

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047725.D
 Acq On : 23 Sep 2025 12:22
 Operator : JC/MD
 Sample : Q3141-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20250917

Quant Time: Sep 24 01:29:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	131211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	272690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99105	47.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.900%
35) Dibromofluoromethane	5.373	113	84932	46.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.635	98	300857	47.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.080%
62) 4-Bromofluorobenzene	11.061	95	125146	52.109	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.220%

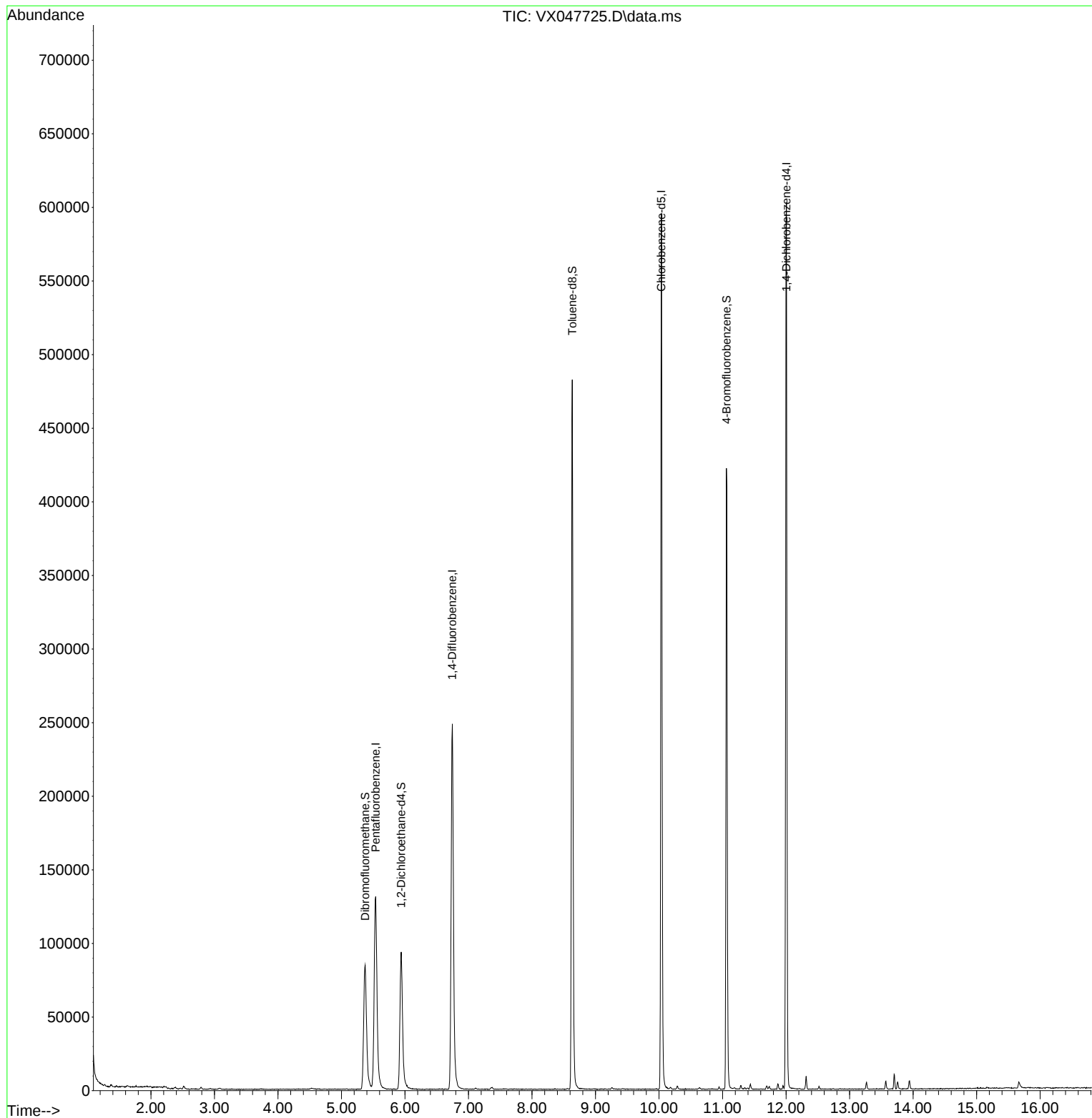
Target Compounds	Qvalue

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

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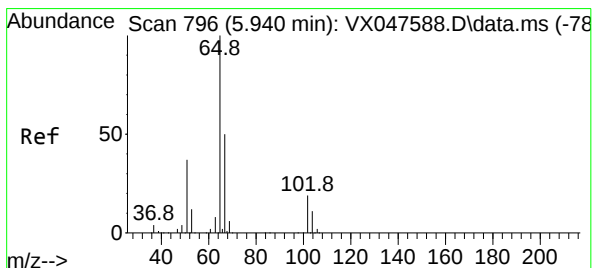
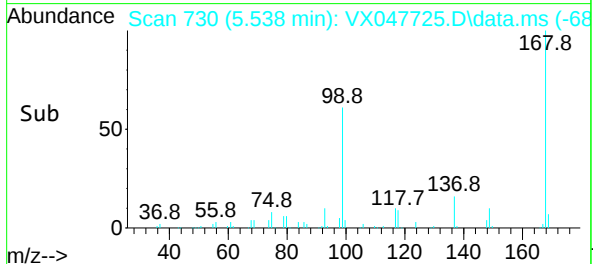
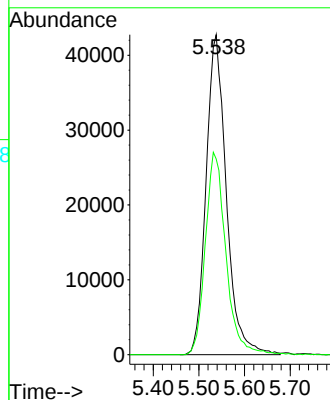
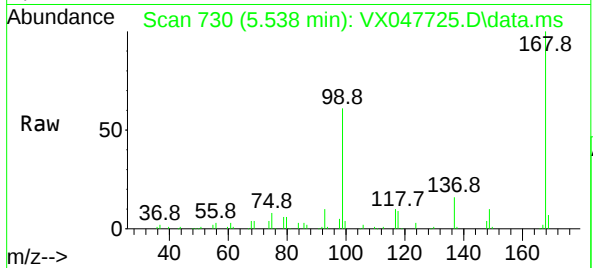




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX047725.D
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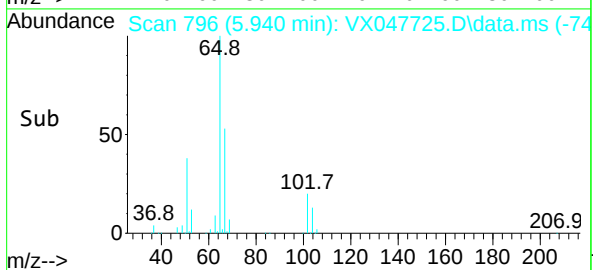
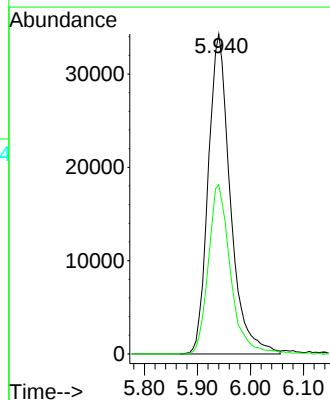
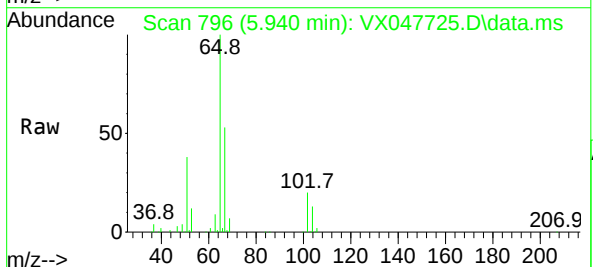
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250917

