

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047160.D
 Acq On : 28 Jul 2025 13:16
 Operator : JC/MD
 Sample : Q2693-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 29 02:15:43 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	5.556	168	312397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	478257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179721	46.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.391	113	151842	46.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	8.647	98	464483	43.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.500%#
62) 4-Bromofluorobenzene	11.079	95	218448	47.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.500%

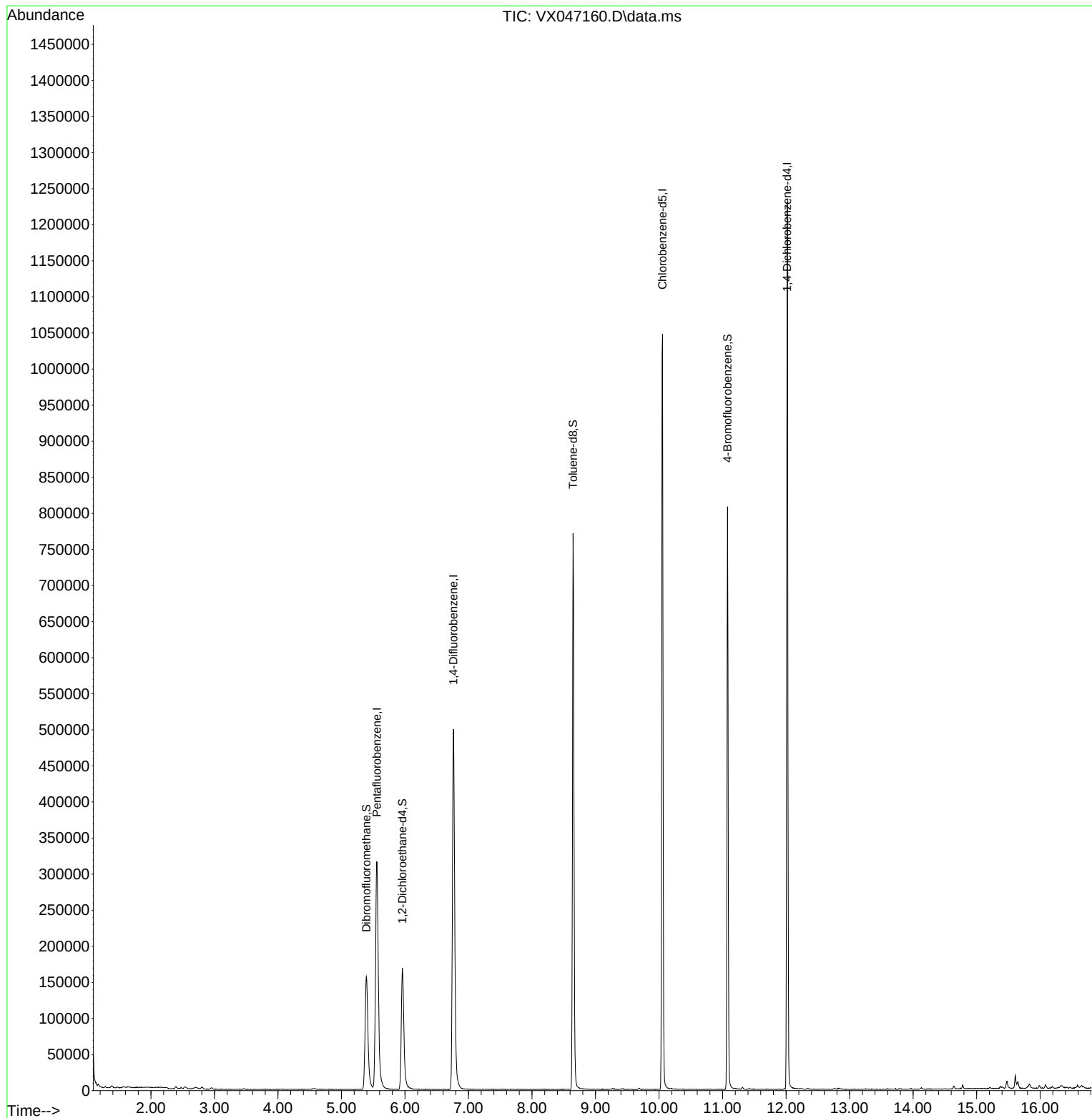
Target Compounds Qvalue

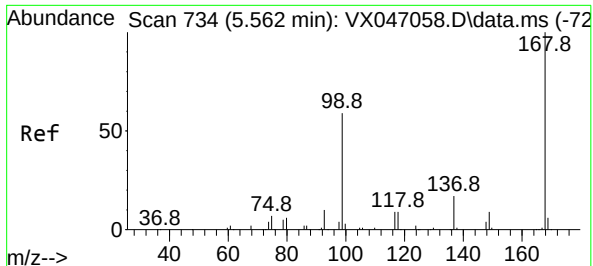
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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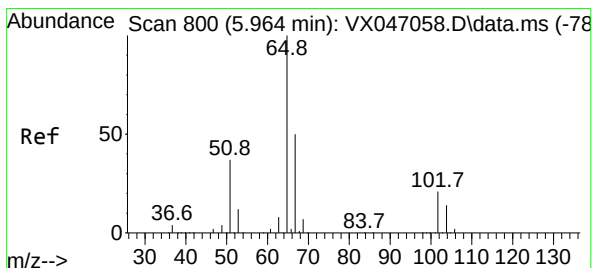
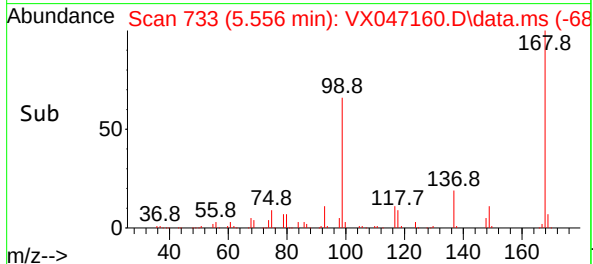
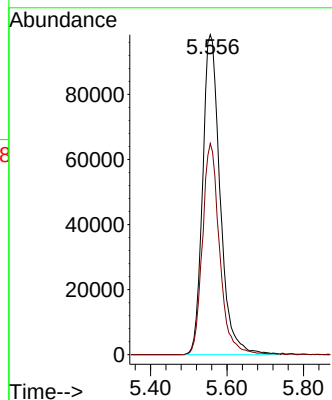
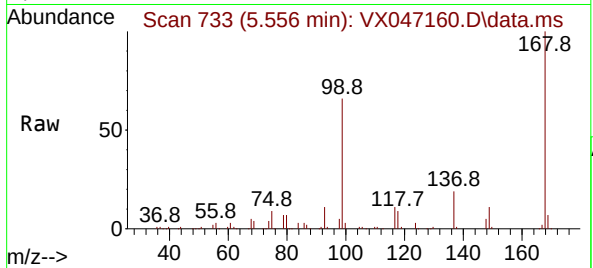




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

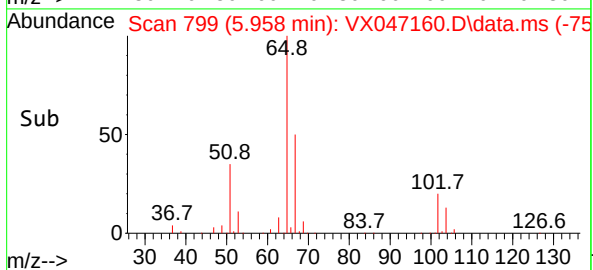
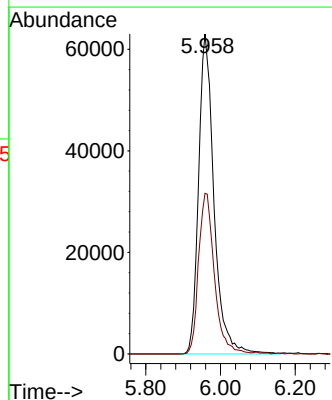
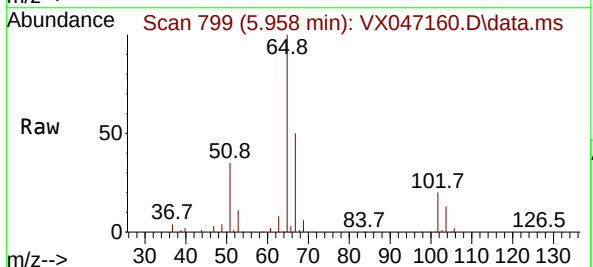
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

