

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047842.D
 Acq On : 26 Sep 2025 08:04
 Operator : JC/MD
 Sample : Q3128-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB07-20250912

Quant Time: Sep 26 08:30:40 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	132283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	276404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108023	51.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.600%
35) Dibromofluoromethane	5.379	113	90376	48.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.500%
50) Toluene-d8	8.635	98	311858	48.620	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.061	95	131732	54.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.220%

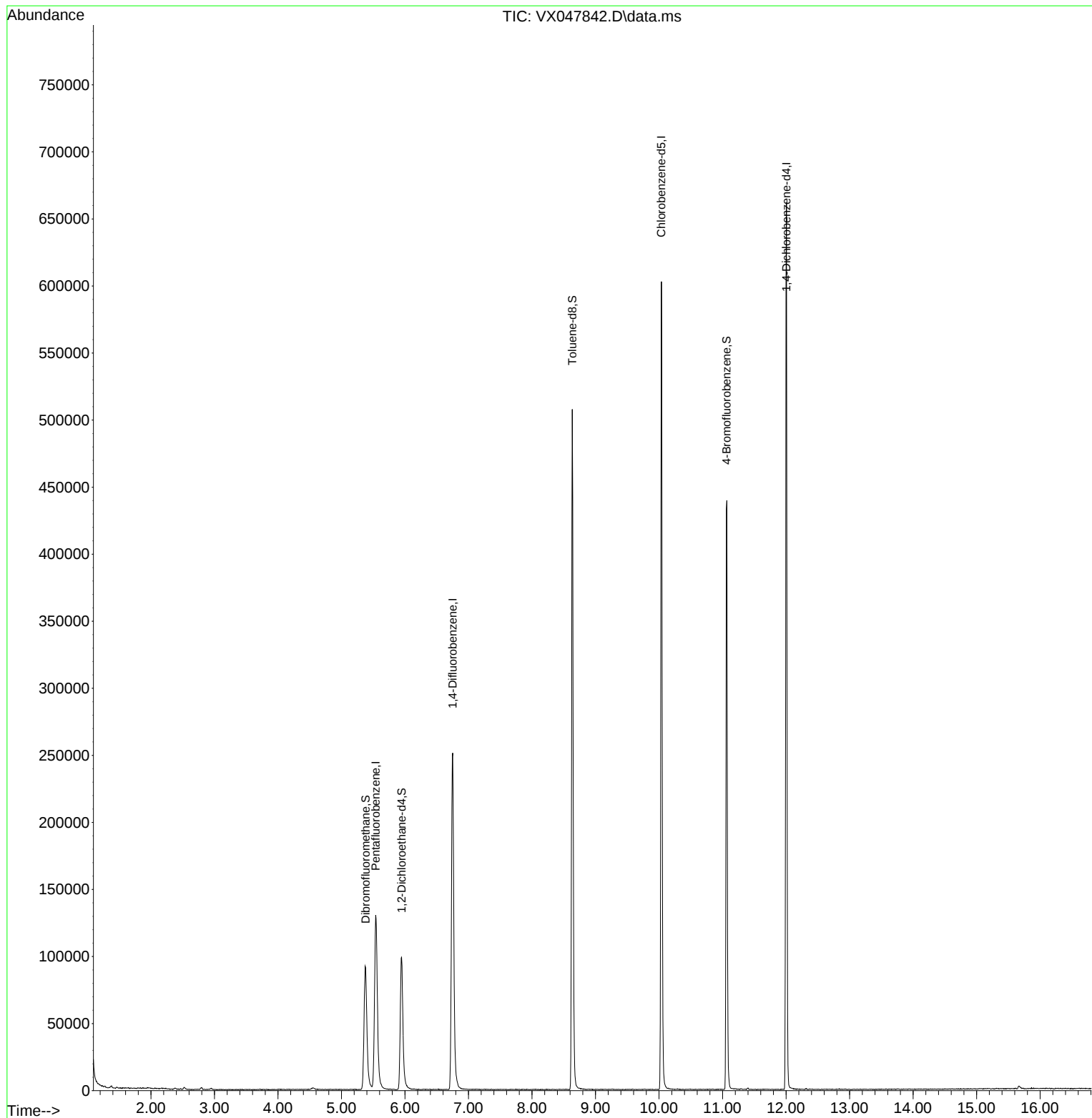
Target Compounds	Qvalue

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

