

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047253.D
 Acq On : 07 Aug 2025 11:03
 Operator : JC/MD
 Sample : VX0807WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBL01

Quant Time: Aug 08 02:40:31 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	248214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151287	48.929	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.860%
35) Dibromofluoromethane	5.397	113	129469	49.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.653	98	378639	44.657	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.320%#
62) 4-Bromofluorobenzene	11.079	95	181050	49.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.100%

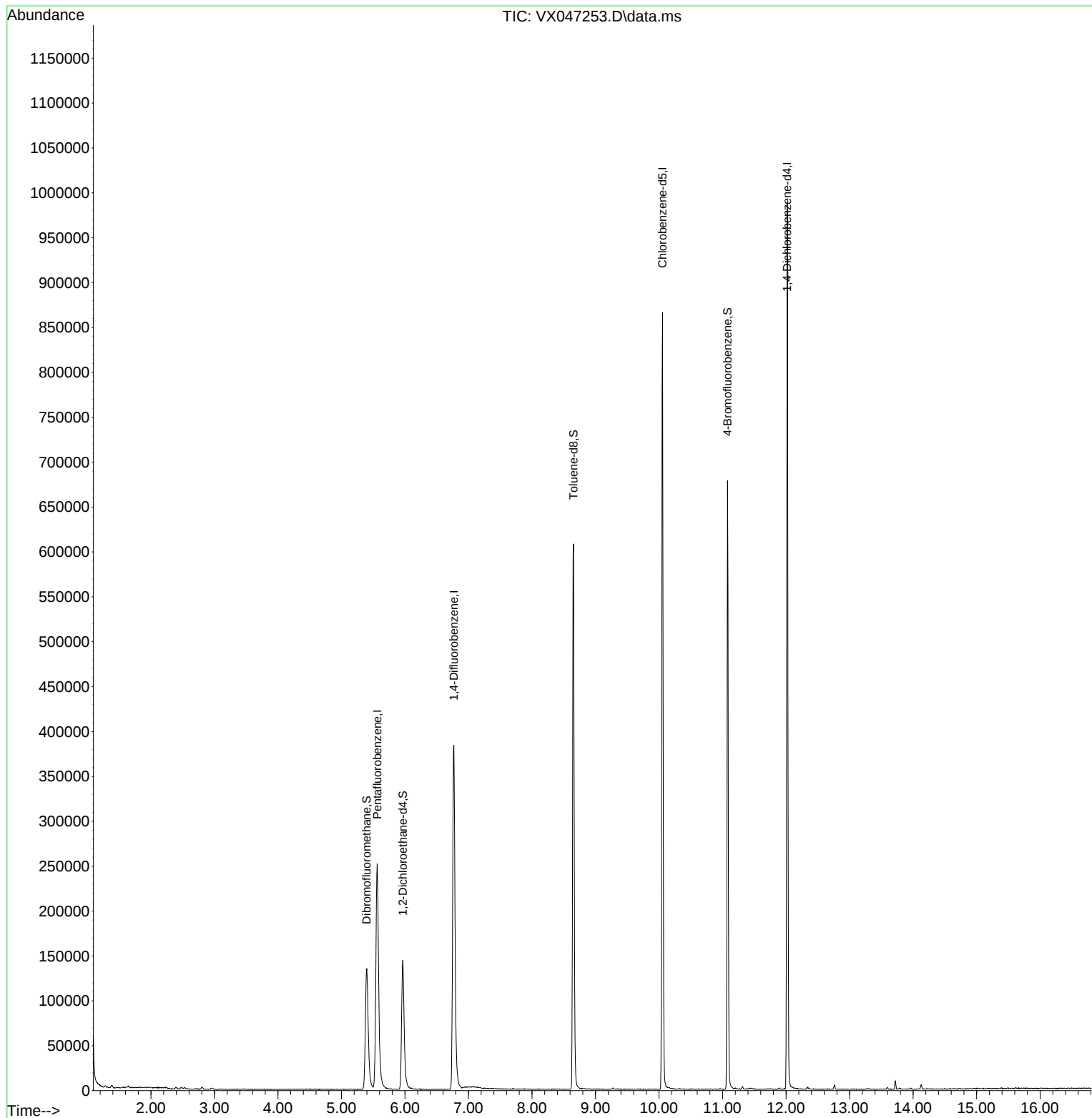
Target Compounds	Qvalue

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

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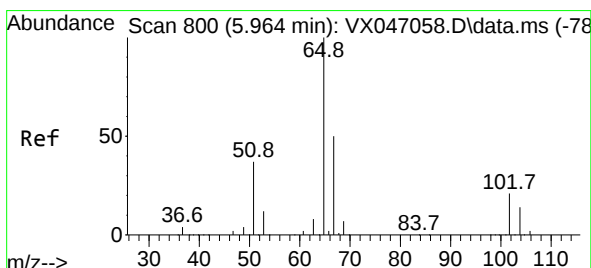
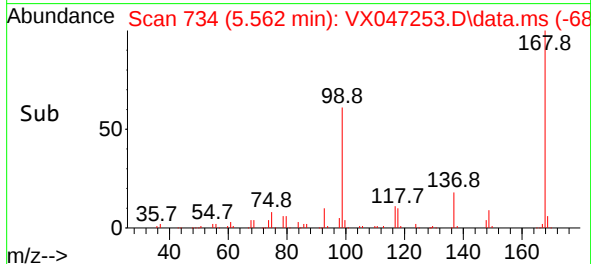
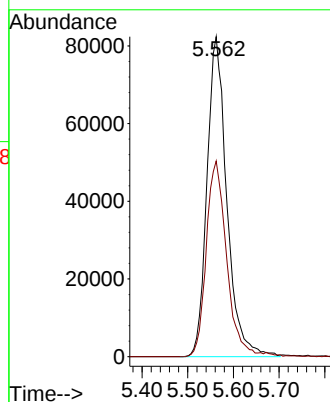
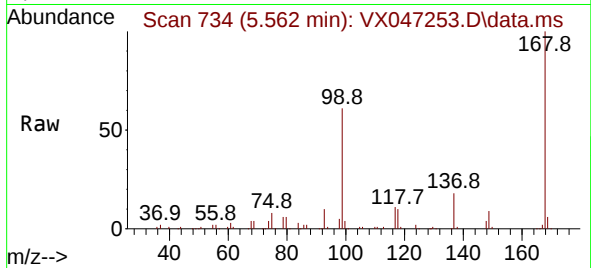




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

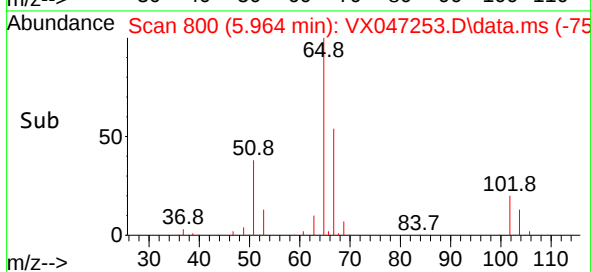
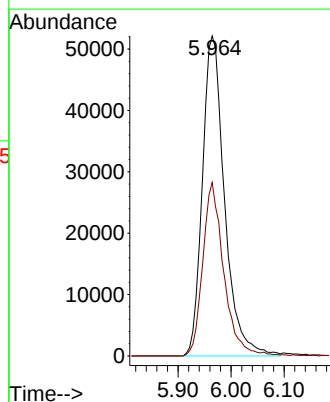
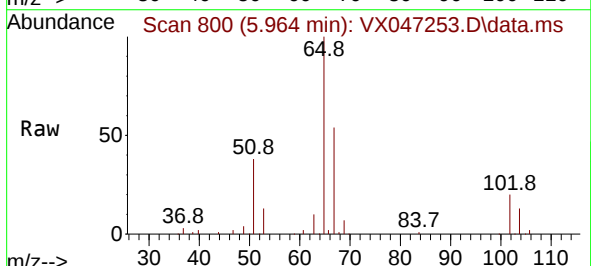
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBL01

