

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047211.D
 Acq On : 01 Aug 2025 17:04
 Operator : JC/MD
 Sample : Q2744-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 02 00:28:16 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	289476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	495196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	225621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	193511	53.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.320%
35) Dibromofluoromethane	5.397	113	165144	54.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.020%
50) Toluene-d8	8.653	98	491395	49.628	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.079	95	229970	53.894	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.780%

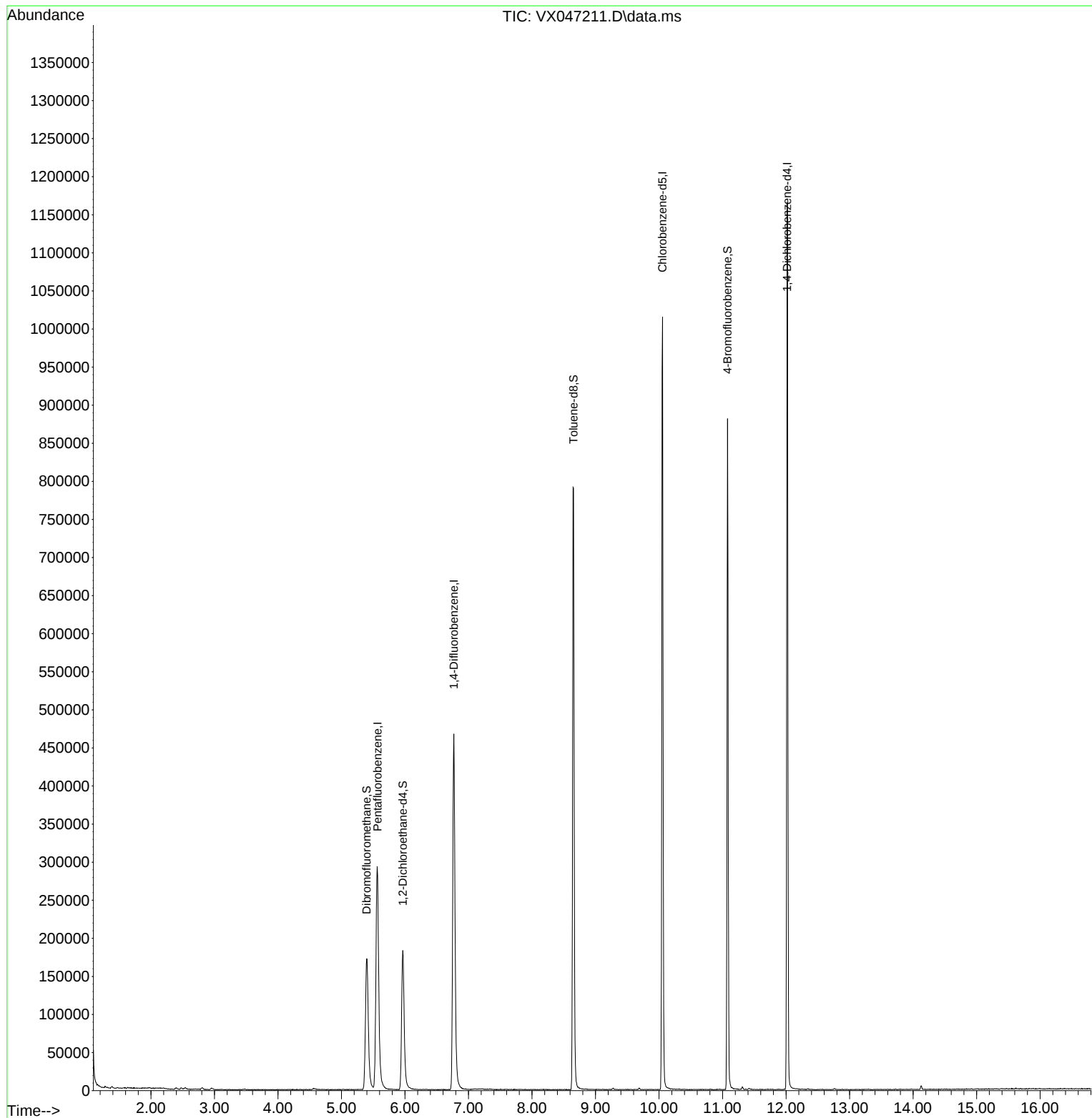
Target Compounds	Qvalue

