

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047208.D
 Acq On : 01 Aug 2025 16:02
 Operator : JC/MD
 Sample : Q2744-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 02 00:27:07 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	283674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	488674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	222884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	174167	49.288	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.580%
35) Dibromofluoromethane	5.397	113	151680	50.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	8.653	98	456613	46.730	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.079	95	214091	50.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.680%

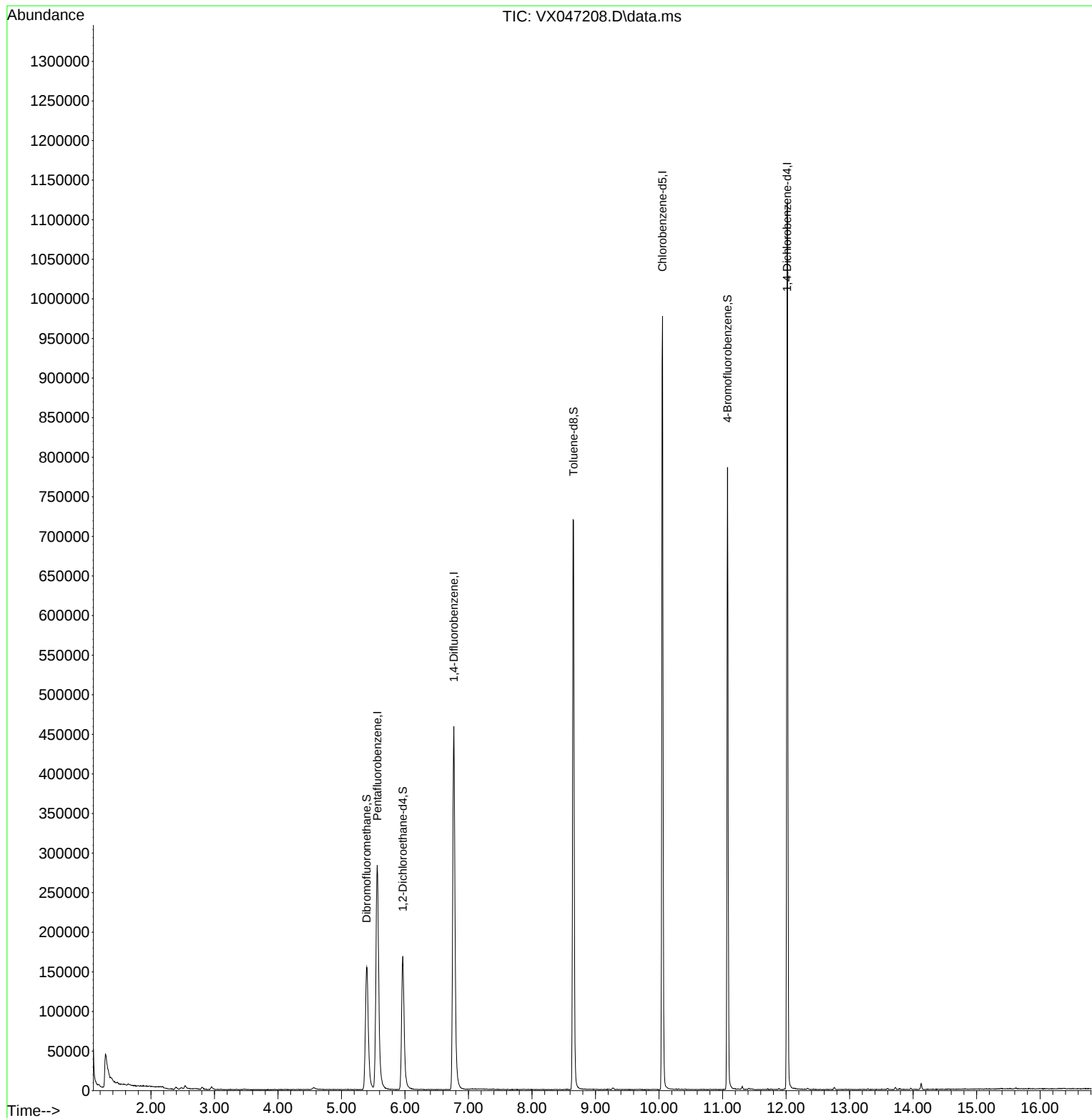
Target Compounds	Qvalue

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

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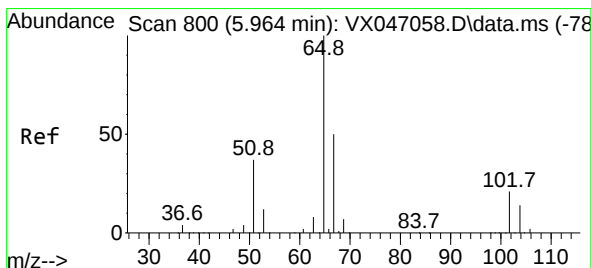
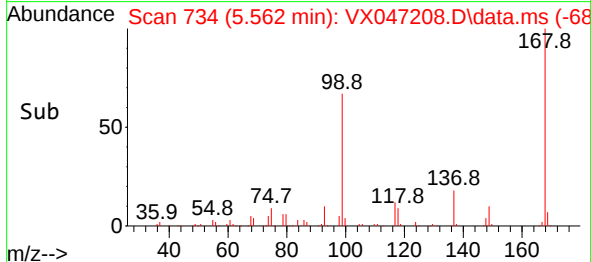
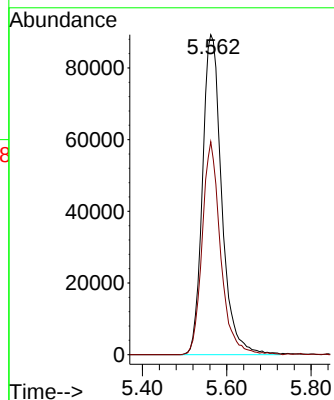
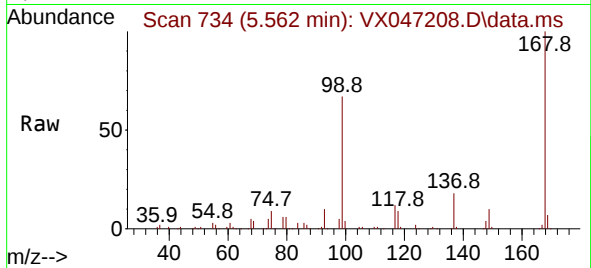




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

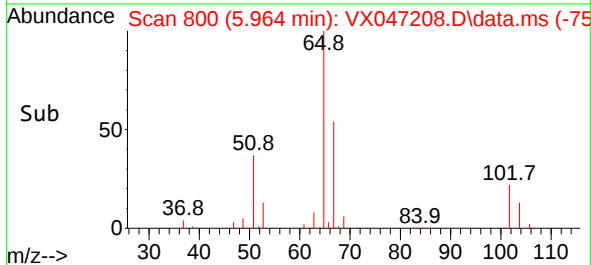
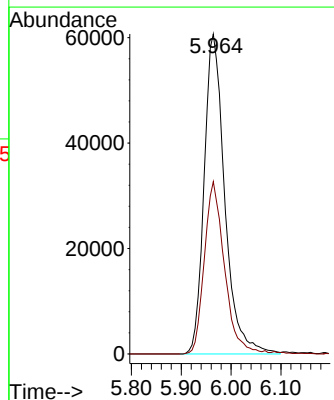
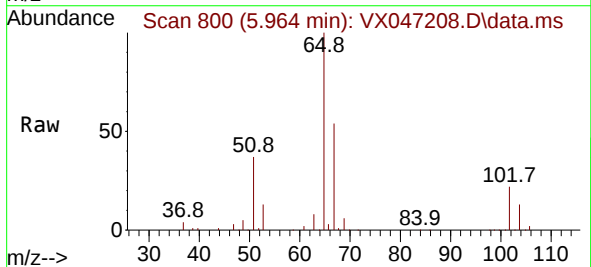
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