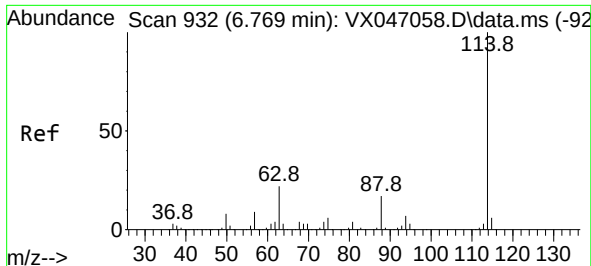
Tgt Ion:168 Resp: 312397
Ion Ratio Lower Upper
168 100
99 66.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 46.183 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 65 Resp: 179721
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

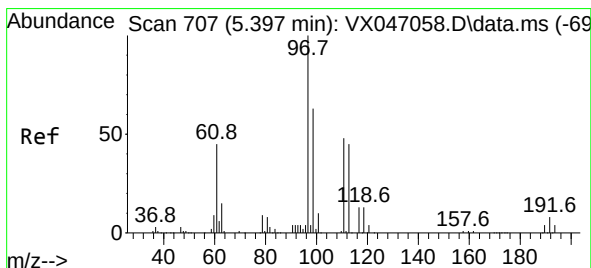
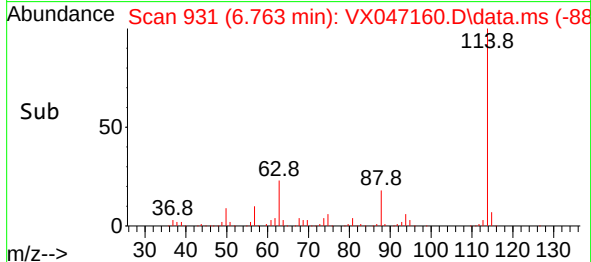
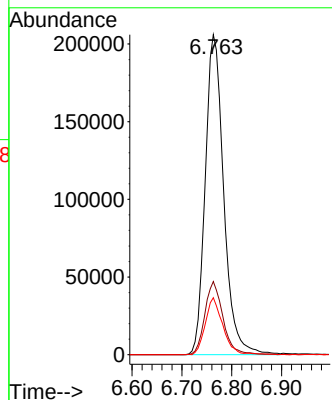
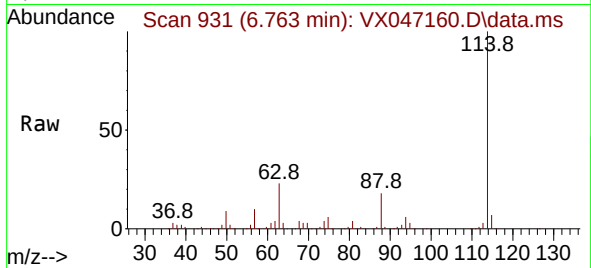




