

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047816.D
 Acq On : 25 Sep 2025 16:42
 Operator : JC/MD
 Sample : Q3128-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-5-20250917

Quant Time: Sep 26 01:31:11 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	5.537	168	121834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	260923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131658	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100979	52.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.140%
35) Dibromofluoromethane	5.379	113	84710	48.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.634	98	286286	47.281	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.560%
62) 4-Bromofluorobenzene	11.067	95	119574	52.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.060%

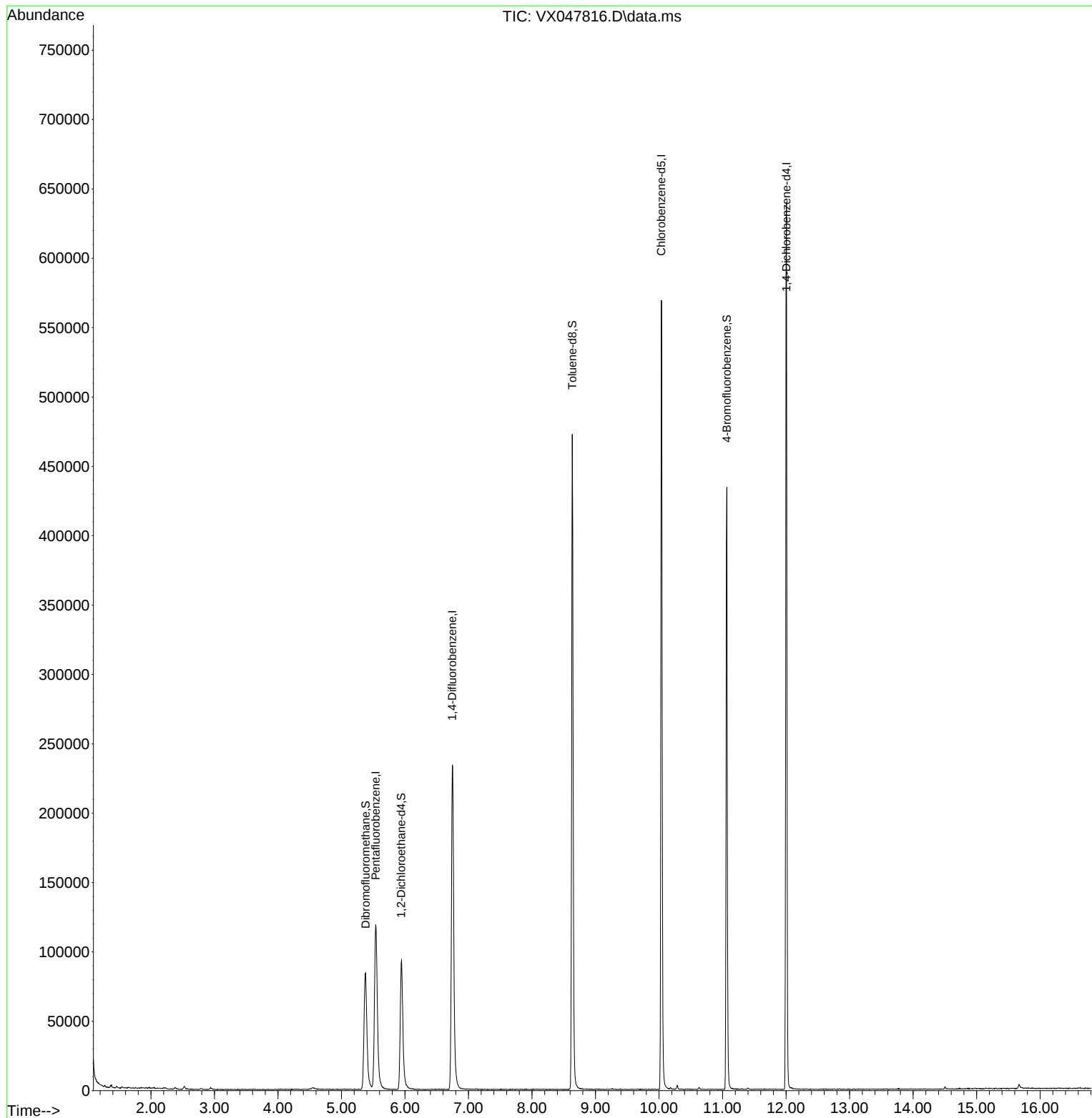
Target Compounds	Qvalue

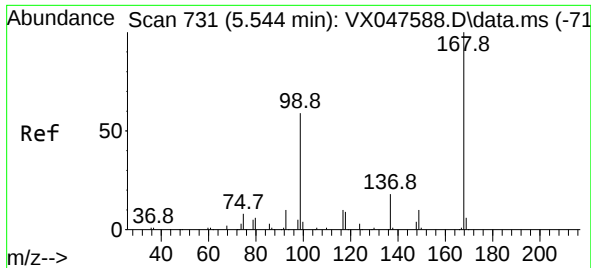
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.007 min

Lab File: VX047816.D

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Instrument :

MSVOA_X

ClientSampleId :

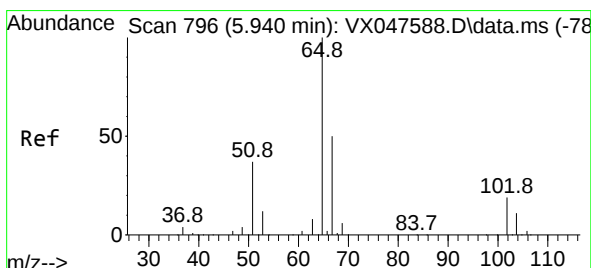
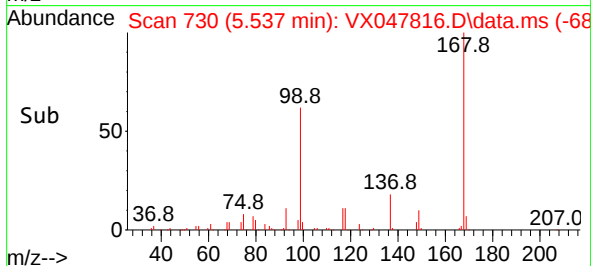
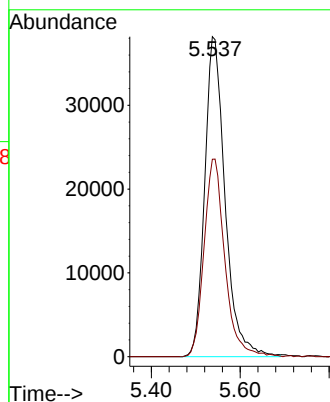
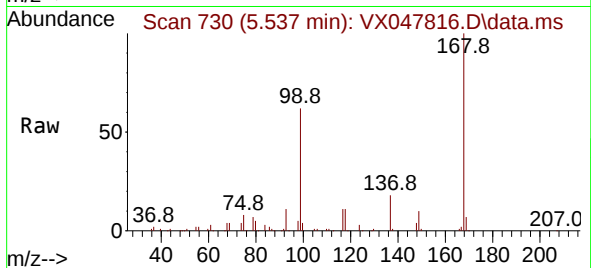
BPOW6-5-20250917

