

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047808.D
 Acq On : 25 Sep 2025 13:53
 Operator : JC/MD
 Sample : Q3127-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20250912

Quant Time: Sep 26 01:27:54 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	5.544	168	125551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	262060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101896	50.987	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.980%
35) Dibromofluoromethane	5.373	113	85463	48.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	8.634	98	293713	48.297	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.600%
62) 4-Bromofluorobenzene	11.061	95	123051	53.315	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.640%

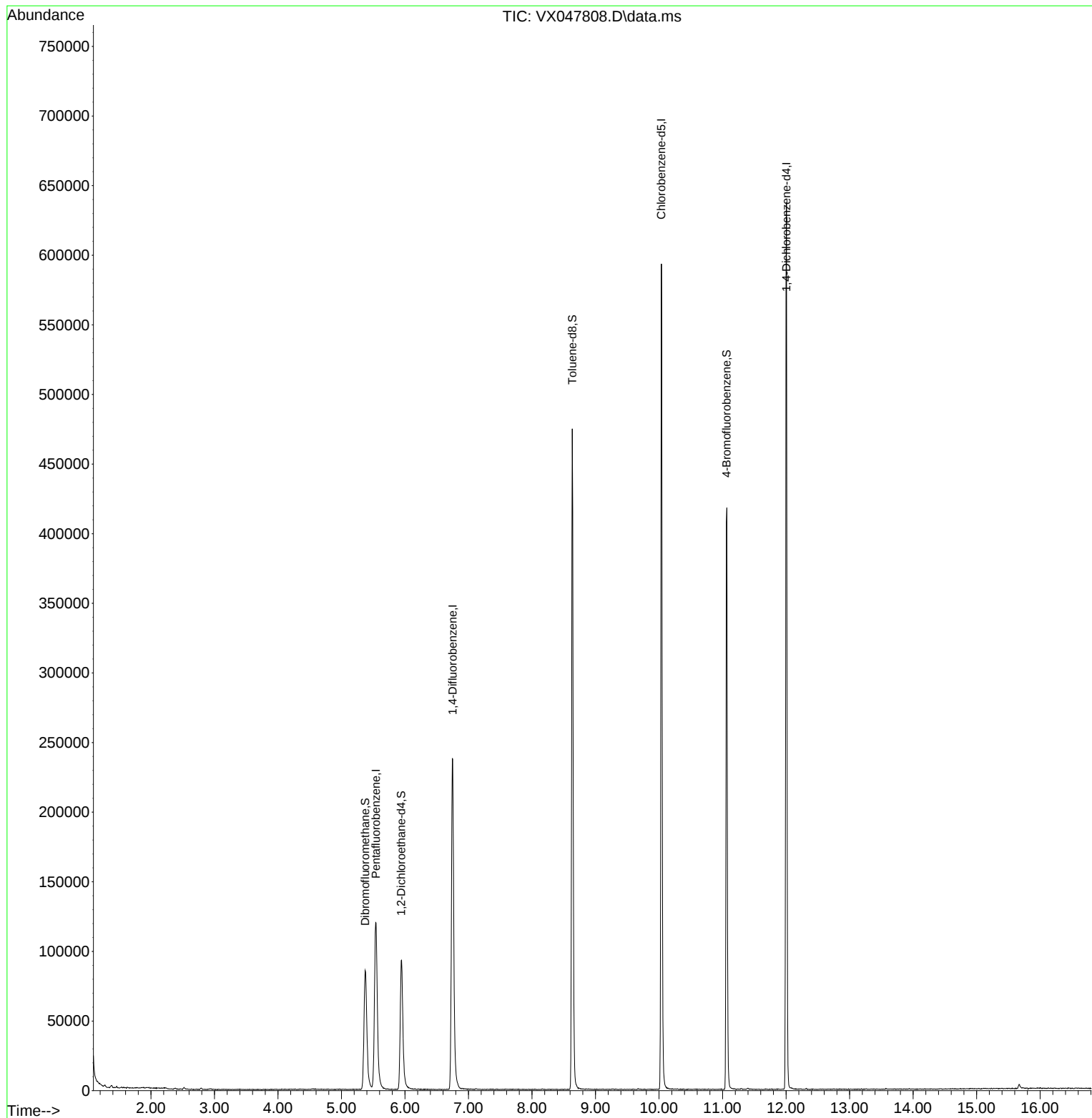
Target Compounds	Qvalue

