

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048260.D
 Acq On : 21 Oct 2025 11:56
 Operator : JC/MD
 Sample : Q3371-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251016

Quant Time: Oct 24 04:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	105728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	214439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81298	54.843	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.680%
35) Dibromofluoromethane	5.373	113	69132	47.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.635	98	240280	46.826	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.660%
62) 4-Bromofluorobenzene	11.061	95	108316	55.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.980%

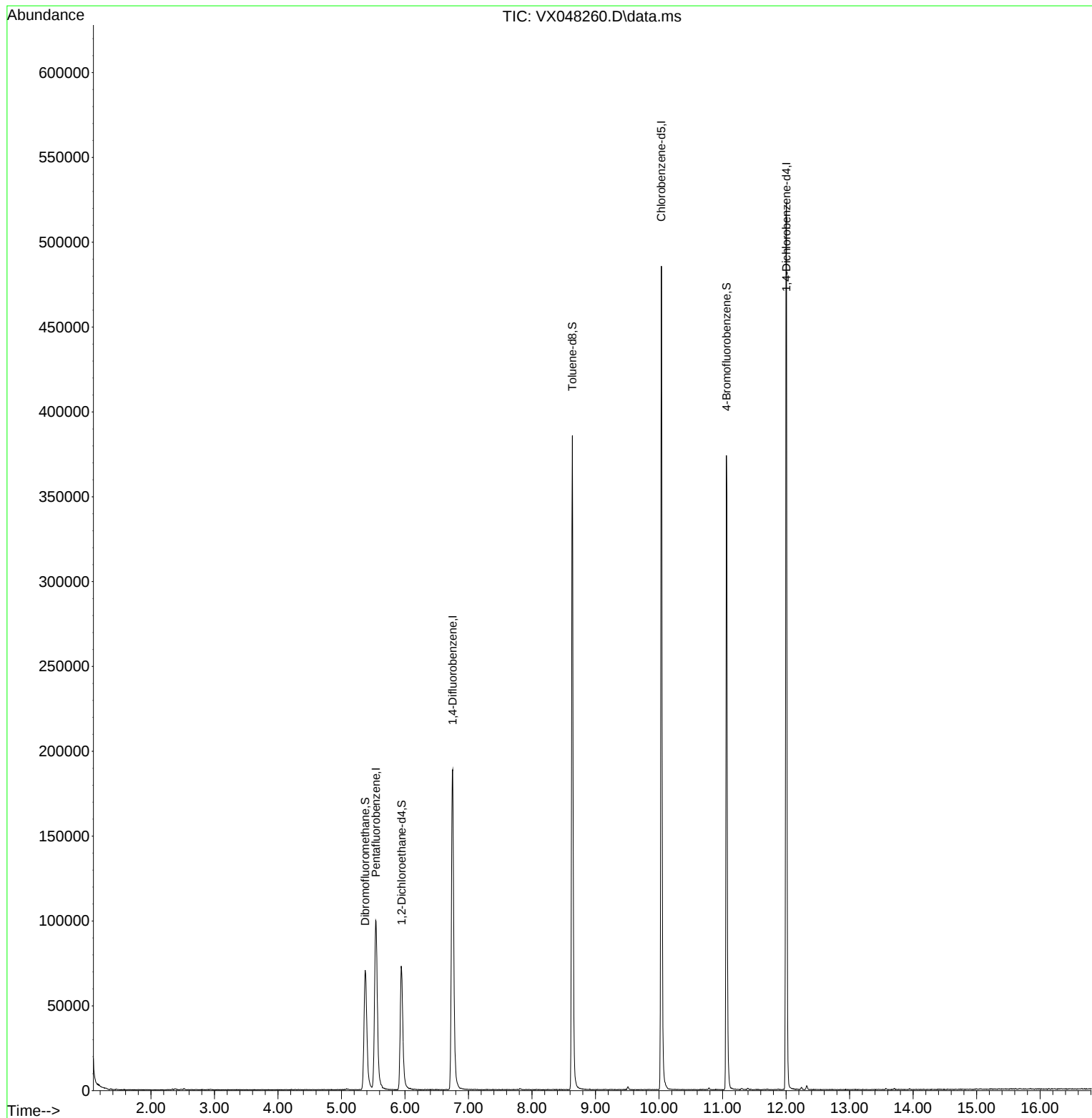
Target Compounds	Qvalue