Tgt Ion:168 Resp: 121834

Ion Ratio Lower Upper

168 100

99 61.7 48.8 73.2



#33

1,2-Dichloroethane-d4

Concen: 52.070 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047816.D

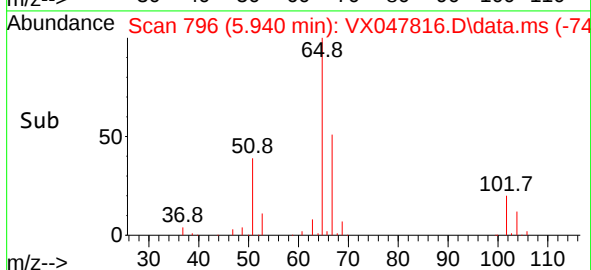
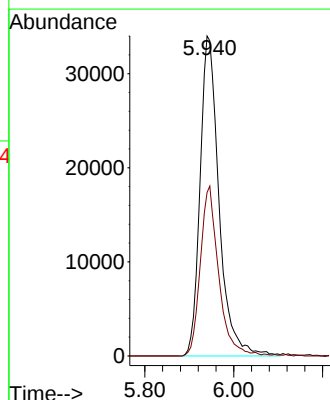
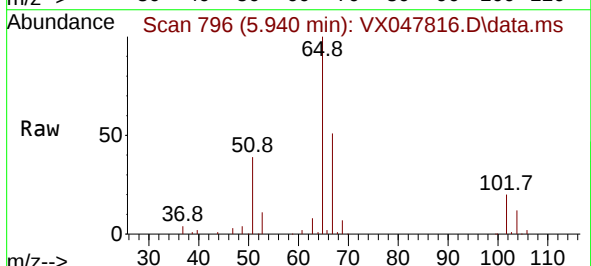
Acq: 25 Sep 2025 16:42

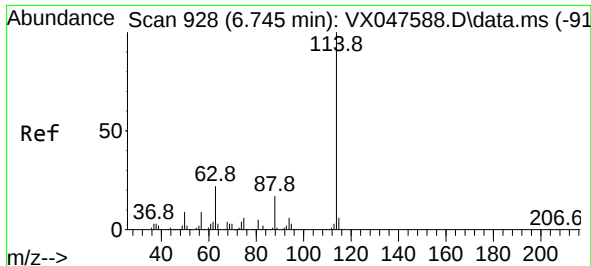
Tgt Ion: 65 Resp: 100979

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0

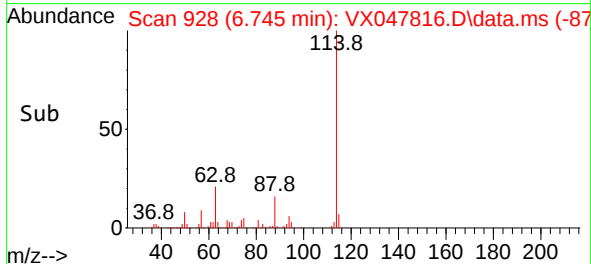
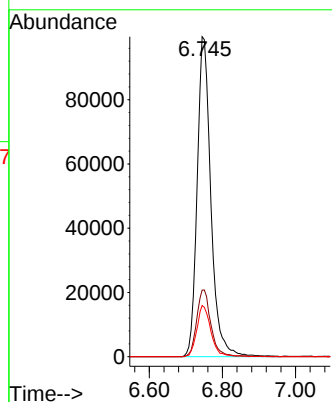
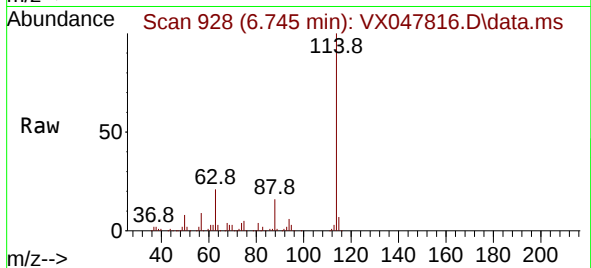