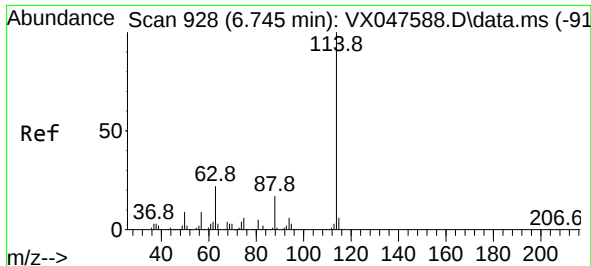
Tgt Ion:168 Resp: 131211
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 47.452 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047725.D
Acq: 23 Sep 2025 12:22

Tgt Ion: 65 Resp: 99105
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX047725.D

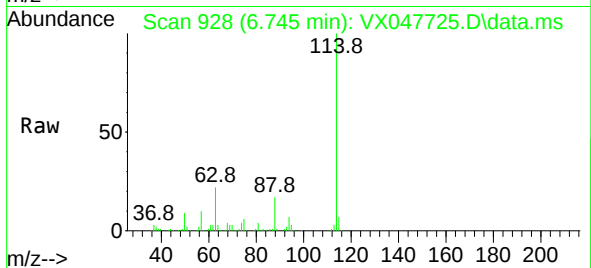
Acq: 23 Sep 2025 12:22

Instrument :

MSVOA_X

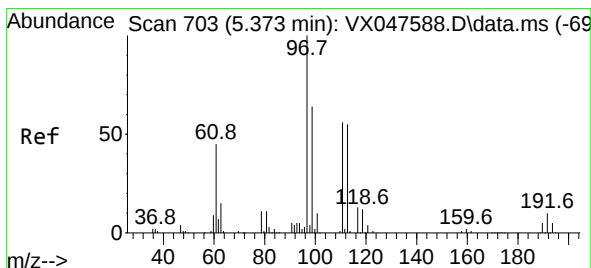
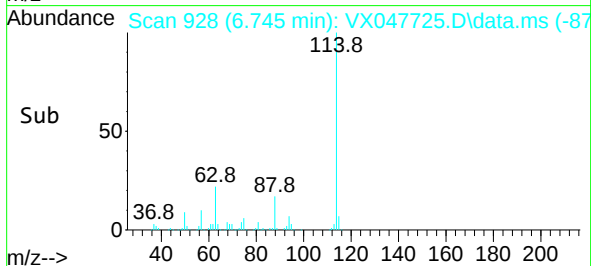
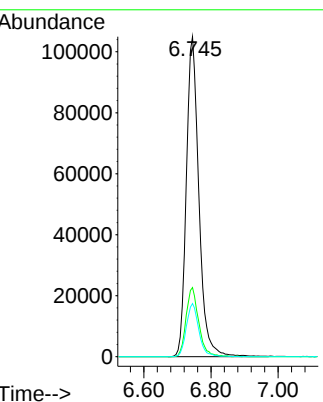
ClientSampleId :