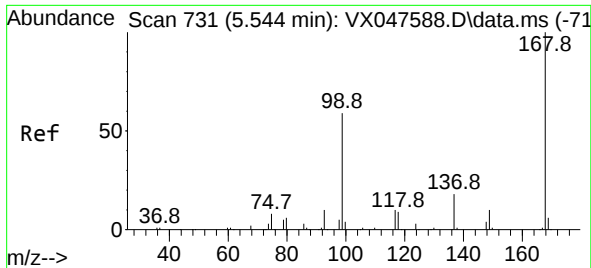
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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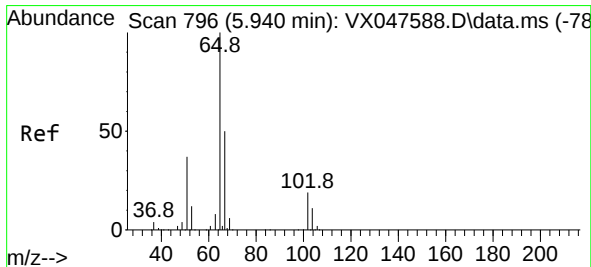
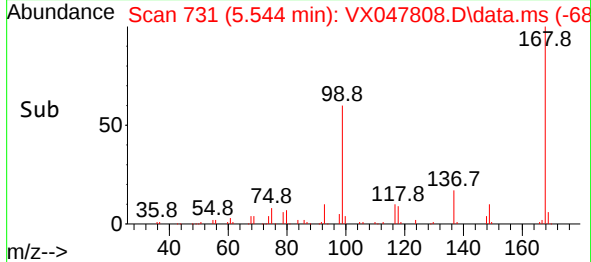
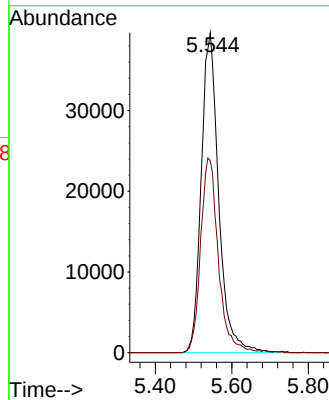
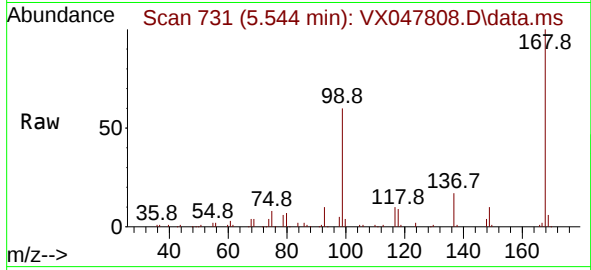




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

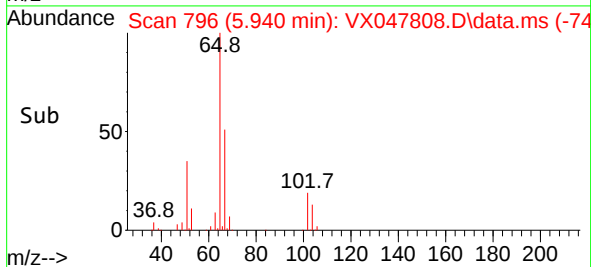
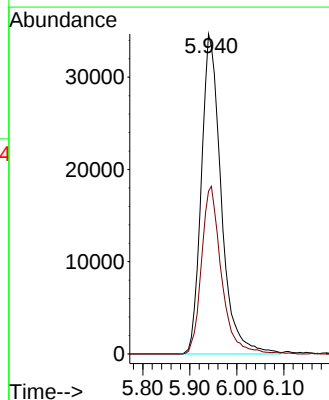
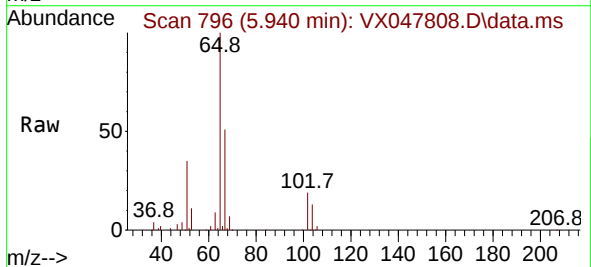
Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

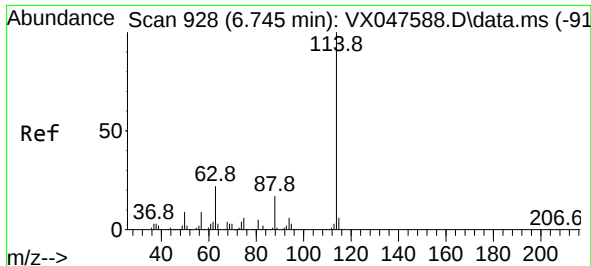
Tgt Ion:168 Resp: 125551
Ion Ratio Lower Upper
168 100
99 59.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.987 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion: 65 Resp: 101896
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