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

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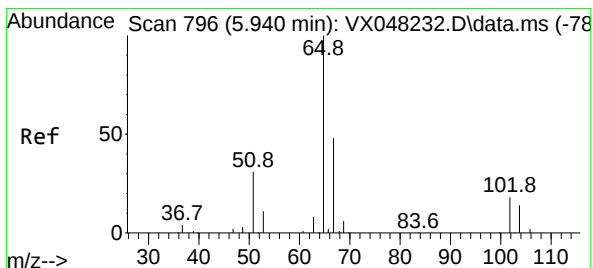
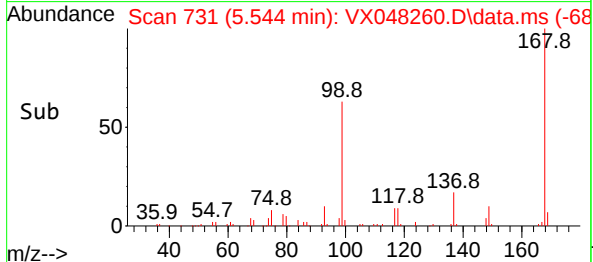
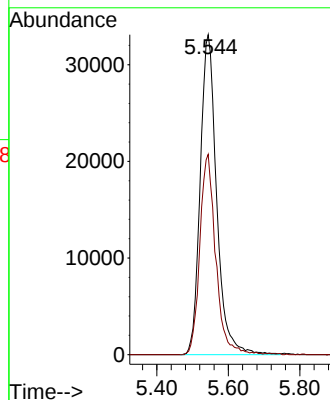
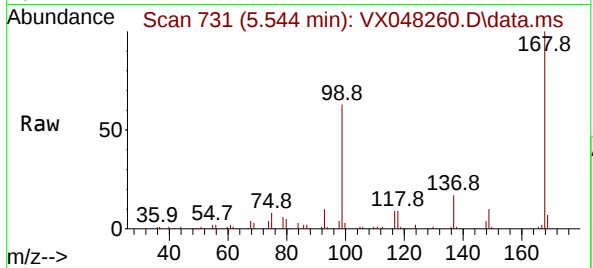




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048260.D
Acq: 21 Oct 2025 11:56

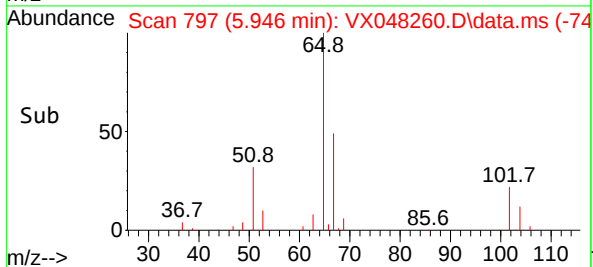
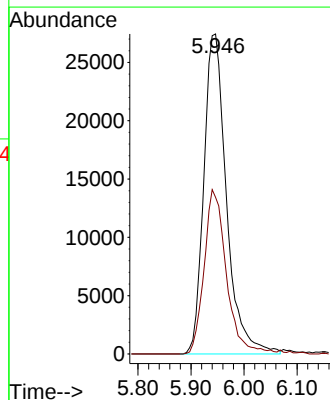
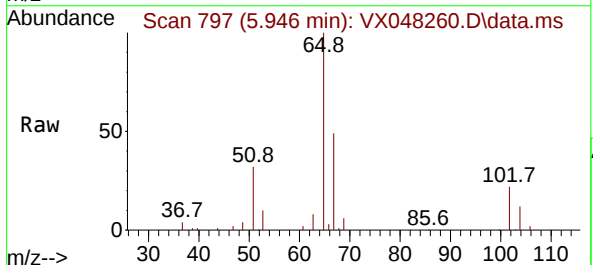
Instrument :
MSVOA_X
ClientSampleId :
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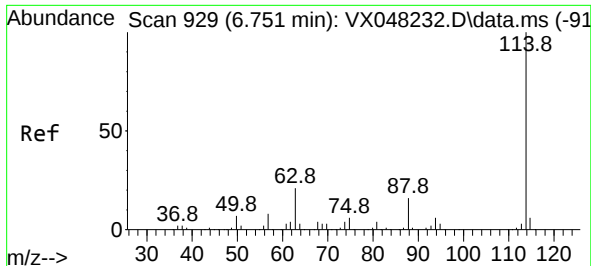
Tgt Ion:168 Resp: 105728
Ion Ratio Lower Upper
168 100
99 62.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 54.843 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048260.D
Acq: 21 Oct 2025 11:56