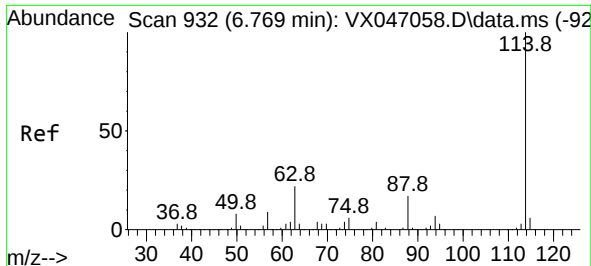
Tgt Ion:168 Resp: 248214
Ion Ratio Lower Upper
168 100
99 61.1 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion: 65 Resp: 151287
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

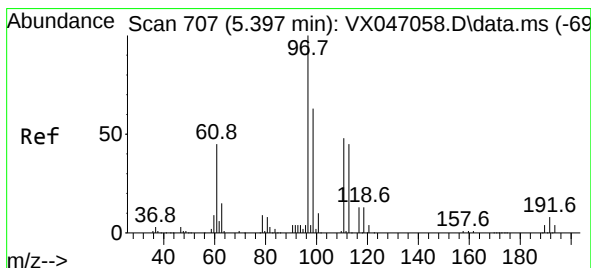
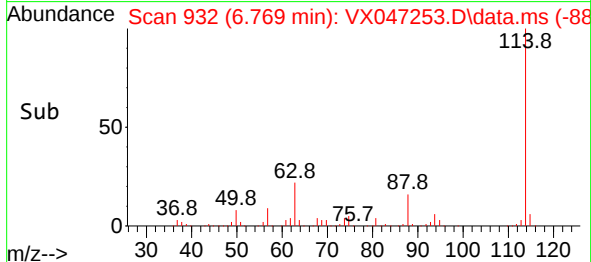
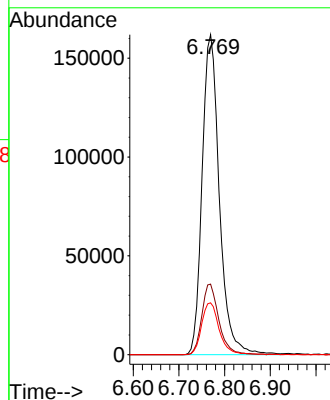
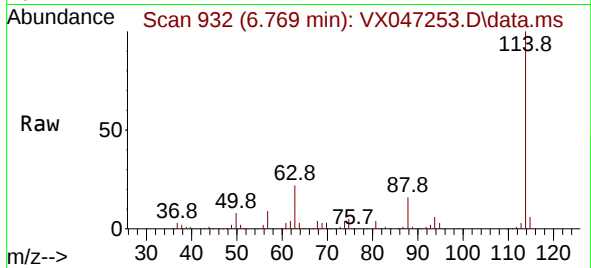




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

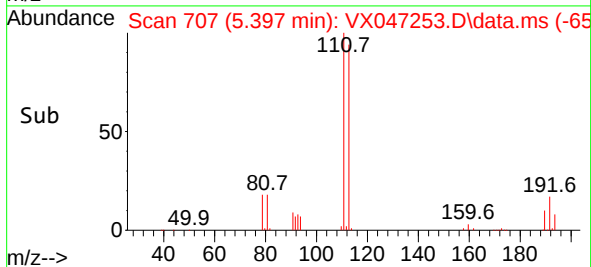
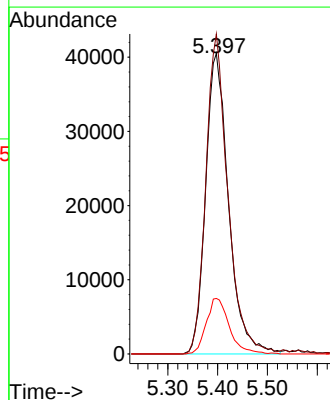
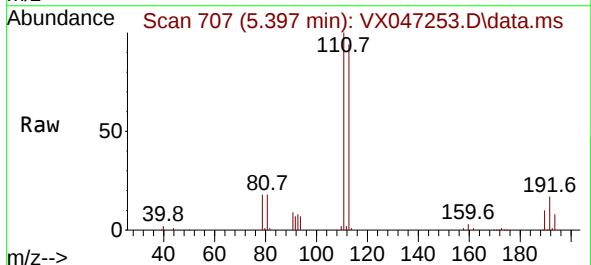
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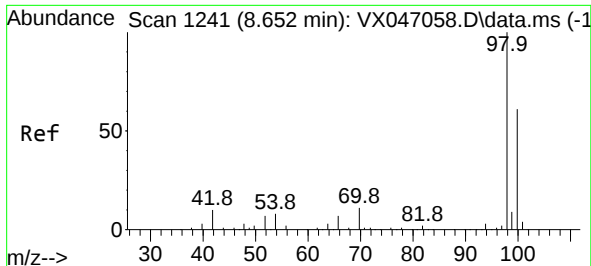
Tgt Ion:114 Resp: 424037
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.451 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion:113 Resp: 129469
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.5 14.9 22.3