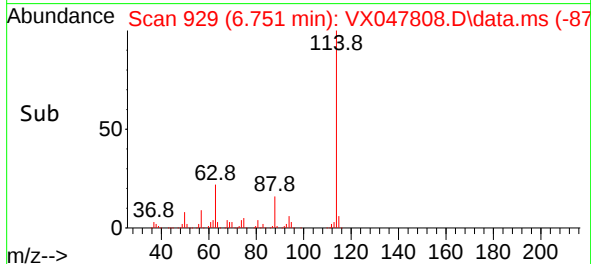
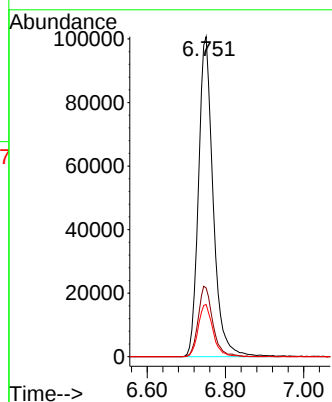
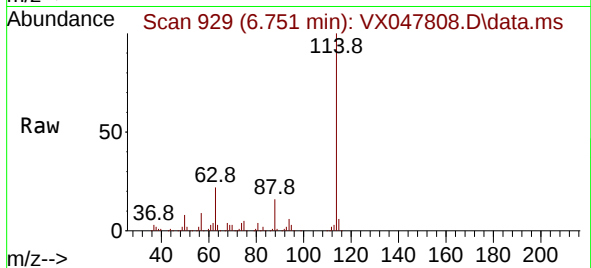




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

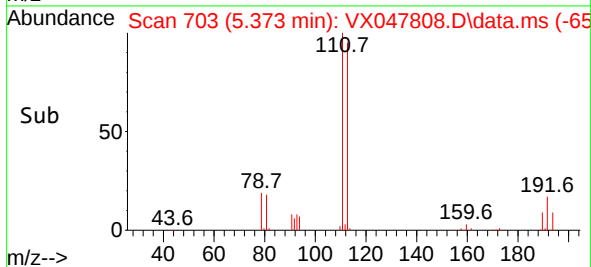
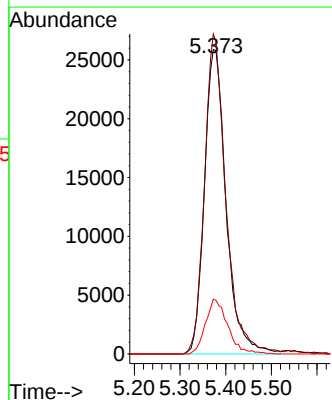
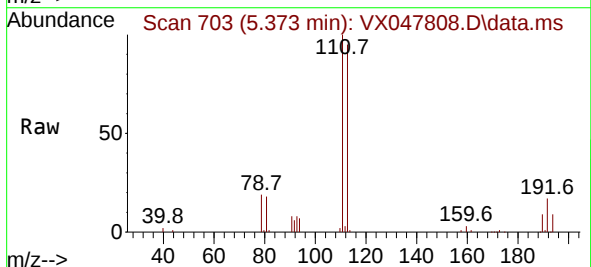
Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

Tgt Ion:114 Resp: 262060
Ion Ratio Lower Upper
114 100
63 24.3 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion:113 Resp: 85463
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.4 14.2 21.4

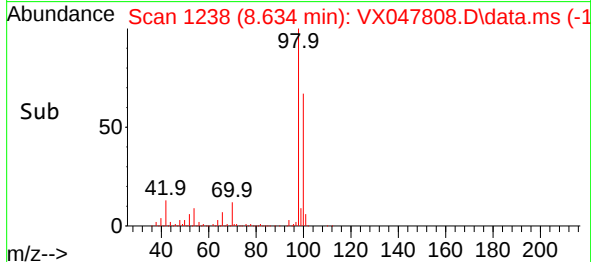
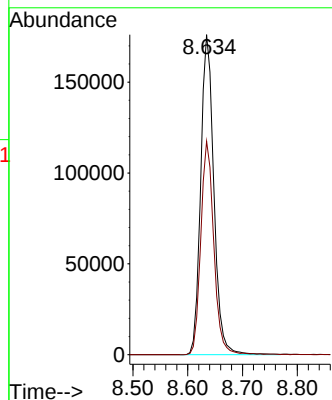
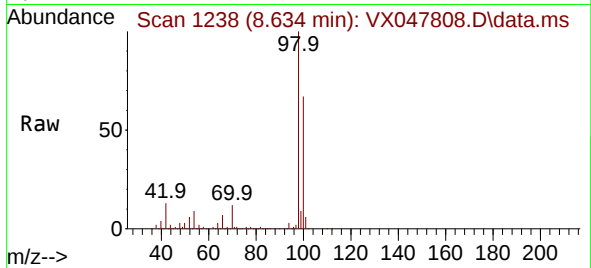




#50
Toluene-d8
Concen: 48.297 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

