

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047137.D
 Acq On : 25 Jul 2025 13:04
 Operator : JC/MD
 Sample : Q2693-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 26 00:28:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	462869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	849197	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	815883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	417184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	317480	55.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.120%	
35) Dibromofluoromethane	5.397	113	261141	49.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.620%	
50) Toluene-d8	8.653	98	938167	55.251	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.500%	
62) 4-Bromofluorobenzene	11.079	95	393455	53.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.540%	

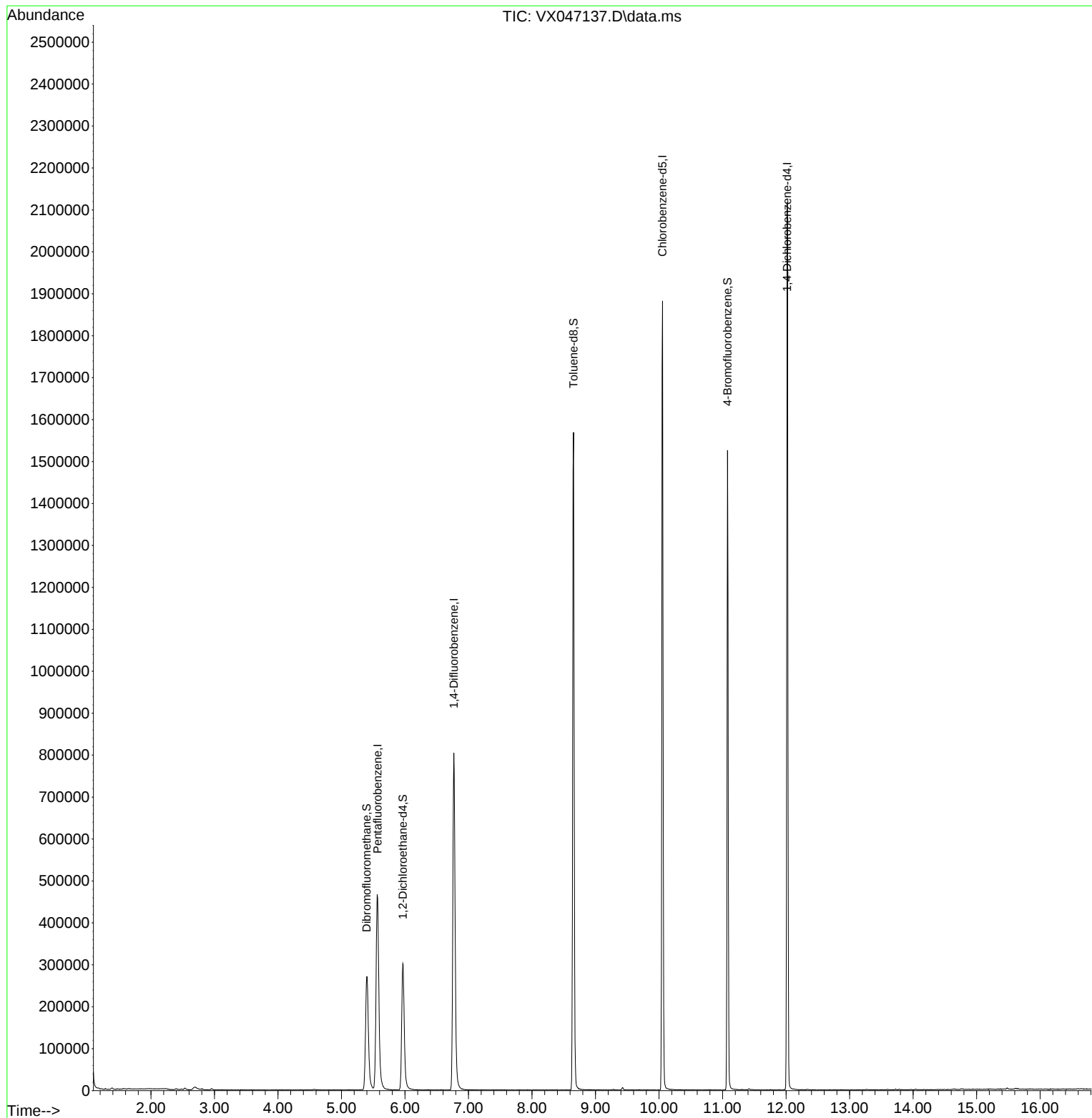
Target Compounds	Qvalue

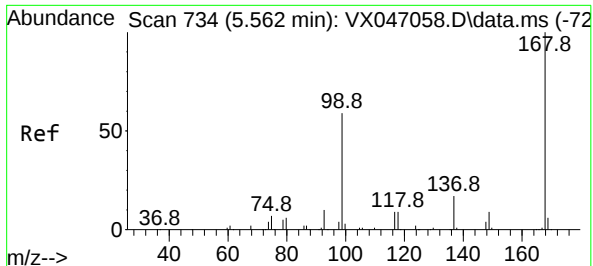
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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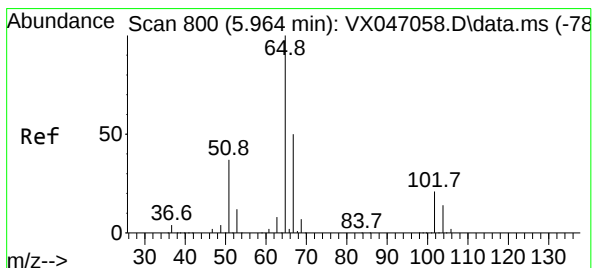
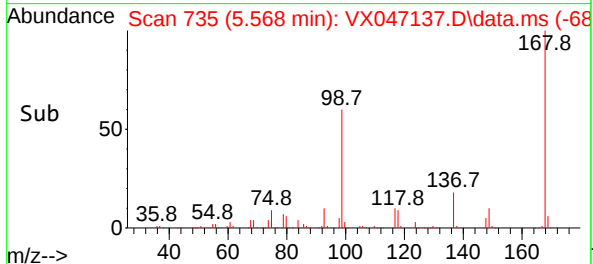
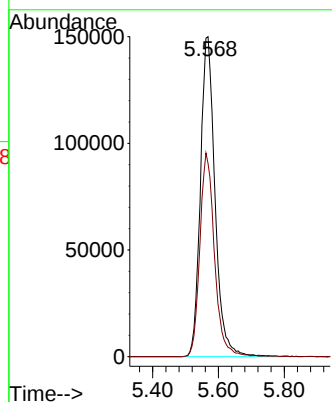
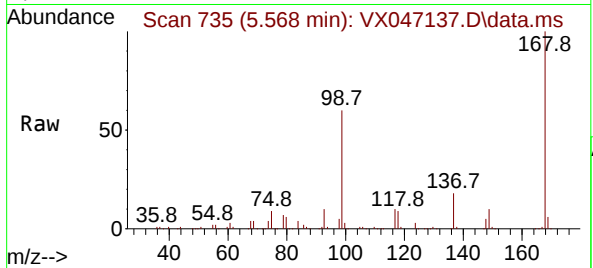




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

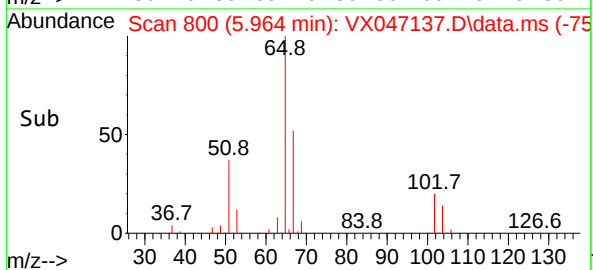
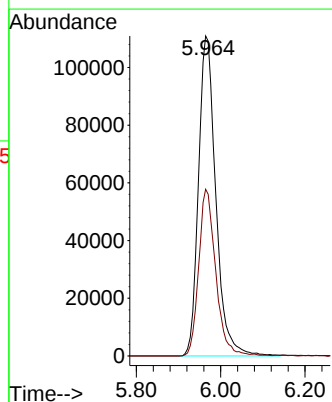
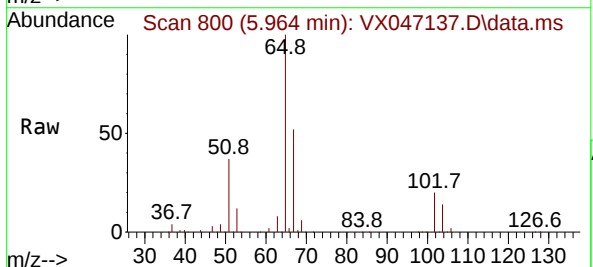
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

