

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047280.D
 Acq On : 08 Aug 2025 18:18
 Operator : JC/MD
 Sample : Q2812-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 11 02:06:26 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	5.562	168	234968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	404221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143843	49.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.280%
35) Dibromofluoromethane	5.397	113	124685	49.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.653	98	362389	44.836	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.680%#
62) 4-Bromofluorobenzene	11.079	95	176359	50.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.260%

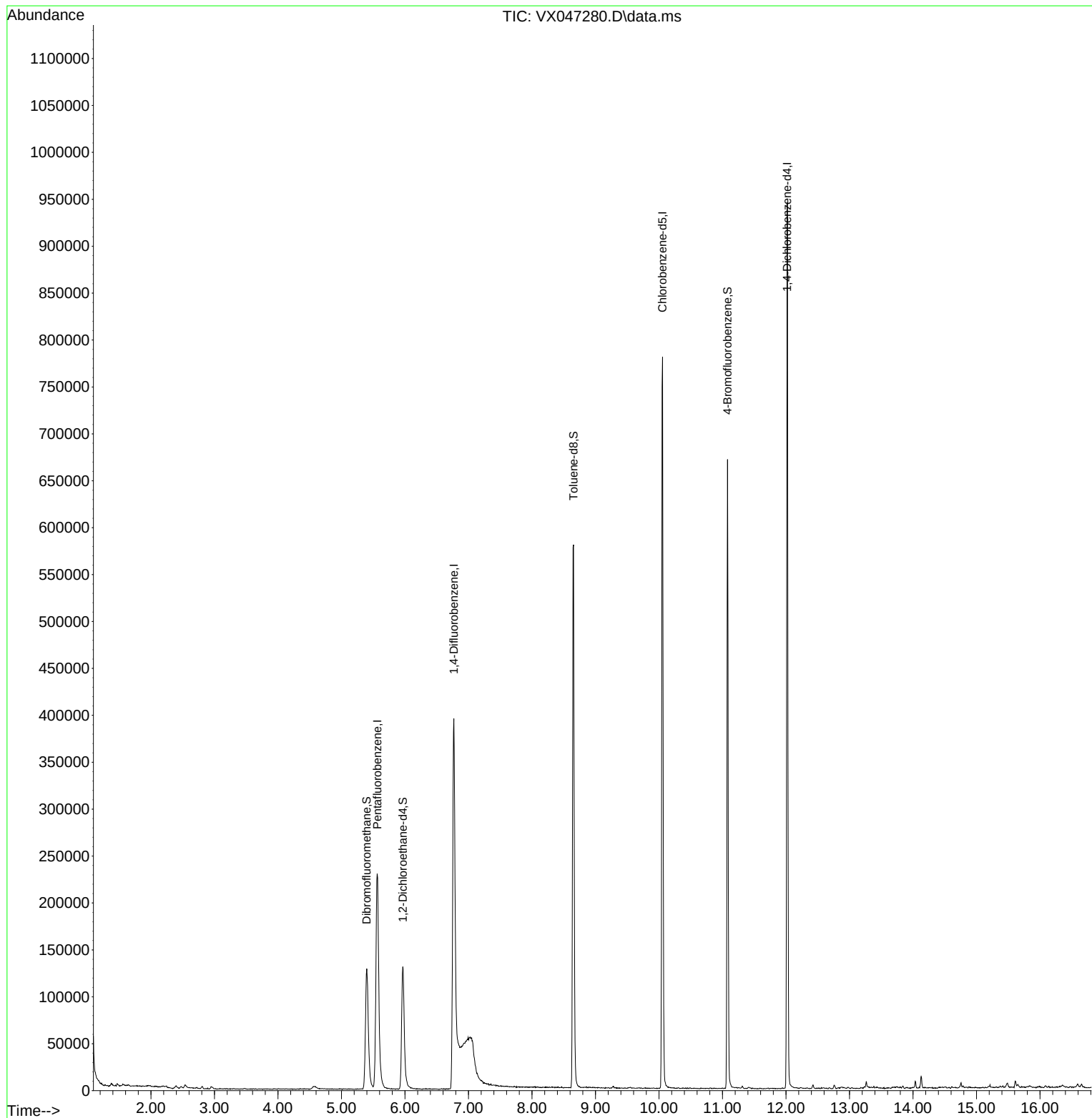
Target Compounds	Qvalue

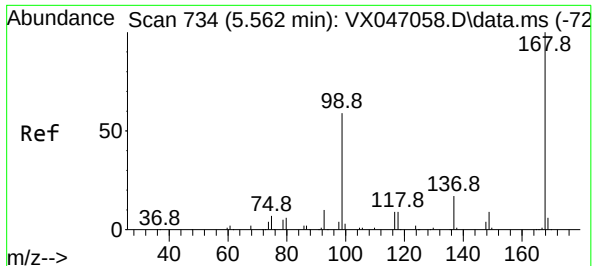
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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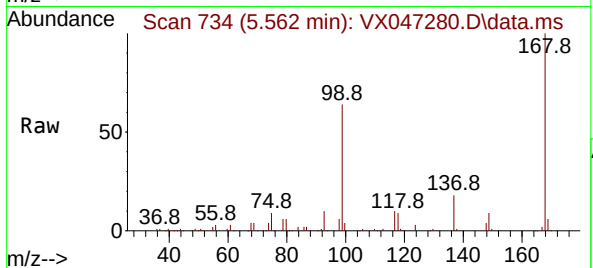
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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



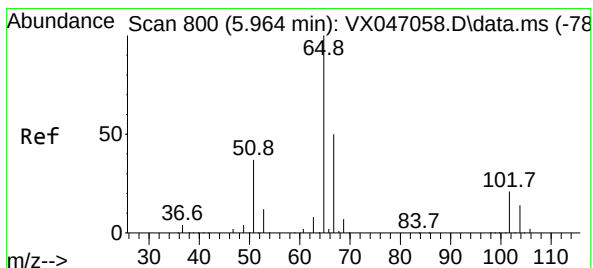
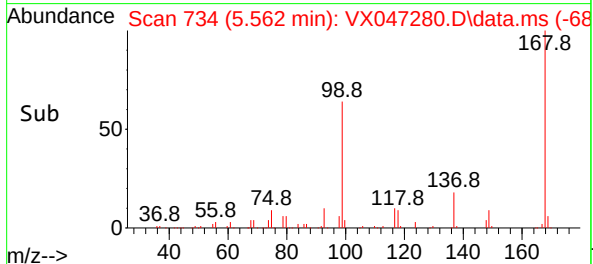
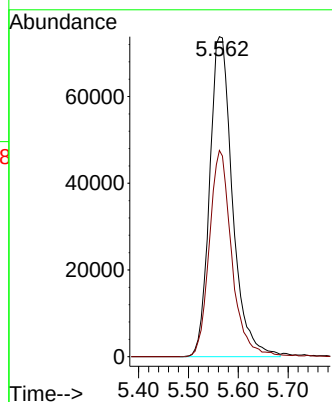


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

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

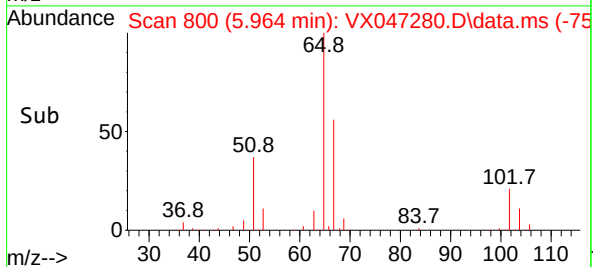
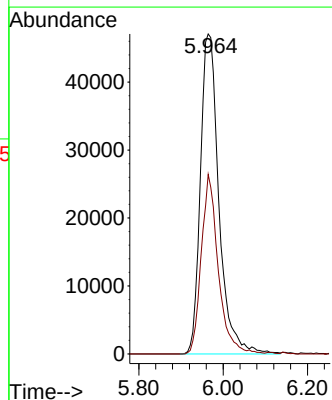
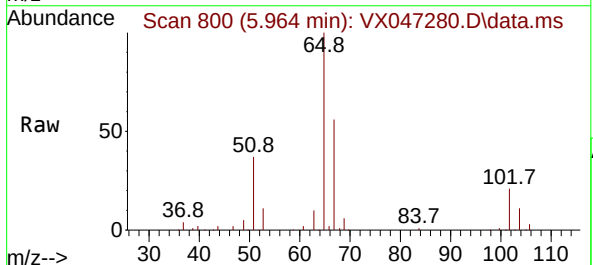