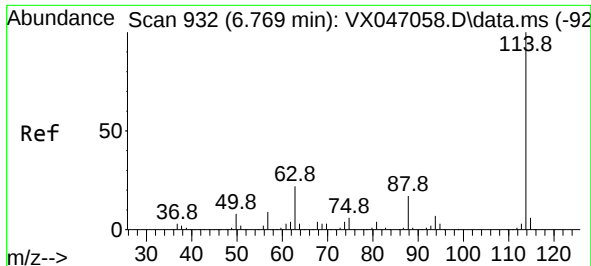
Tgt Ion:168 Resp: 283674
Ion Ratio Lower Upper
168 100
99 66.6 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 49.288 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Tgt Ion: 65 Resp: 174167
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

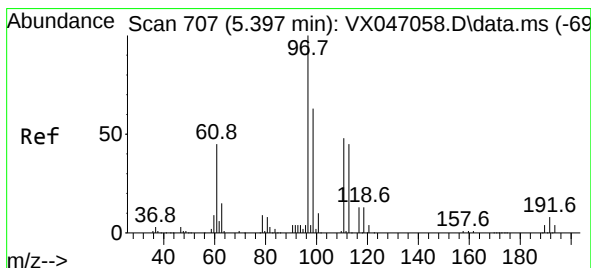
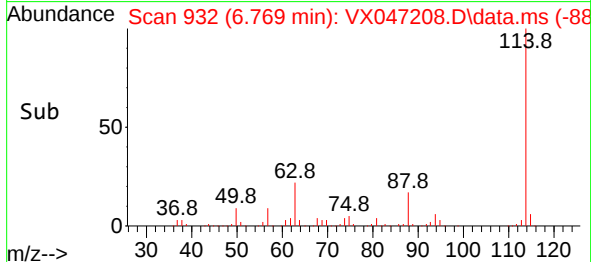
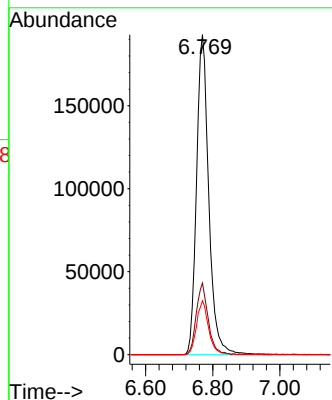
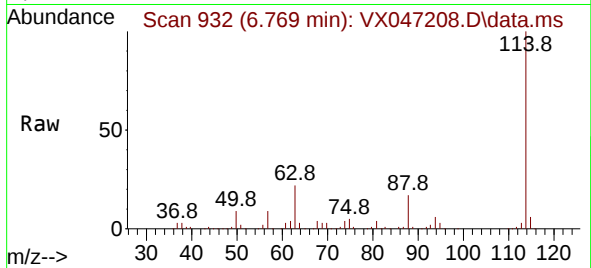




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

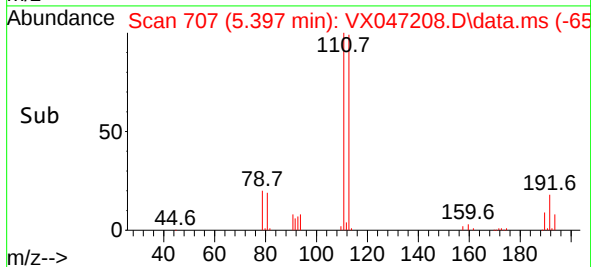
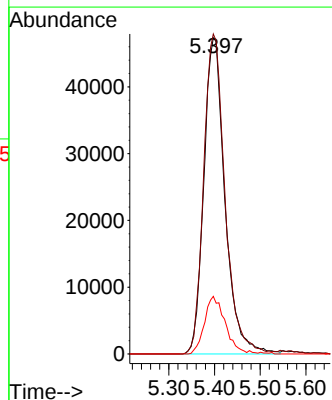
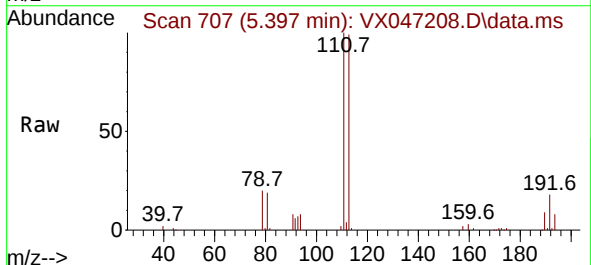
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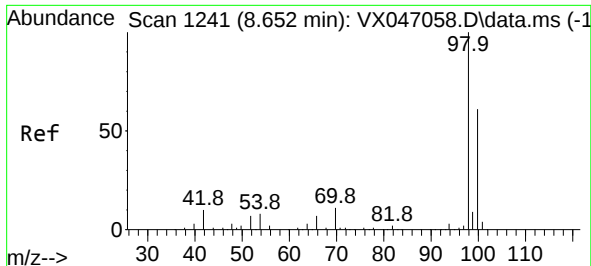
Tgt Ion:114 Resp: 488674
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.271 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