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

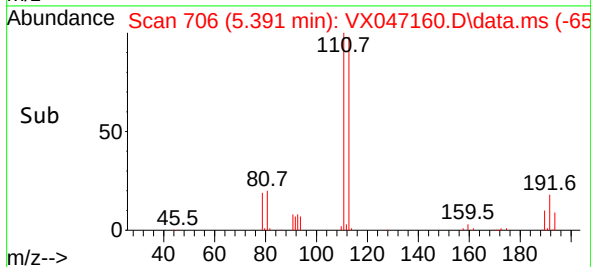
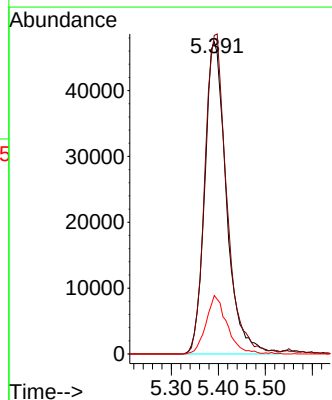
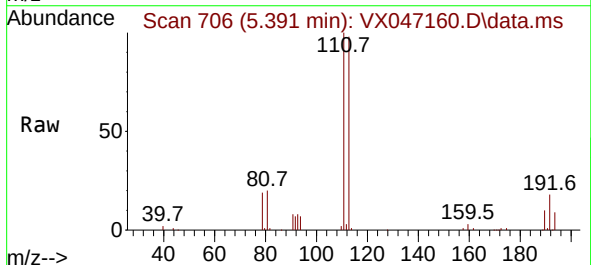
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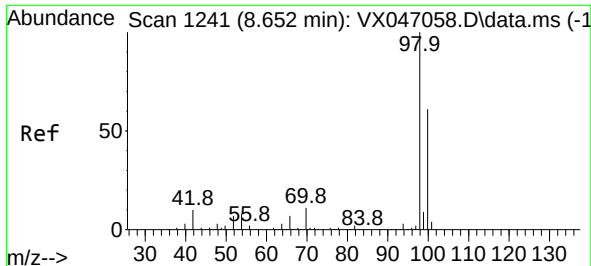
Tgt Ion:114 Resp: 530955
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.2
88 17.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.317 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion:113 Resp: 151842
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.1 14.9 22.3

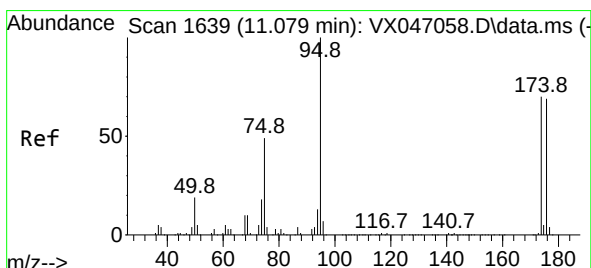
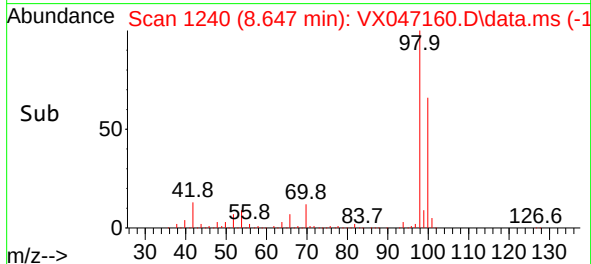
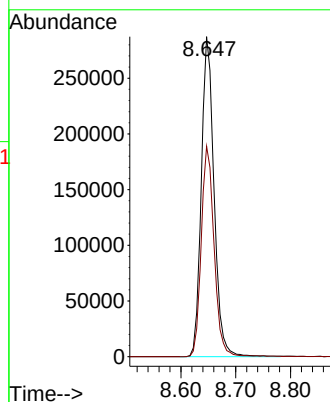
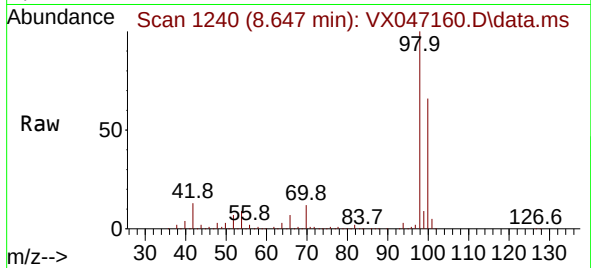




#50
Toluene-d8
Concen: 43.750 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