Tgt Ion: 65 Resp: 81298
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.0

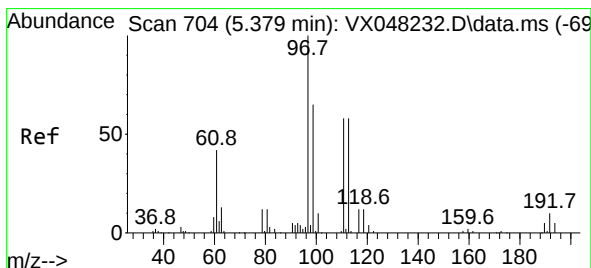
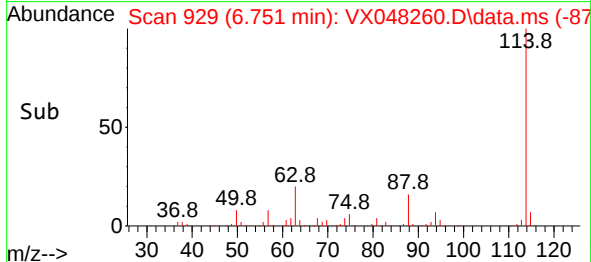
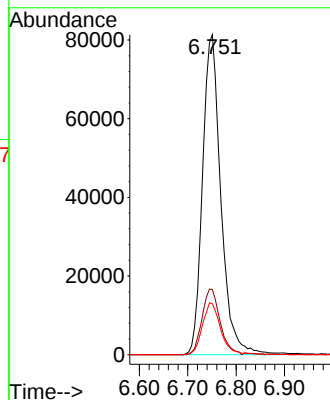
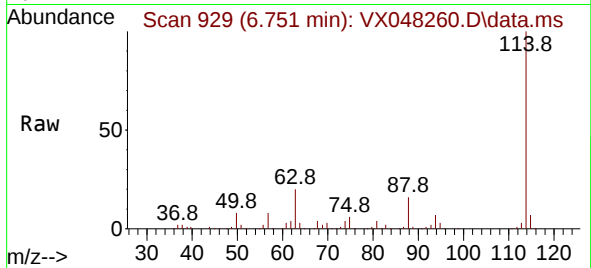




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048260.D
Acq: 21 Oct 2025 11:56

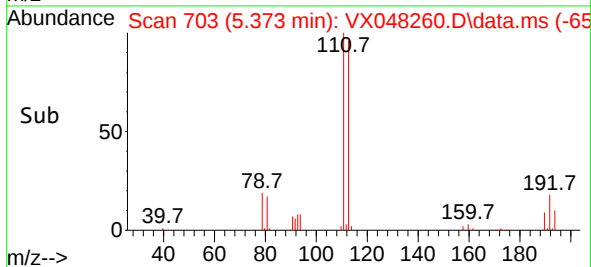
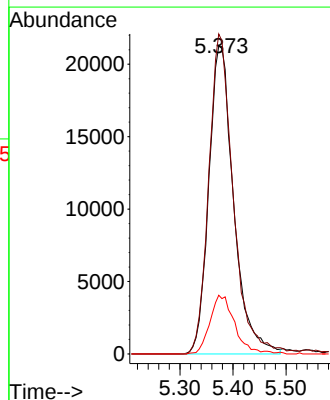
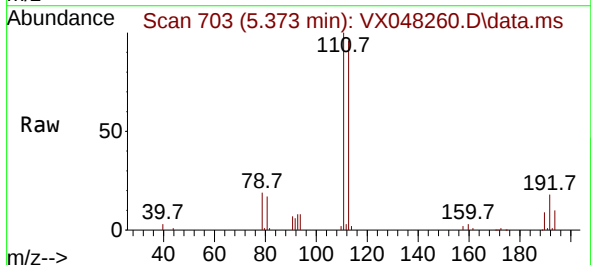
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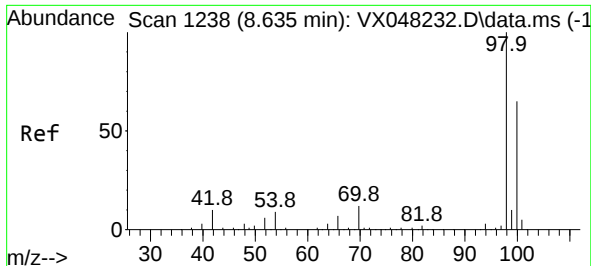
Tgt Ion:114 Resp: 214439
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.223 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048260.D
Acq: 21 Oct 2025 11:56