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

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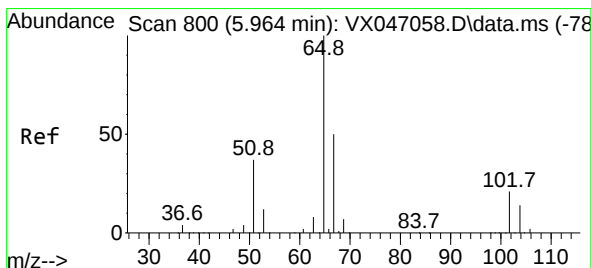
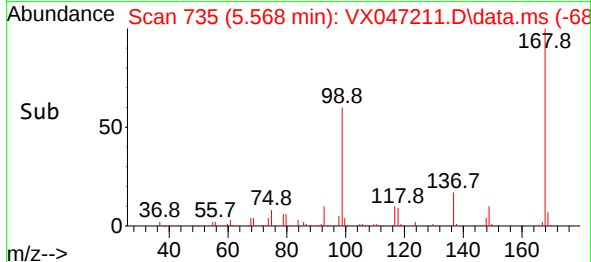
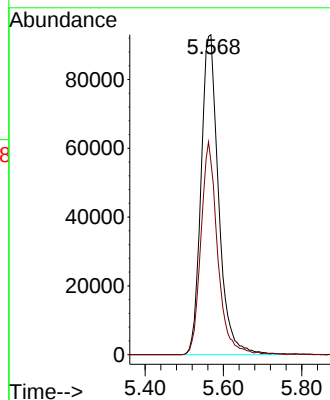
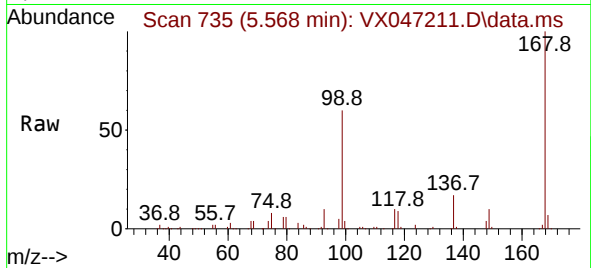




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

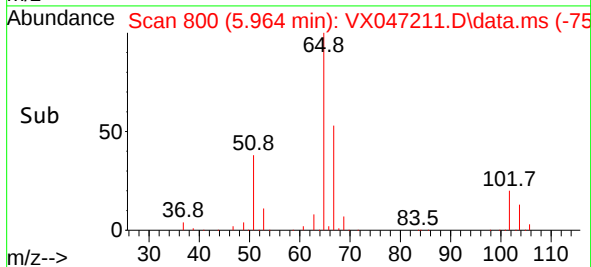
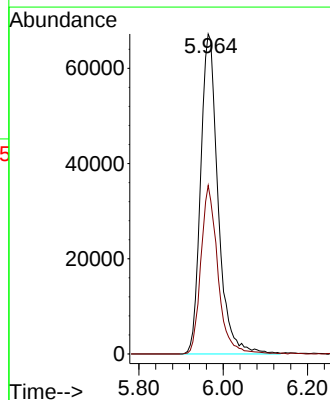
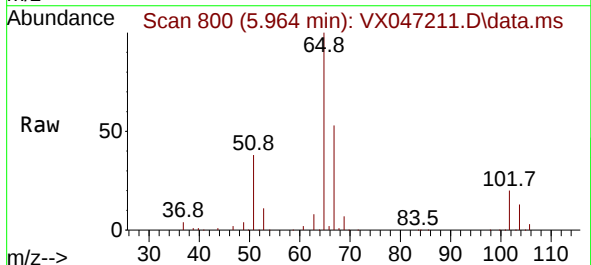
Instrument :
MSVOA_X
ClientSampleId :
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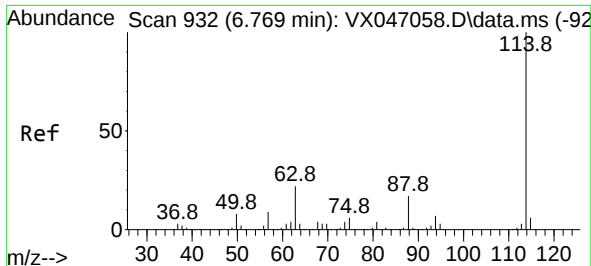
Tgt Ion:168 Resp: 289476
Ion Ratio Lower Upper
168 100
99 60.3 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 53.664 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion: 65 Resp: 193511
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