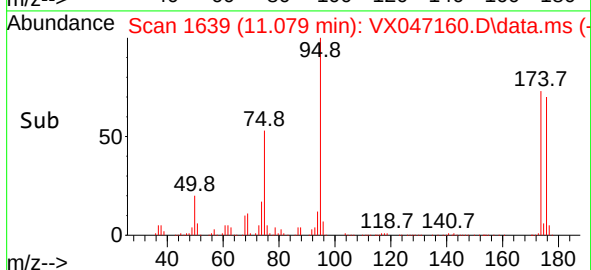
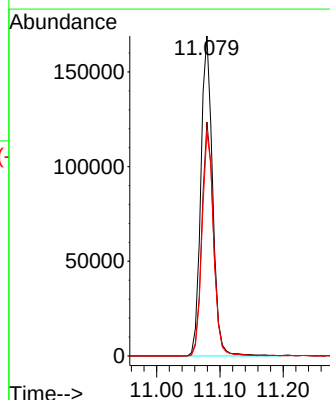
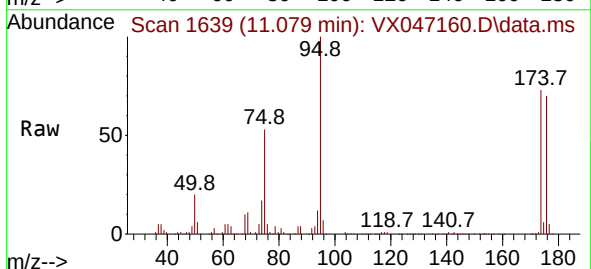
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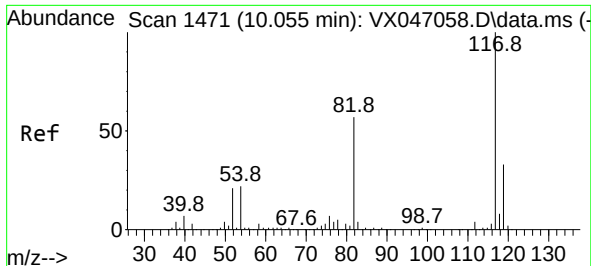
Tgt Ion: 98 Resp: 464483
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion: 95 Resp: 218448
Ion Ratio Lower Upper
95 100
174 72.0 0.0 144.6
176 69.2 0.0 139.6

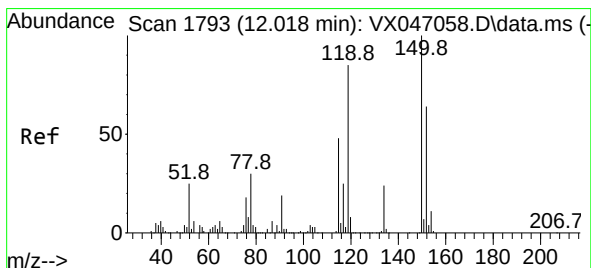
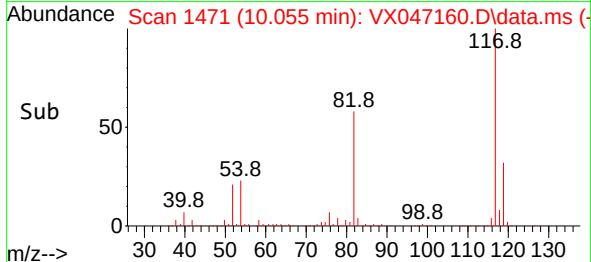
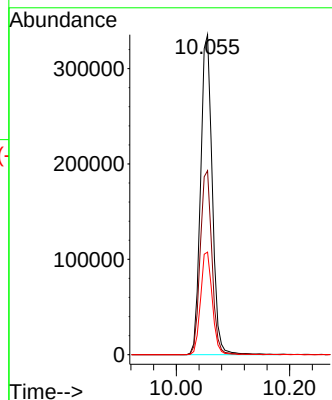
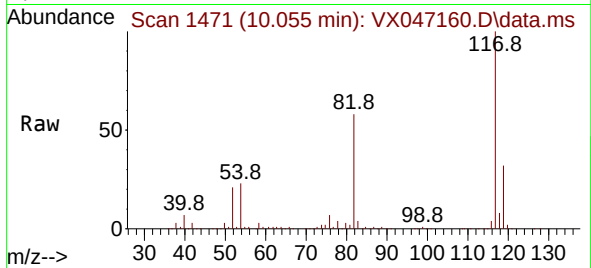




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047160.D
Acq: 28 Jul 2025 13:16

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 478257
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 32.0 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: VX047160.D
Acq: 28 Jul 2025 13:16

Tgt Ion:152 Resp: 245775
Ion Ratio Lower Upper
152 100
115 62.2 45.6 136.7
150 156.7 0.0 354.6