Tgt Ion:113 Resp: 151680
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.8 14.9 22.3





#50

Toluene-d8

Concen: 46.730 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047208.D

Acq: 01 Aug 2025 16:02

Instrument :

MSVOA_X

ClientSampleId :

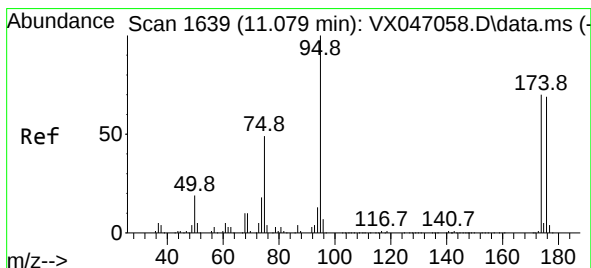
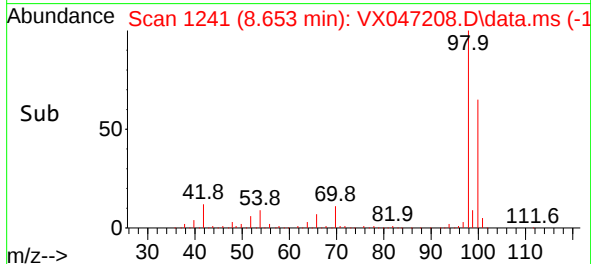
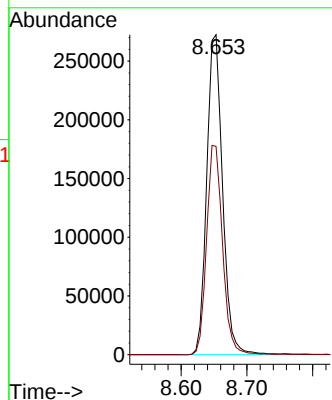
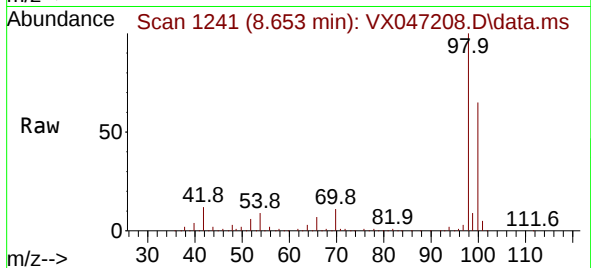
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 456613

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 50.843 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047208.D