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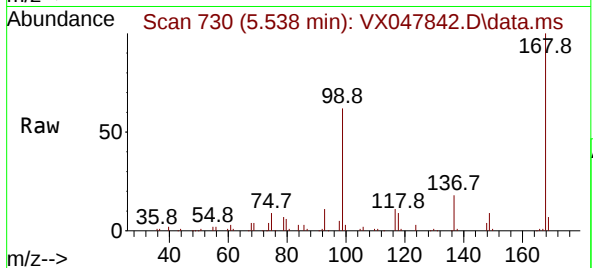
Quant Time: Sep 26 08:30:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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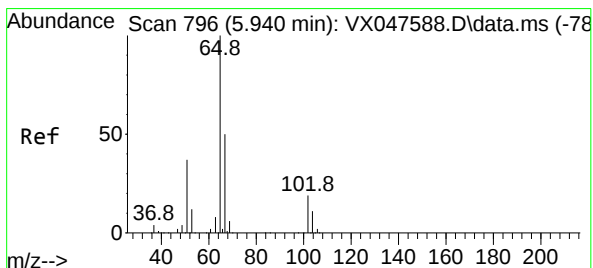
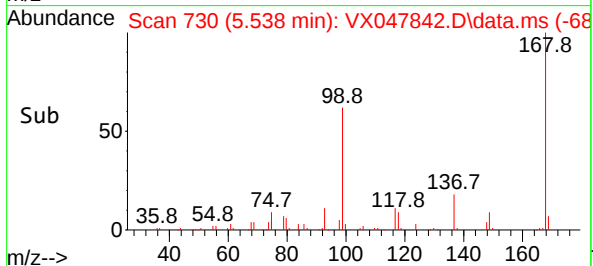
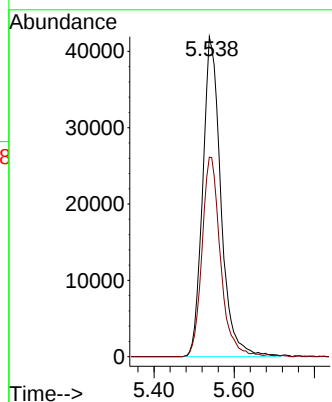


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Instrument :
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TB07-20250912

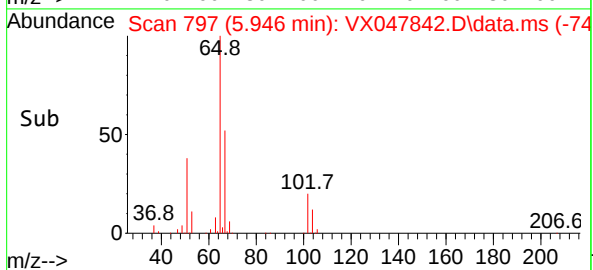
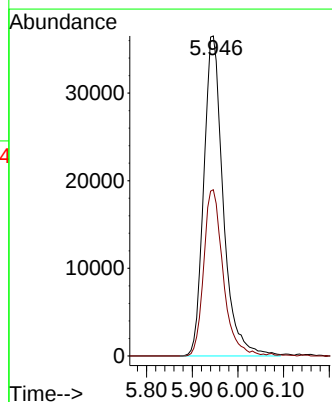
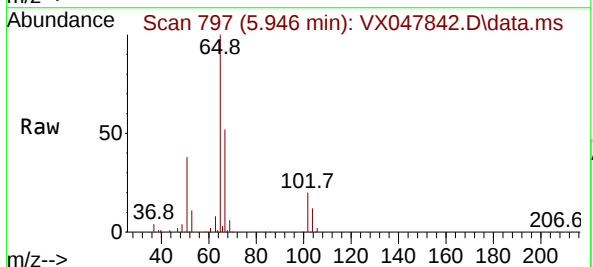


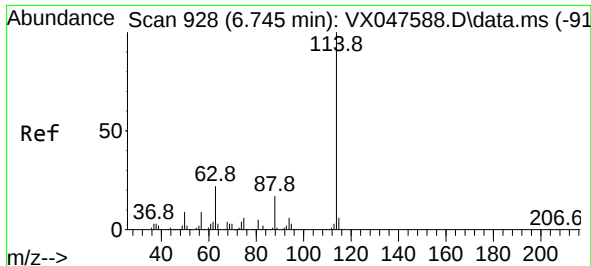
Tgt Ion:168 Resp: 132283
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.302 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 65 Resp: 108023
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