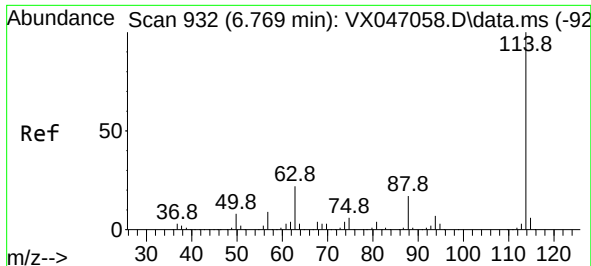
Tgt Ion:168 Resp: 234968
Ion Ratio Lower Upper
168 100
99 64.5 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 49.144 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

Tgt Ion: 65 Resp: 143843
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

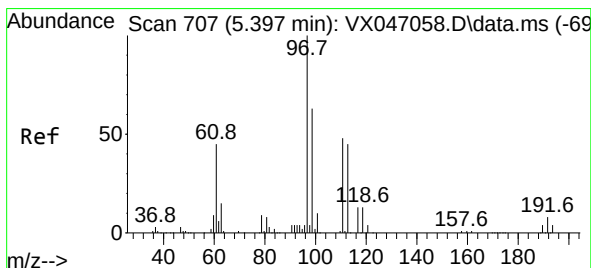
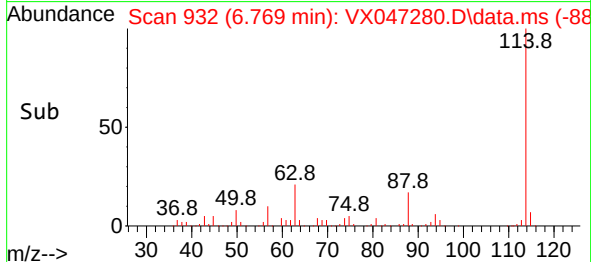
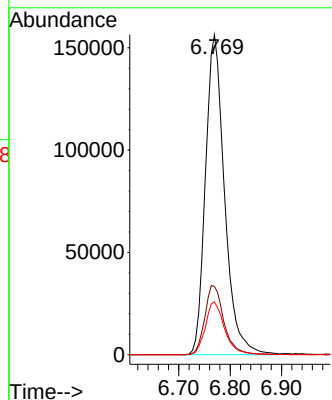
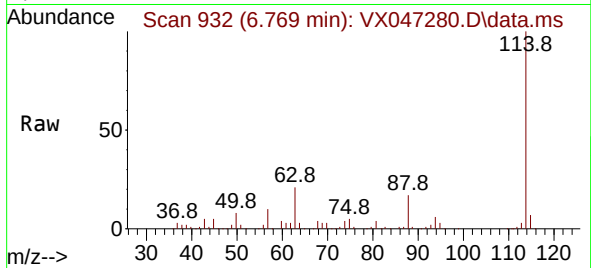




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047280.D
 Acq: 08 Aug 2025 18:18