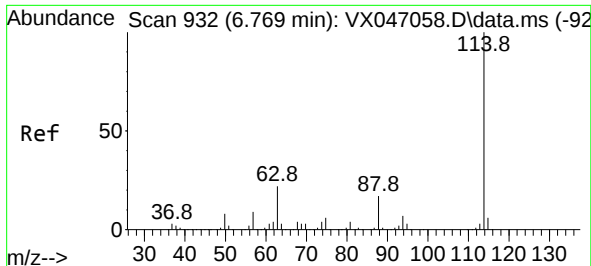
Tgt Ion:168 Resp: 462869
Ion Ratio Lower Upper
168 100
99 60.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 55.062 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion: 65 Resp: 317480
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

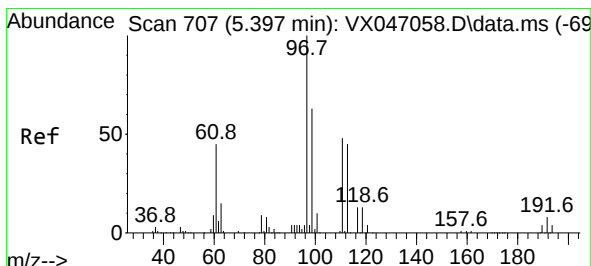
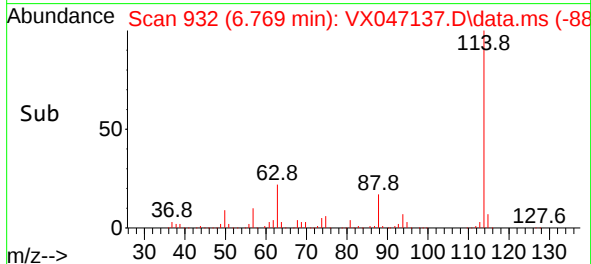
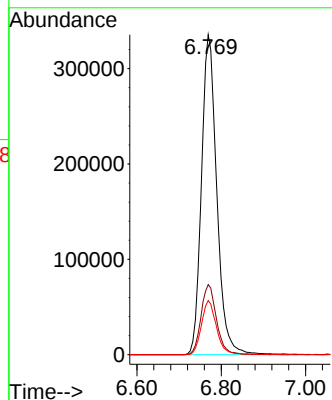
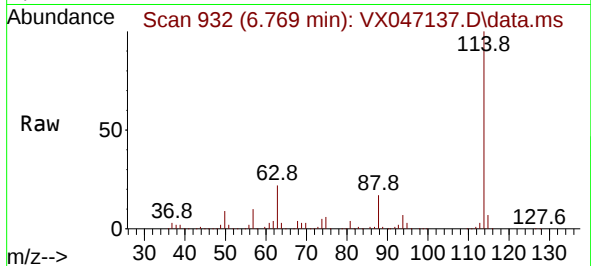




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 913
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