BP-VPB-184-TB-20250917



Tgt Ion:114 Resp: 272690

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	16.6	0.0	34.2



#35

Dibromofluoromethane

Concen: 46.441 ug/l

RT: 5.373 min Scan# 703

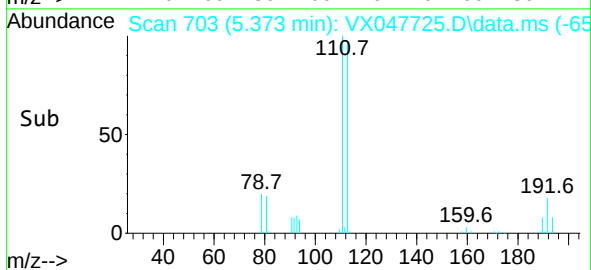
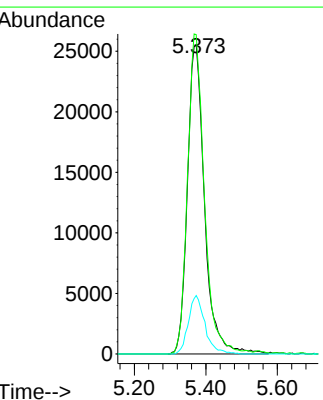
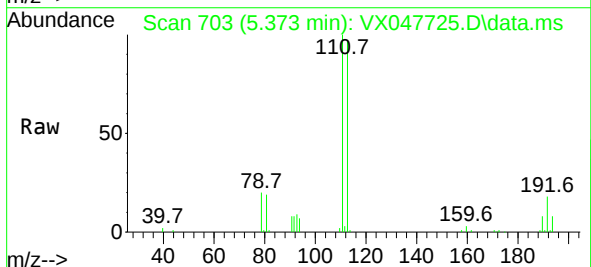
Delta R.T. -0.000 min

Lab File: VX047725.D

Acq: 23 Sep 2025 12:22

Tgt Ion:113 Resp: 84932

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.9	121.3
192	18.3	14.2	21.4

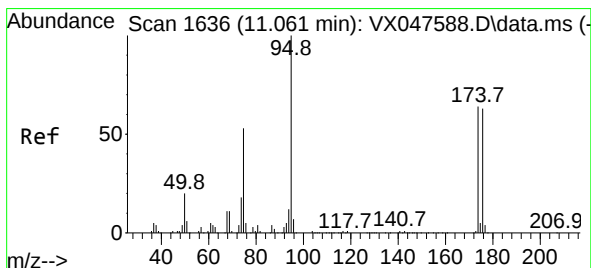
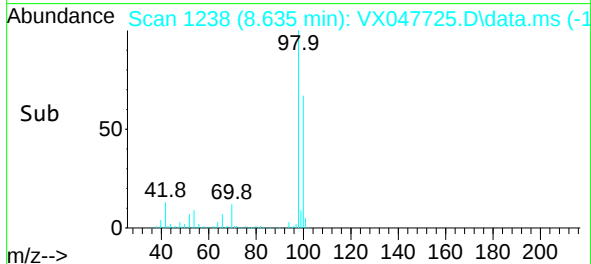
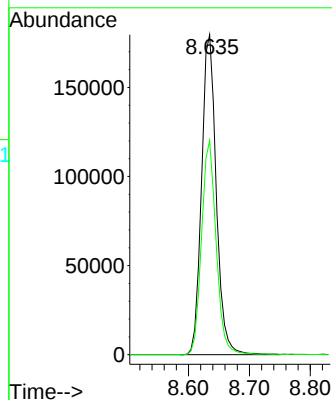
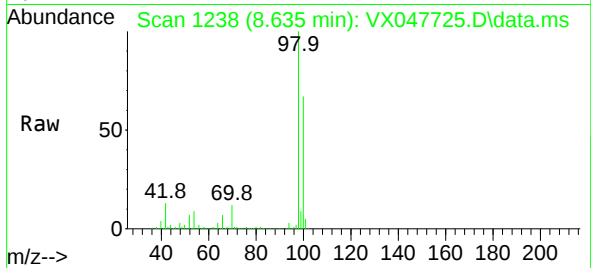




#50
Toluene-d8
Concen: 47.543 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047725.D
Acq: 23 Sep 2025 12:22