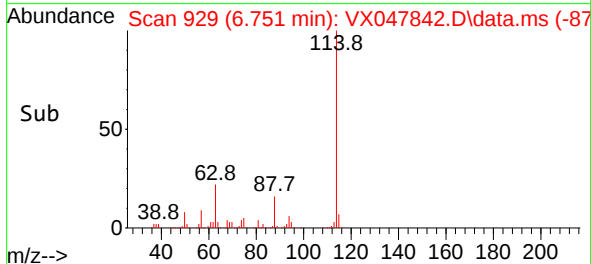
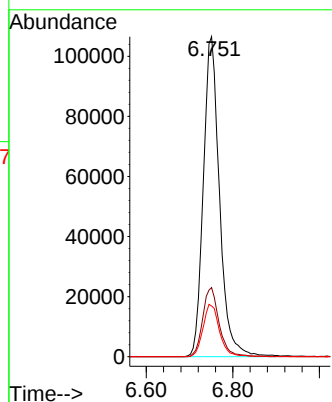
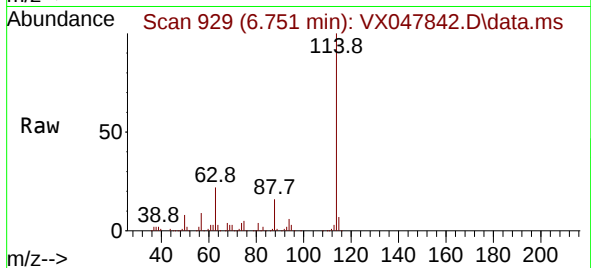




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

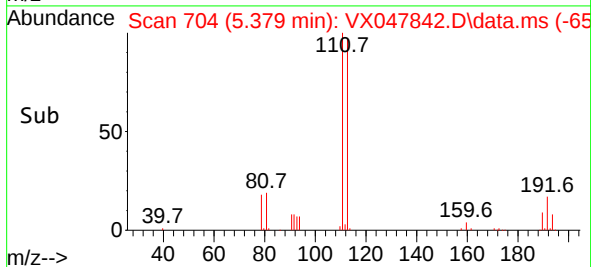
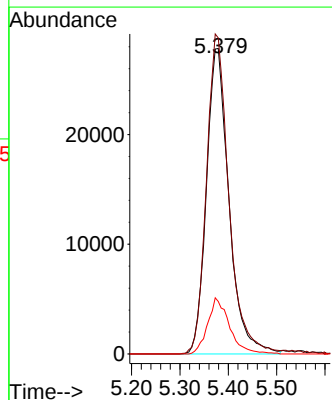
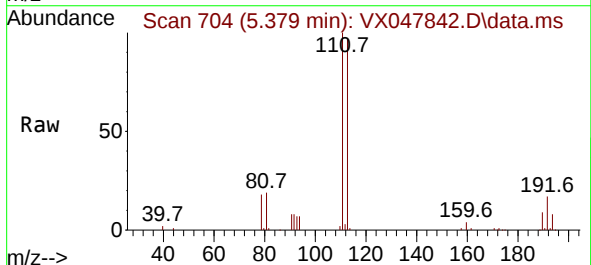
Instrument :
MSVOA_X
ClientSampleId :
TB07-20250912

Tgt Ion:114 Resp: 276404
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.754 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion:113 Resp: 90376
Ion Ratio Lower Upper
113 100
111 104.1 80.9 121.3
192 17.8 14.2 21.4

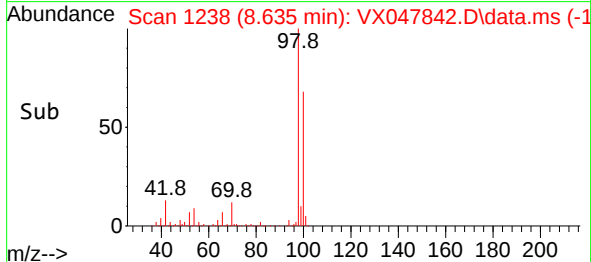
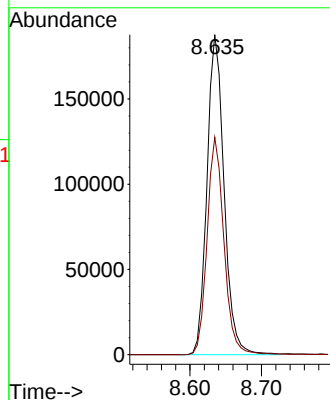
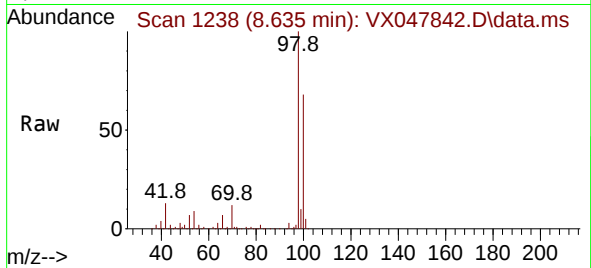




#50
Toluene-d8
Concen: 48.620 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