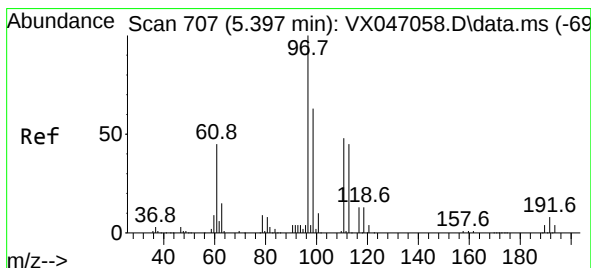
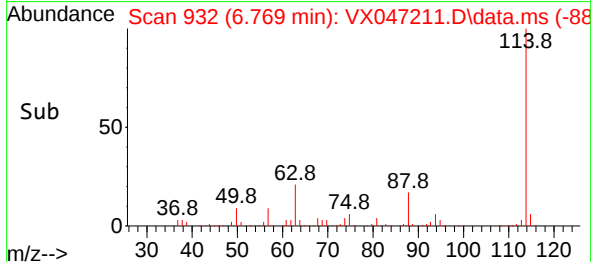
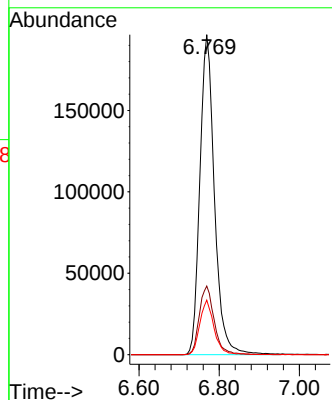
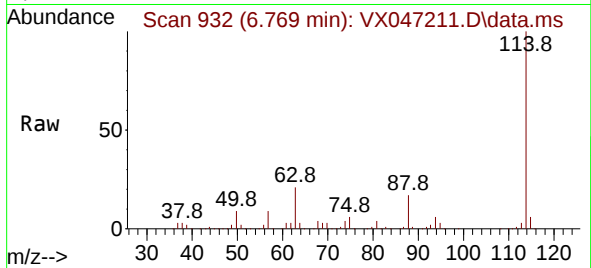