Tgt Ion:113 Resp: 69132
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.1 15.1 22.7

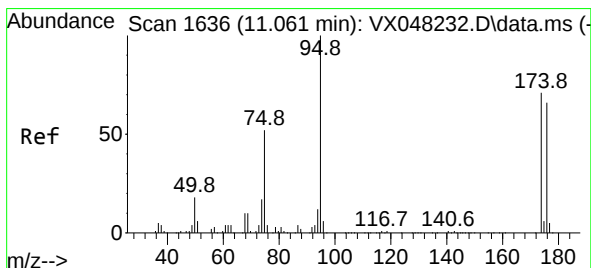
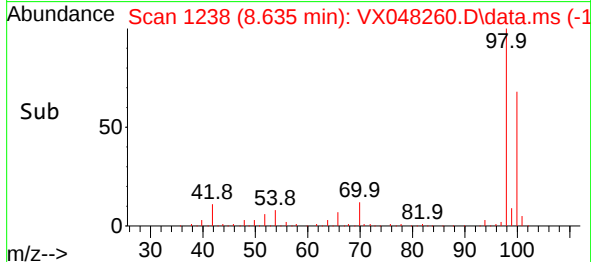
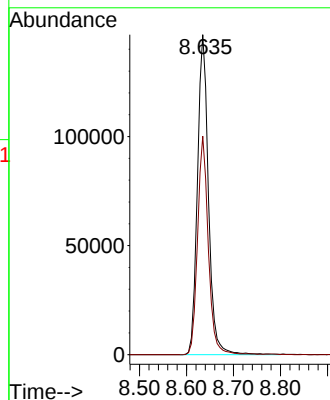
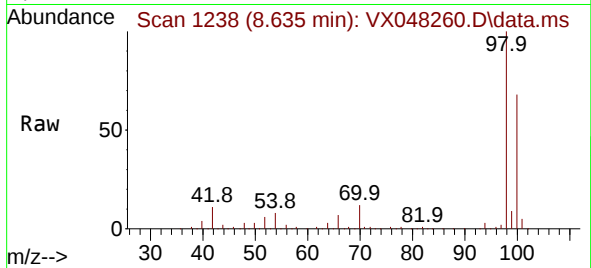




#50
Toluene-d8
Concen: 46.826 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048260.D
Acq: 21 Oct 2025 11:56