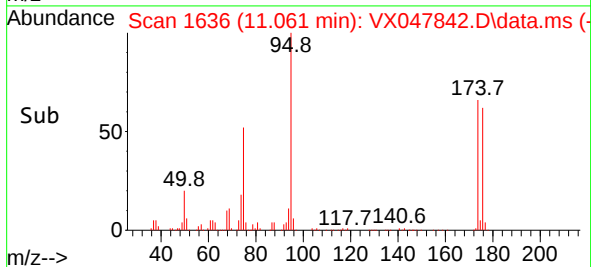
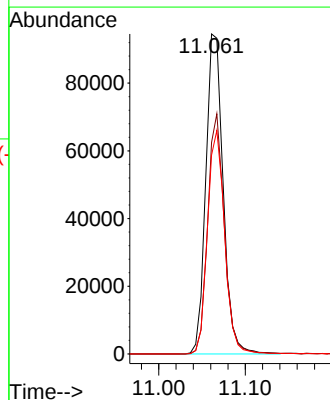
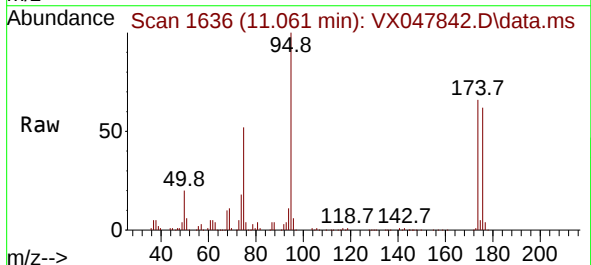
Instrument :
MSVOA_X
ClientSampleId :
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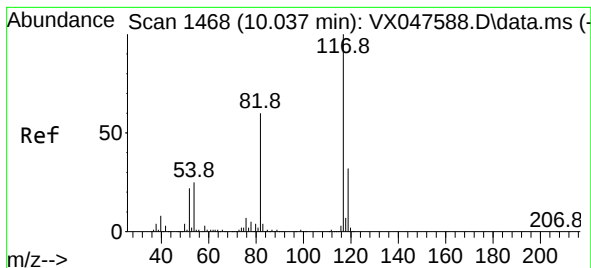
Tgt Ion: 98 Resp: 311858
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.115 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047842.D
Acq: 26 Sep 2025 08:04

Tgt Ion: 95 Resp: 131732
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.4 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: VX047842.D

Acq: 26 Sep 2025 08:04

Instrument :

MSVOA_X

ClientSampleId :

TB07-20250912

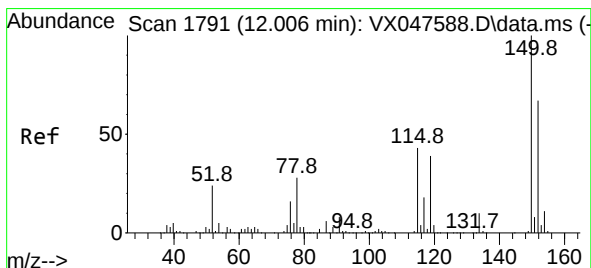
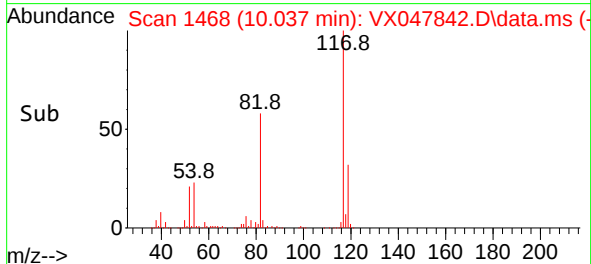
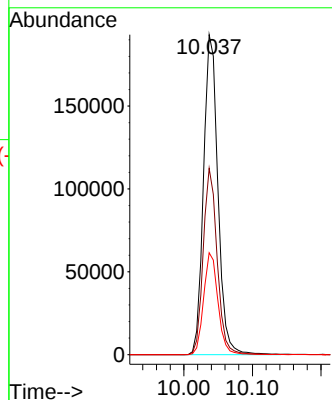
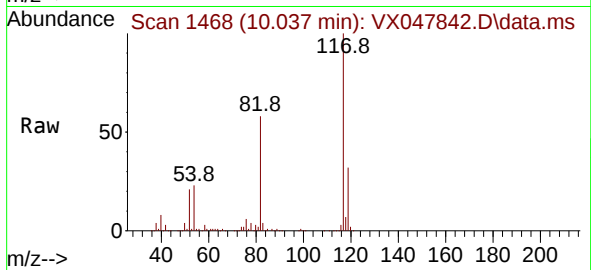
Tgt Ion:117 Resp: 283292

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.6

119 31.8 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: VX047842.D

Acq: 26 Sep 2025 08:04

Tgt Ion:152 Resp: 140911

Ion Ratio Lower Upper

152 100

115 61.7 44.9 134.5

150 155.9 0.0 352.0