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

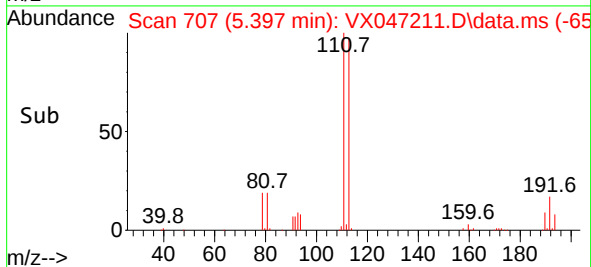
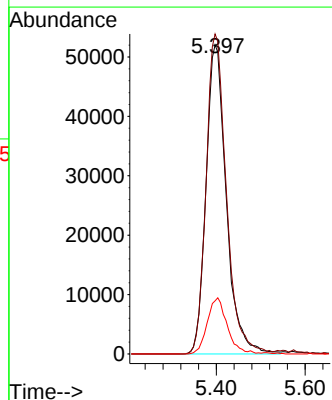
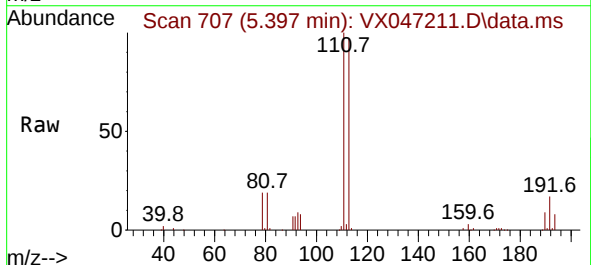
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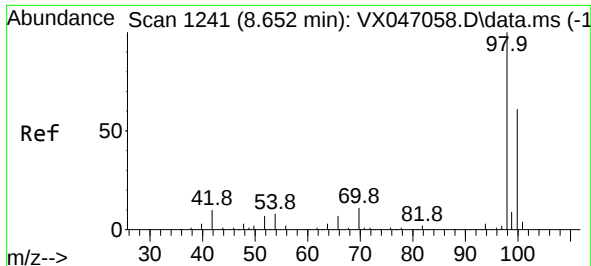
Tgt Ion:114 Resp: 495196
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 54.013 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion:113 Resp: 165144
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.9 14.9 22.3

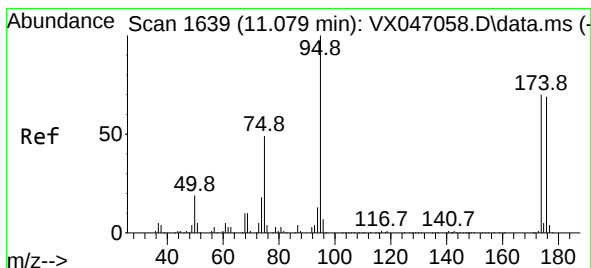
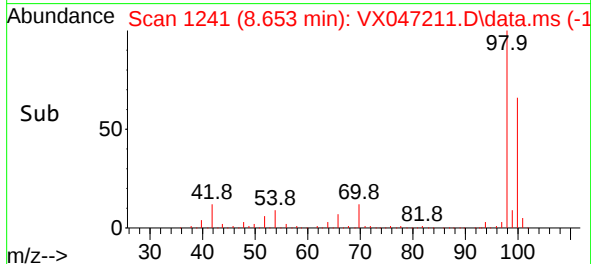
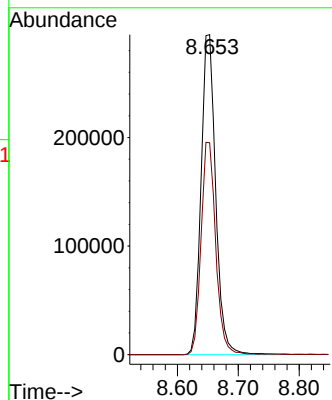
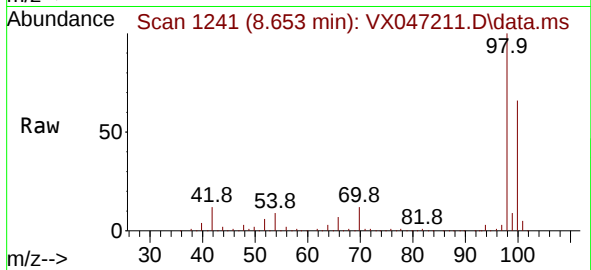




#50
Toluene-d8
Concen: 49.628 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