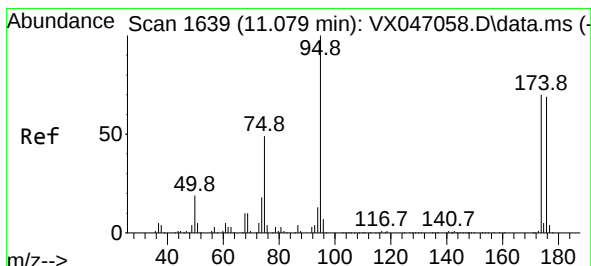
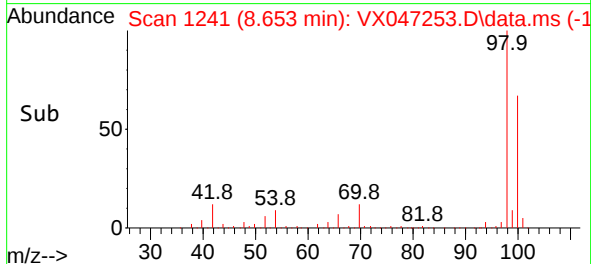
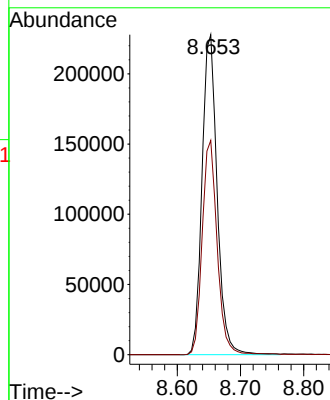
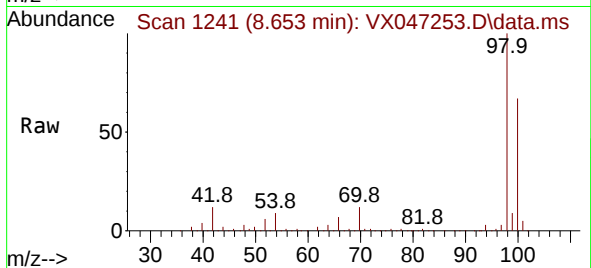




#50
Toluene-d8
Concen: 44.657 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