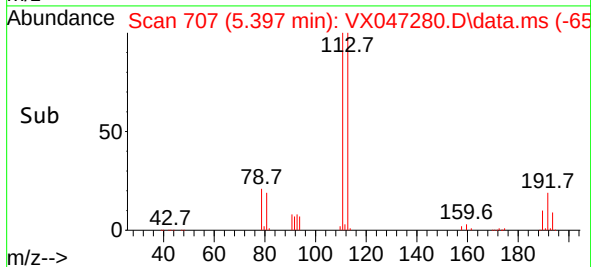
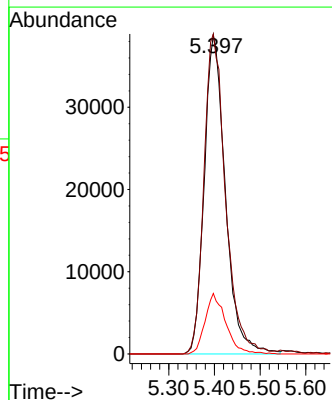
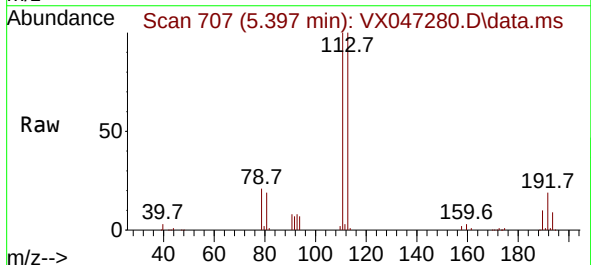
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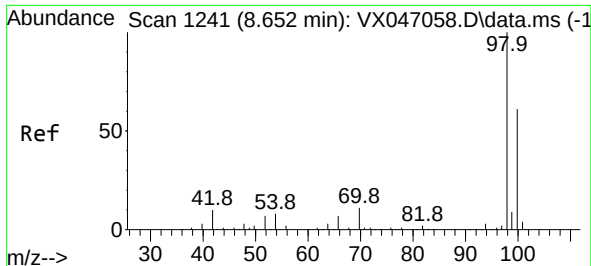
Tgt Ion:114 Resp: 404221
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.5 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.958 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047280.D
 Acq: 08 Aug 2025 18:18

Tgt Ion:113 Resp: 124685
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 124.0
 192 18.6 14.9 22.3

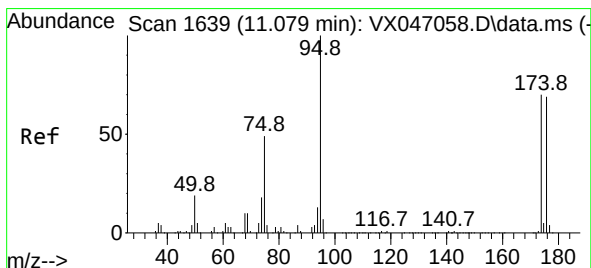
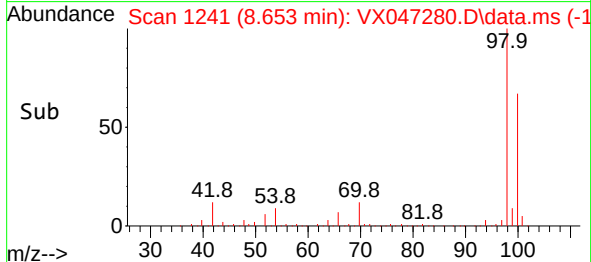
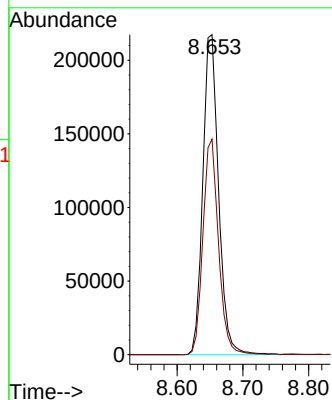
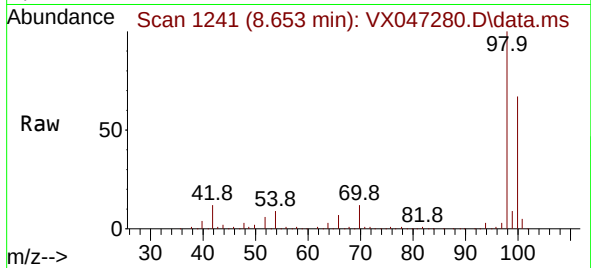




#50
Toluene-d8
Concen: 44.836 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