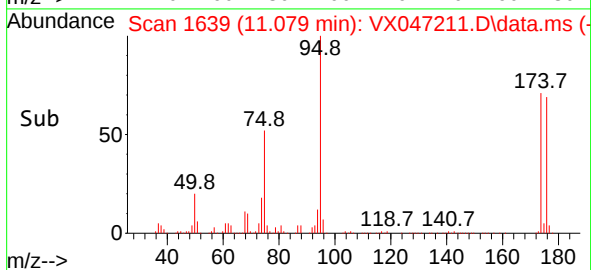
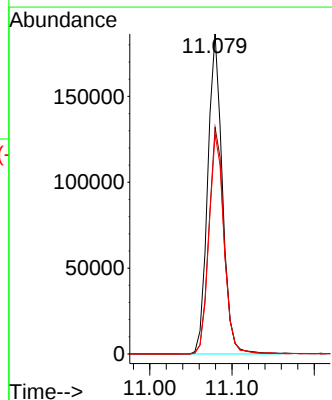
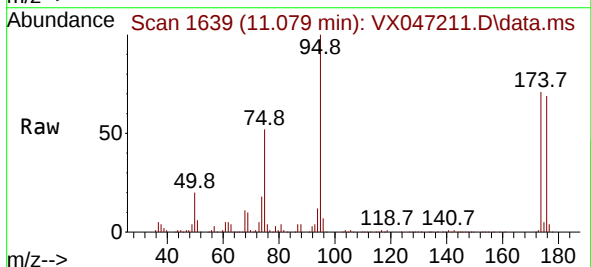
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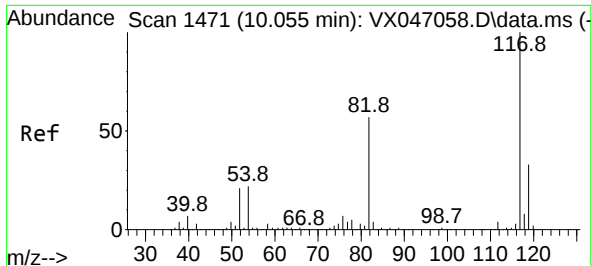
Tgt Ion: 98 Resp: 491395
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion: 95 Resp: 229970
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 70.7 0.0 139.6

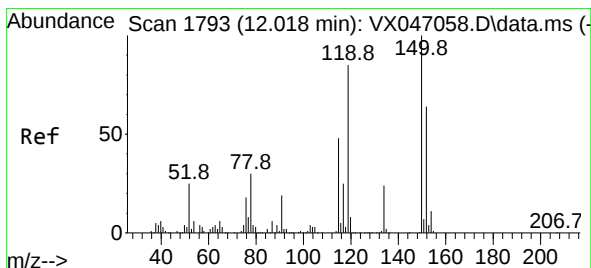
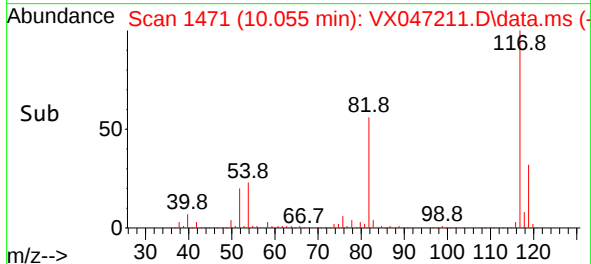
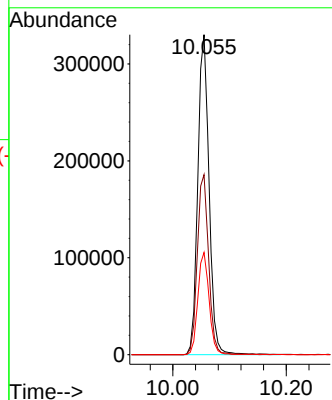
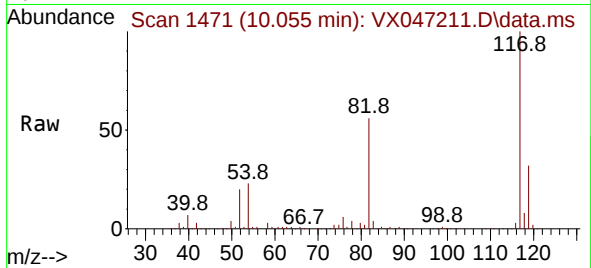




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047211.D
Acq: 01 Aug 2025 17:04

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 453951
Ion Ratio Lower Upper
117 100
82 56.3 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: VX047211.D
Acq: 01 Aug 2025 17:04

Tgt Ion:152 Resp: 225621
Ion Ratio Lower Upper
152 100
115 63.5 45.6 136.7
150 158.1 0.0 354.6