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

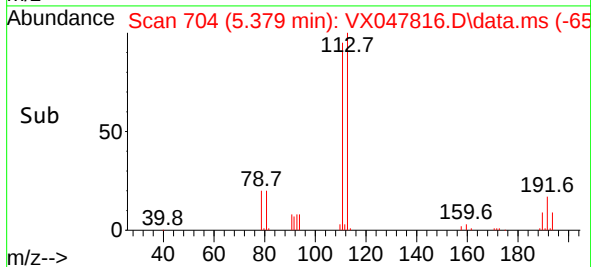
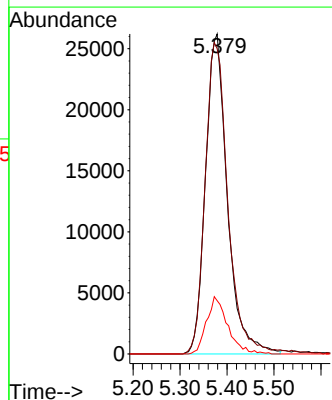
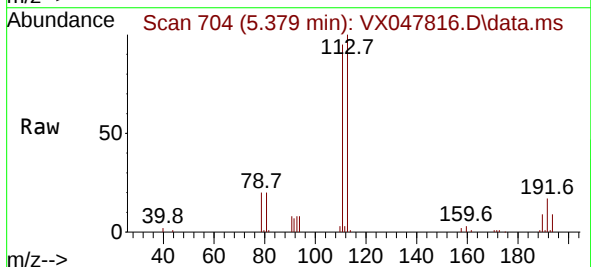
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

Tgt Ion:114 Resp: 260923
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.409 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion:113 Resp: 84710
Ion Ratio Lower Upper
113 100
111 101.2 80.9 121.3
192 17.0 14.2 21.4

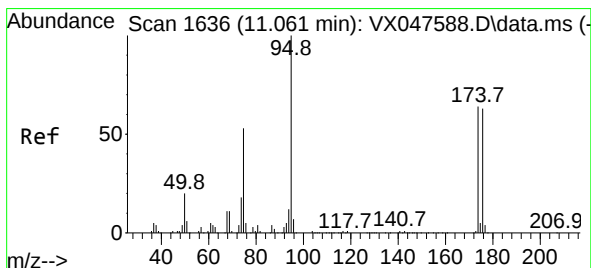
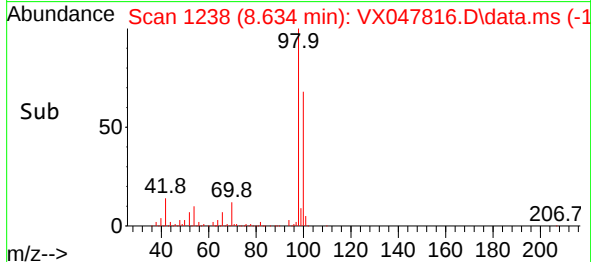
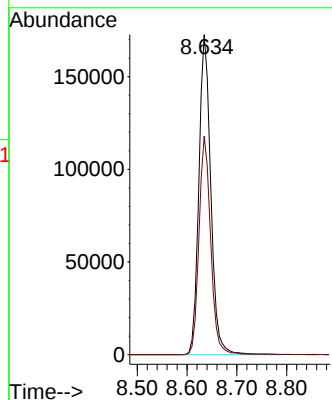
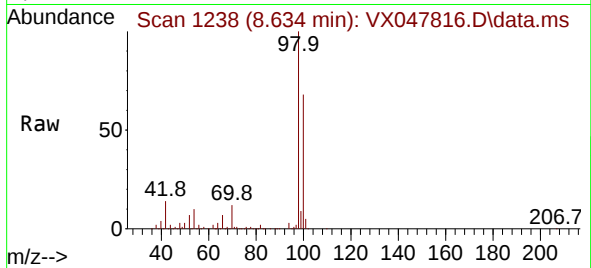




#50
Toluene-d8
Concen: 47.281 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