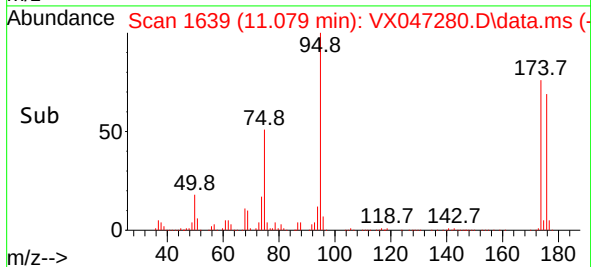
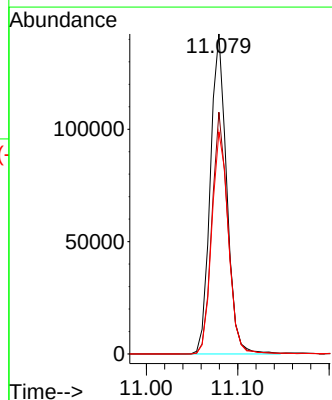
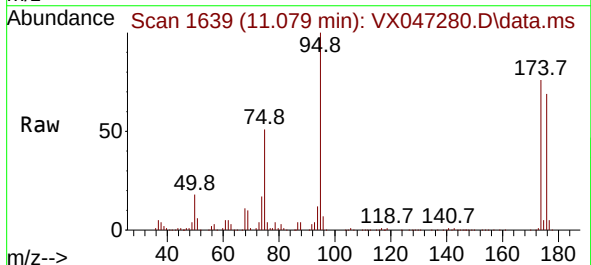
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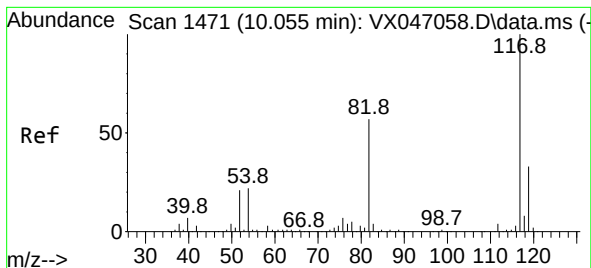
Tgt Ion: 98 Resp: 362389
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

Tgt Ion: 95 Resp: 176359
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.6
176 70.9 0.0 139.6

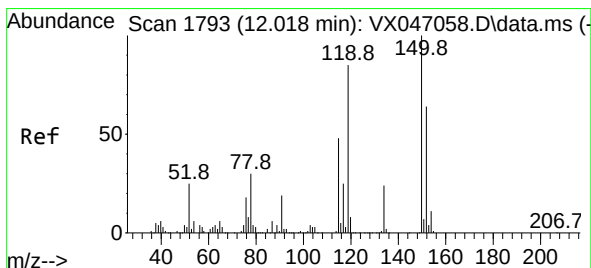
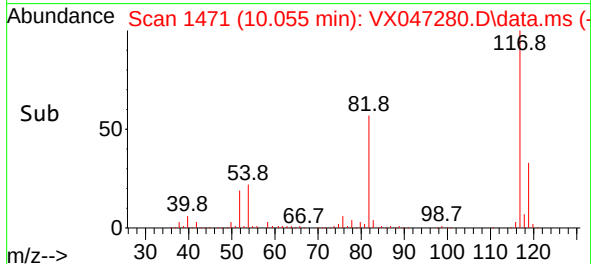
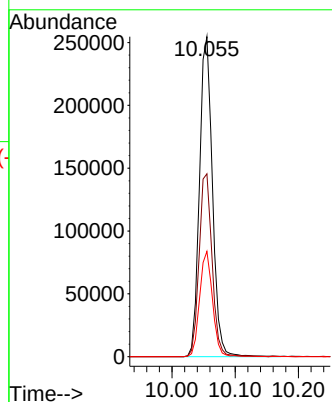
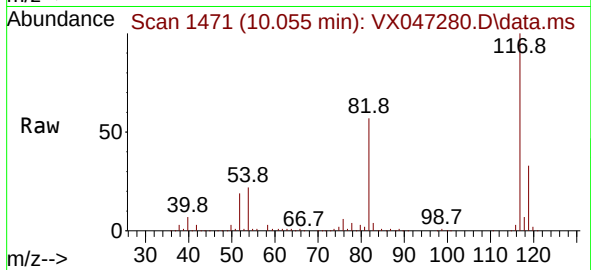




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047280.D
Acq: 08 Aug 2025 18:18

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

Tgt Ion:117 Resp: 363761
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.9 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: VX047280.D
Acq: 08 Aug 2025 18:18

Tgt Ion:152 Resp: 187713
Ion Ratio Lower Upper
152 100
115 61.9 45.6 136.7
150 157.3 0.0 354.6