Acq: 01 Aug 2025 16:02

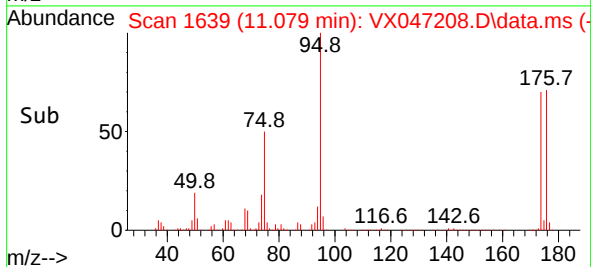
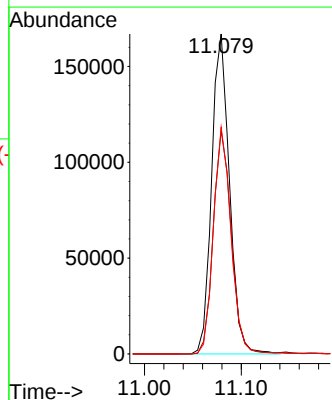
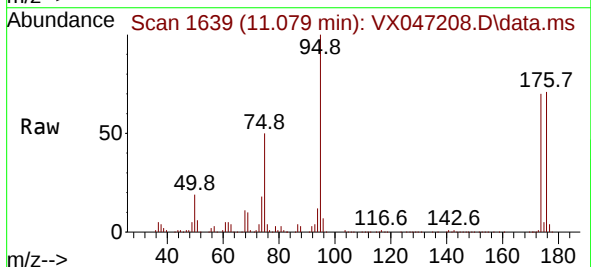
Tgt Ion: 95 Resp: 214091

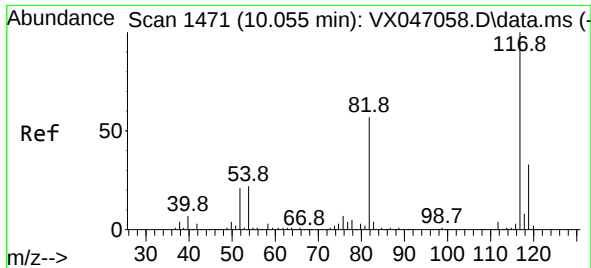
Ion Ratio Lower Upper

95 100

174 70.7 0.0 144.6

176 70.3 0.0 139.6

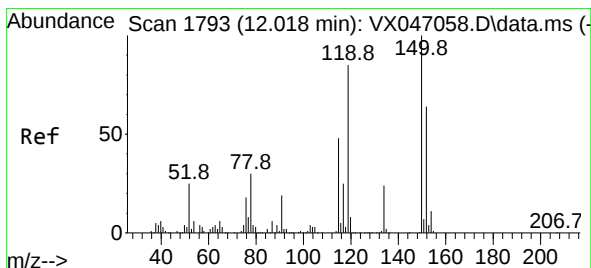
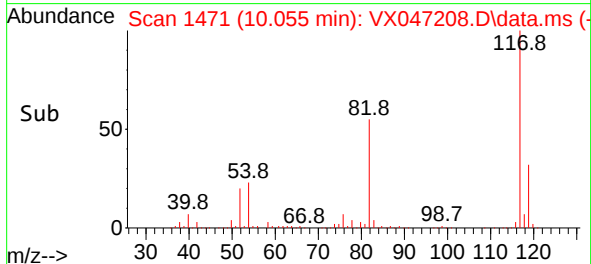
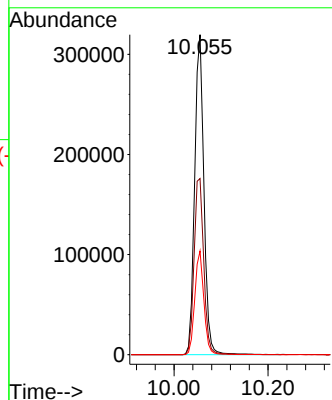
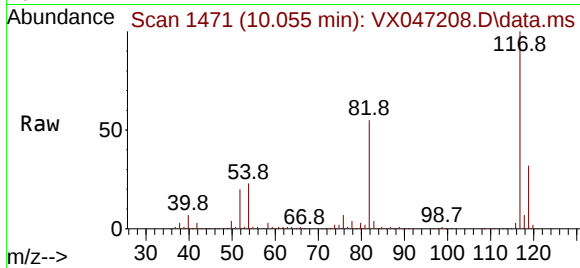




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047208.D
Acq: 01 Aug 2025 16:02

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Tgt Ion:117 Resp: 440161
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 32.4 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: VX047208.D
Acq: 01 Aug 2025 16:02

Tgt Ion:152 Resp: 222884
Ion Ratio Lower Upper
152 100
115 62.8 45.6 136.7
150 156.8 0.0 354.6