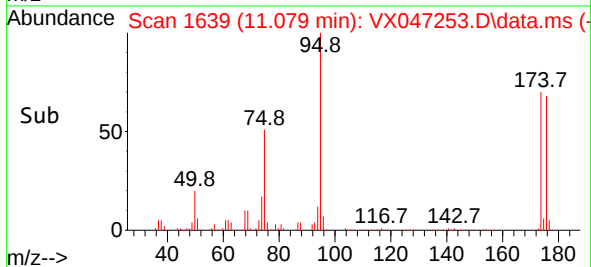
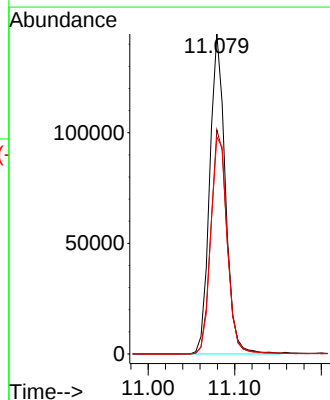
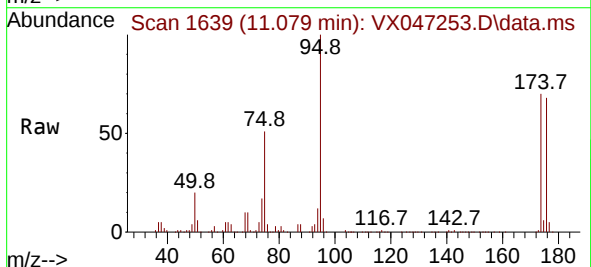
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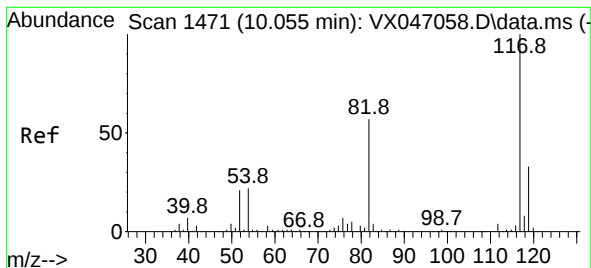
Tgt Ion: 98 Resp: 378639
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 49.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047253.D
Acq: 07 Aug 2025 11:03

Tgt Ion: 95 Resp: 181050
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 71.6 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: VX047253.D

Acq: 07 Aug 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBL01

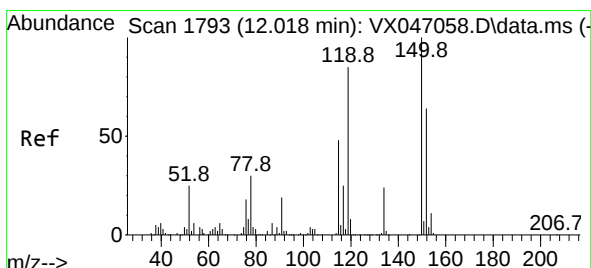
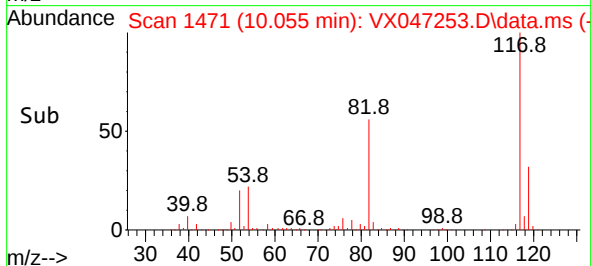
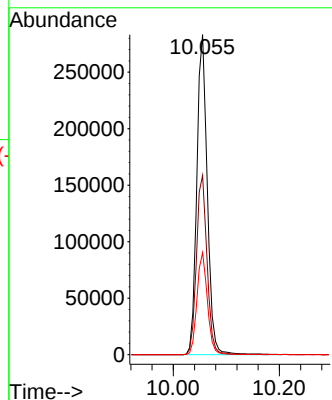
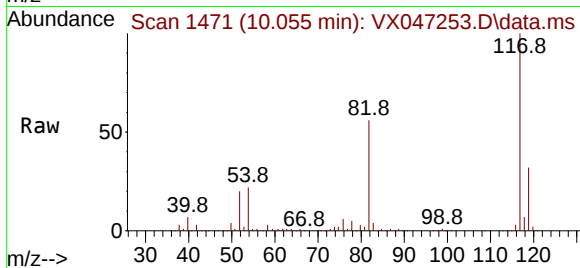
Tgt Ion:117 Resp: 386661

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.2

119 31.9 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: VX047253.D

Acq: 07 Aug 2025 11:03

Tgt Ion:152 Resp: 198090

Ion Ratio Lower Upper

152 100

115 61.9 45.6 136.7

150 156.8 0.0 354.6

