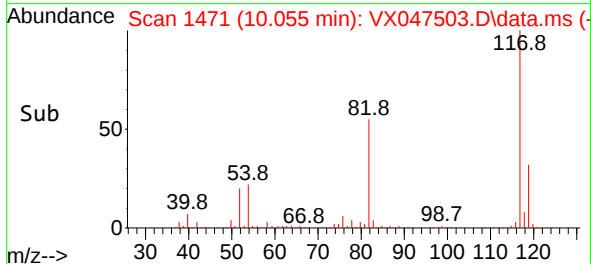
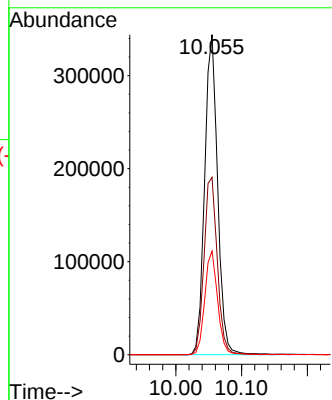
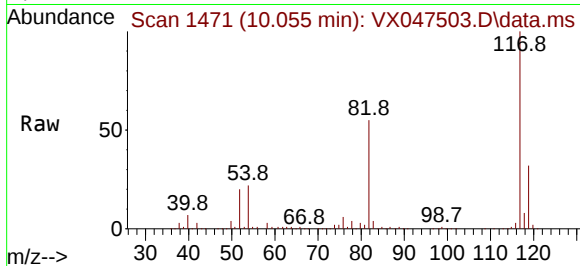




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047503.D
Acq: 22 Aug 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 471515
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.3 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: VX047503.D
Acq: 22 Aug 2025 17:07

Tgt Ion:152 Resp: 247511
Ion Ratio Lower Upper
152 100
115 61.2 44.6 133.8
150 157.4 0.0 349.8