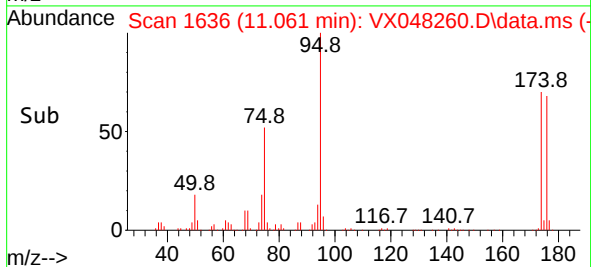
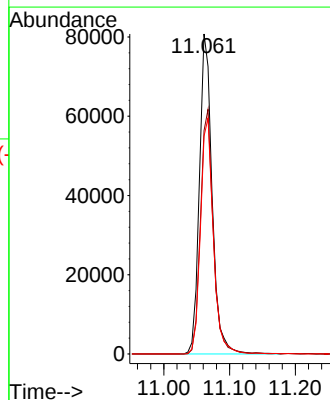
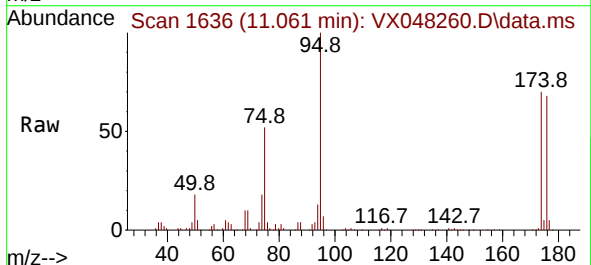
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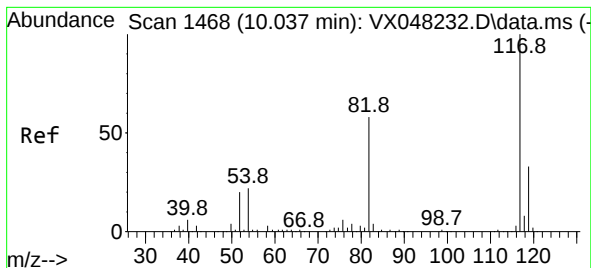
Tgt Ion: 98 Resp: 240280
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.487 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048260.D
Acq: 21 Oct 2025 11:56

Tgt Ion: 95 Resp: 108316
Ion Ratio Lower Upper
95 100
174 76.8 0.0 147.8
176 74.7 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048260.D

Acq: 21 Oct 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20251016

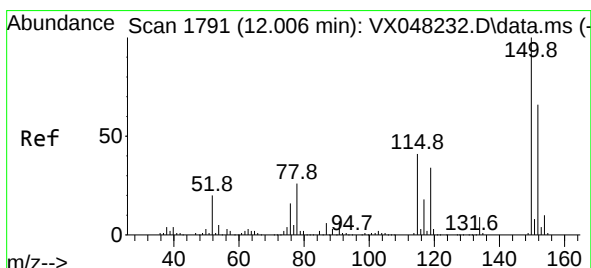
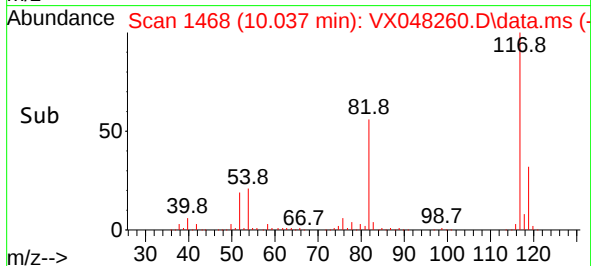
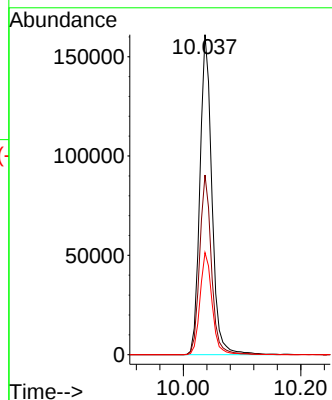
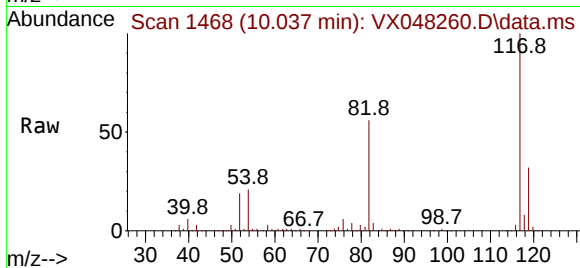
Tgt Ion:117 Resp: 228141

Ion Ratio Lower Upper

117 100

82 56.2 46.5 69.7

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048260.D

Acq: 21 Oct 2025 11:56

Tgt Ion:152 Resp: 117921

Ion Ratio Lower Upper

152 100

115 61.9 43.1 129.4

150 156.6 0.0 353.0