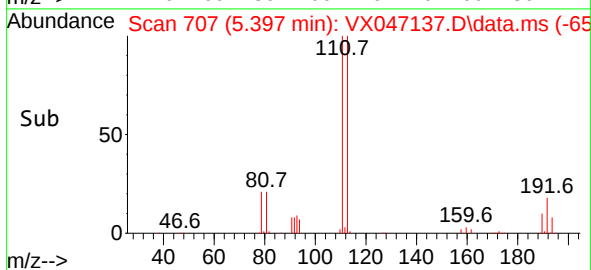
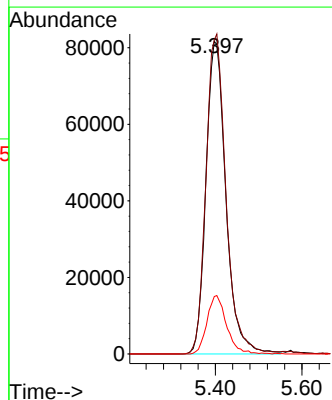
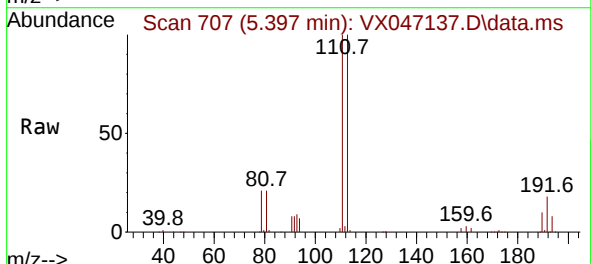
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

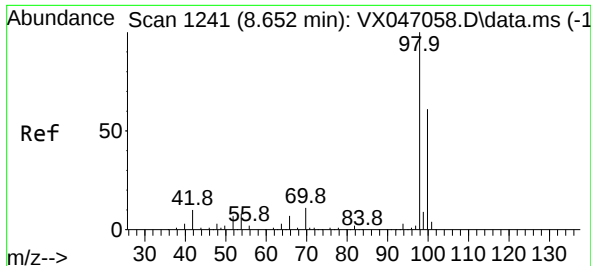
Tgt Ion:114 Resp: 849197
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.805 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion:113 Resp: 261141
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.2 14.9 22.3

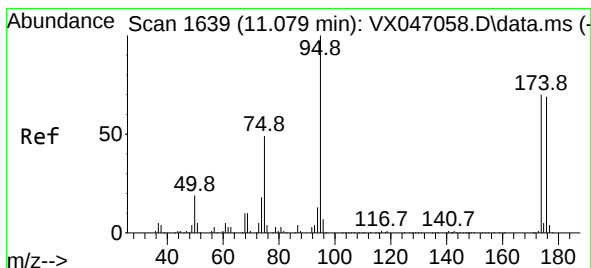
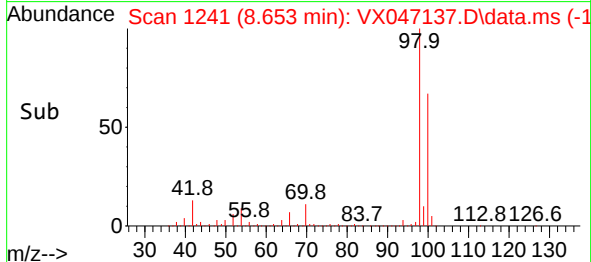
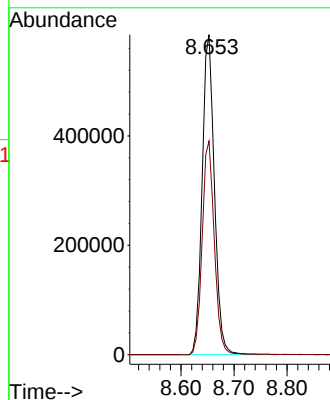
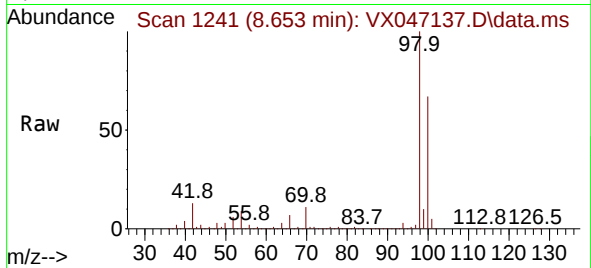




#50
Toluene-d8
Concen: 55.251 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