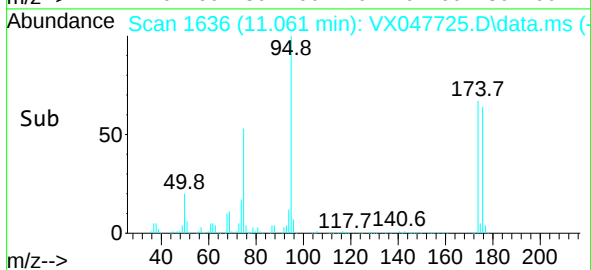
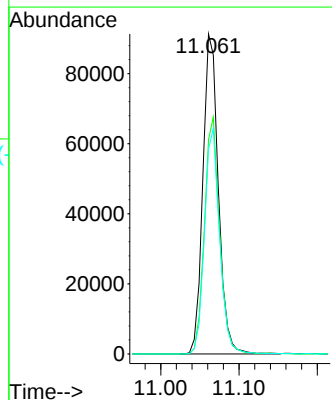
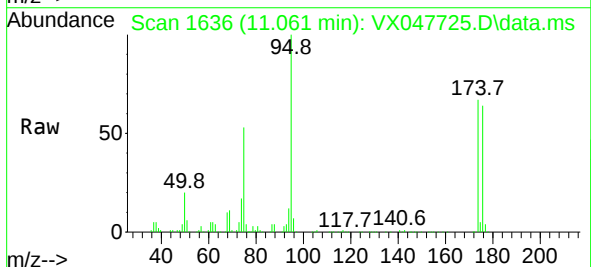
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Tgt Ion: 98 Resp: 300857
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.109 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047725.D
Acq: 23 Sep 2025 12:22

Tgt Ion: 95 Resp: 125146
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 68.7 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047725.D

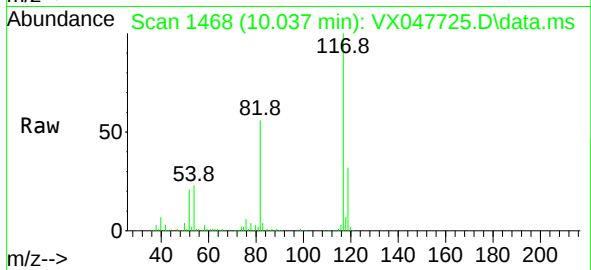
Acq: 23 Sep 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-TB-20250917



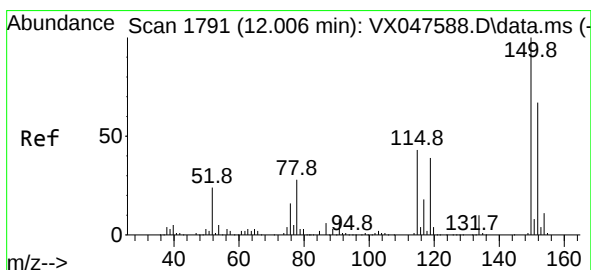
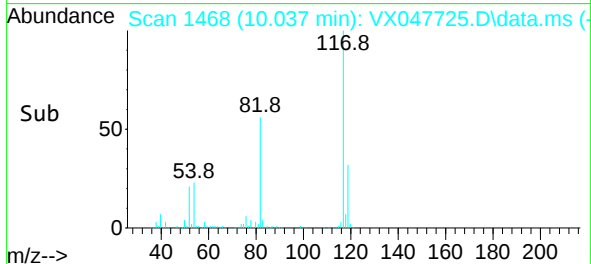
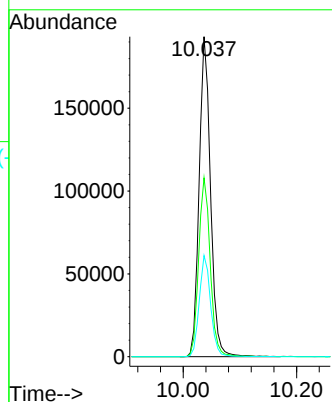
Tgt Ion:117 Resp: 268706

Ion Ratio Lower Upper

117 100

82 55.9 47.8 71.6

119 31.6 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047725.D

Acq: 23 Sep 2025 12:22

Tgt Ion:152 Resp: 128339

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 159.0 0.0 352.0