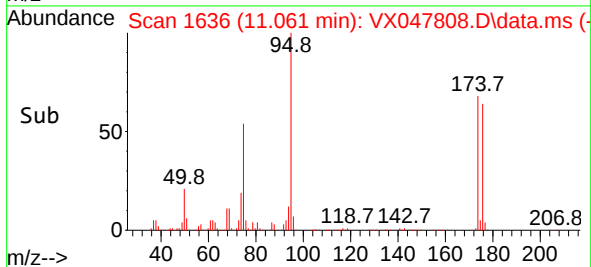
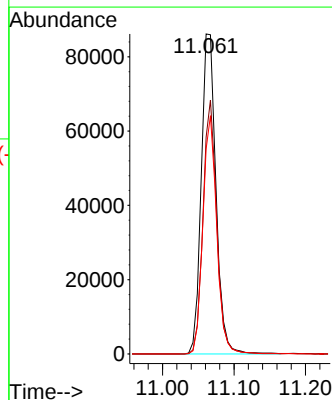
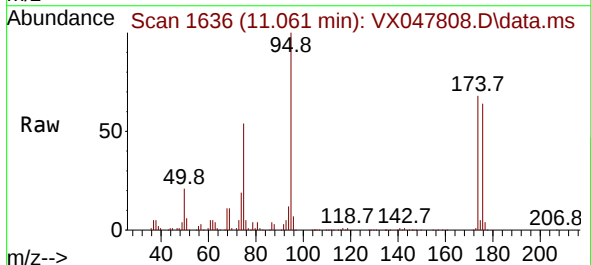
Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

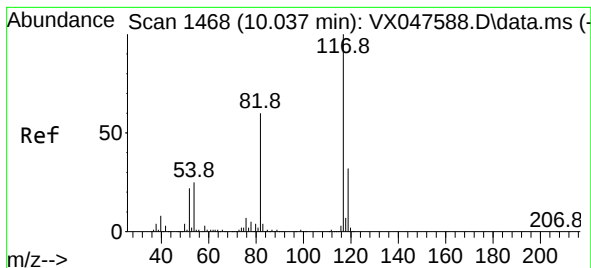
Tgt Ion: 98 Resp: 293713
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.315 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion: 95 Resp: 123051
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.6
176 70.3 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: VX047808.D

Acq: 25 Sep 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

TB06-20250912

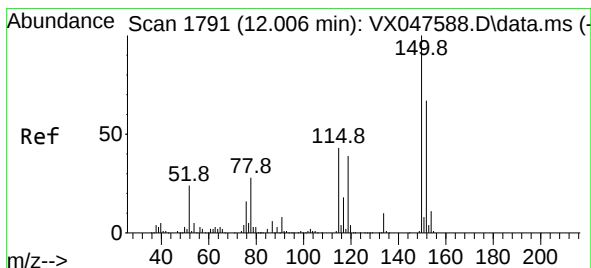
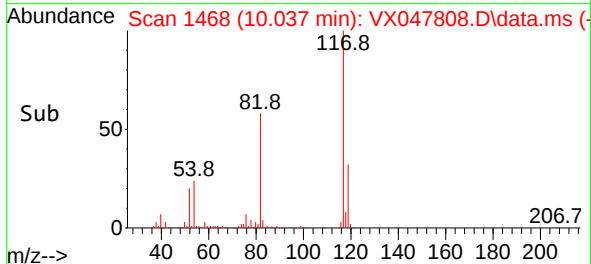
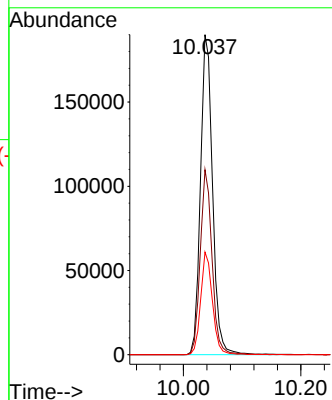
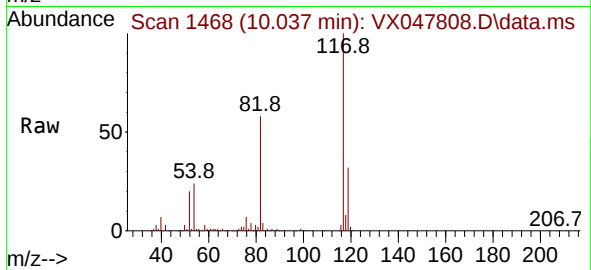
Tgt Ion:117 Resp: 271171

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

119 32.1 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: VX047808.D

Acq: 25 Sep 2025 13:53

Tgt Ion:152 Resp: 135532

Ion Ratio Lower Upper

152 100

115 61.1 44.9 134.5

150 156.6 0.0 352.0