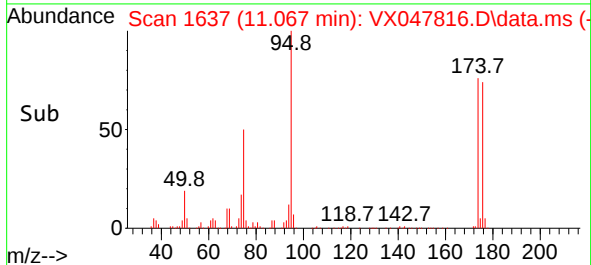
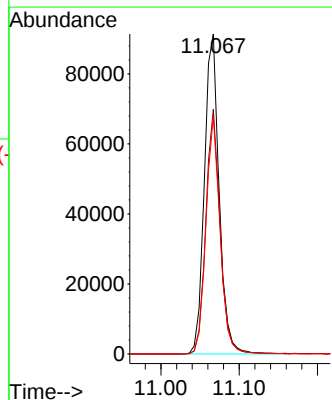
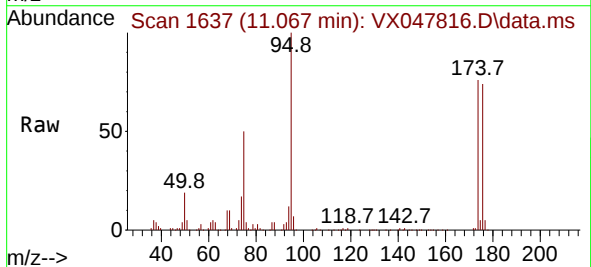
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-5-20250917

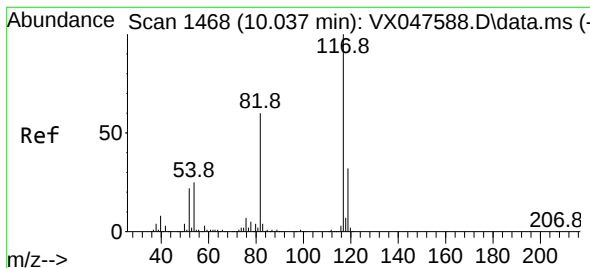
Tgt Ion: 98 Resp: 286286
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.035 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047816.D
Acq: 25 Sep 2025 16:42

Tgt Ion: 95 Resp: 119574
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 71.0 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: VX047816.D

Acq: 25 Sep 2025 16:42

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-5-20250917

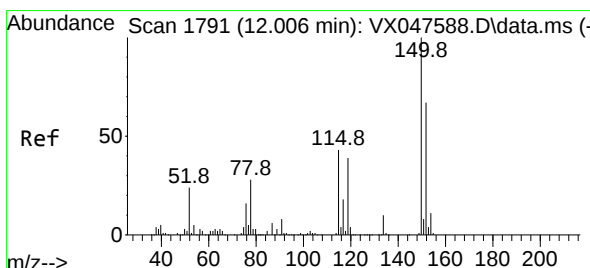
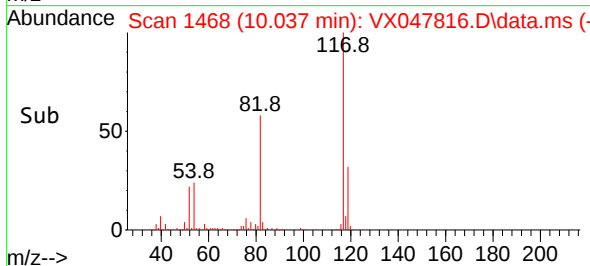
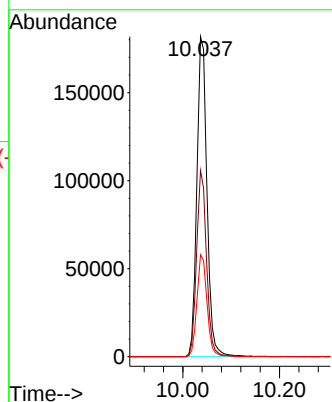
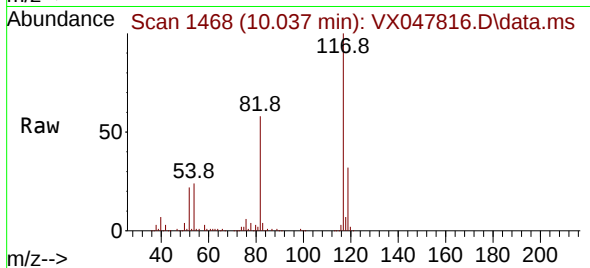
Tgt Ion:117 Resp: 263550

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 31.9 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: VX047816.D

Acq: 25 Sep 2025 16:42

Tgt Ion:152 Resp: 131658

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 156.6 0.0 352.0