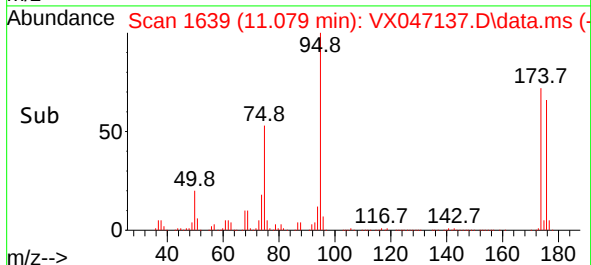
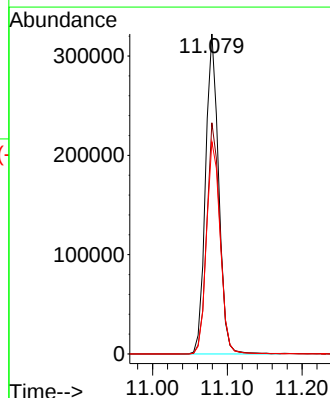
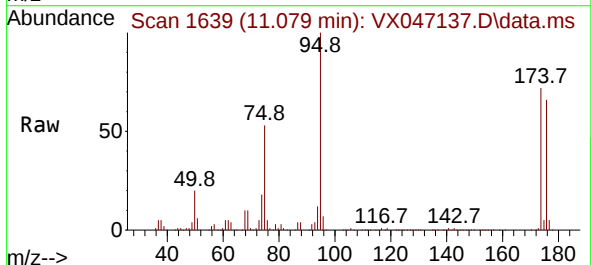
Instrument :
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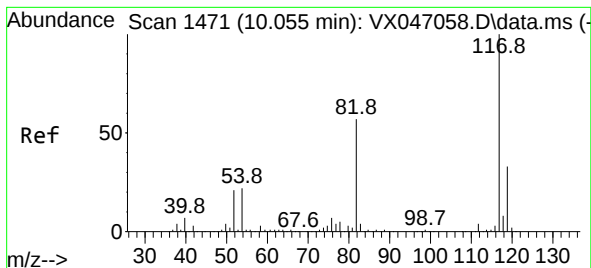
Tgt Ion: 98 Resp: 938167
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion: 95 Resp: 393455
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 69.4 0.0 139.6

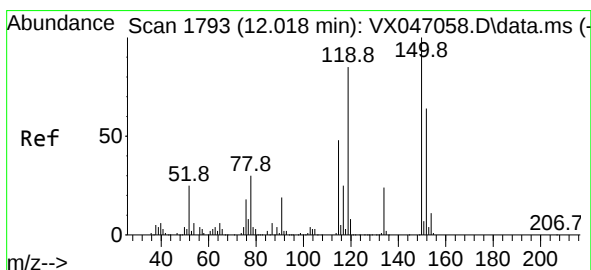
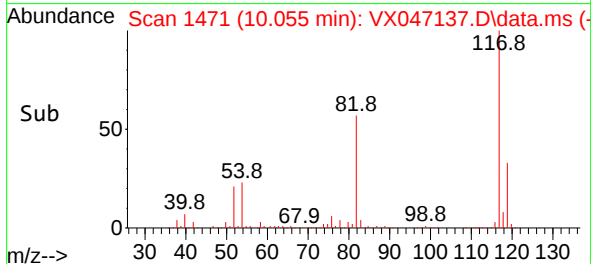
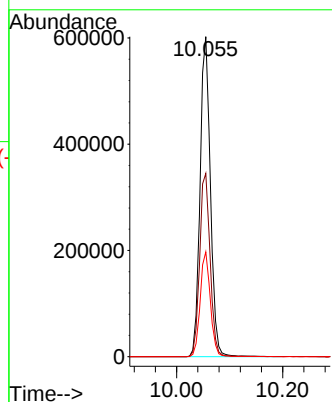
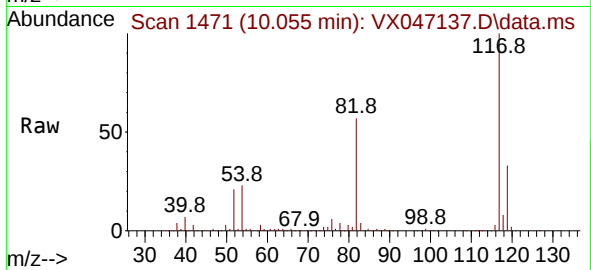




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 815883
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion:152 Resp: 417184
Ion Ratio Lower Upper
152 100
115 62.3 45.6 136.7
150 158.5 0.0 354.6

