

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047813.D
 Acq On : 25 Sep 2025 15:38
 Operator : JC/MD
 Sample : Q3128-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-8-20250916

Quant Time: Sep 26 01:29:53 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	119014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98487	51.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.980%
35) Dibromofluoromethane	5.373	113	83577	49.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.700%
50) Toluene-d8	8.635	98	282682	48.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.067	95	118204	53.689	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.380%

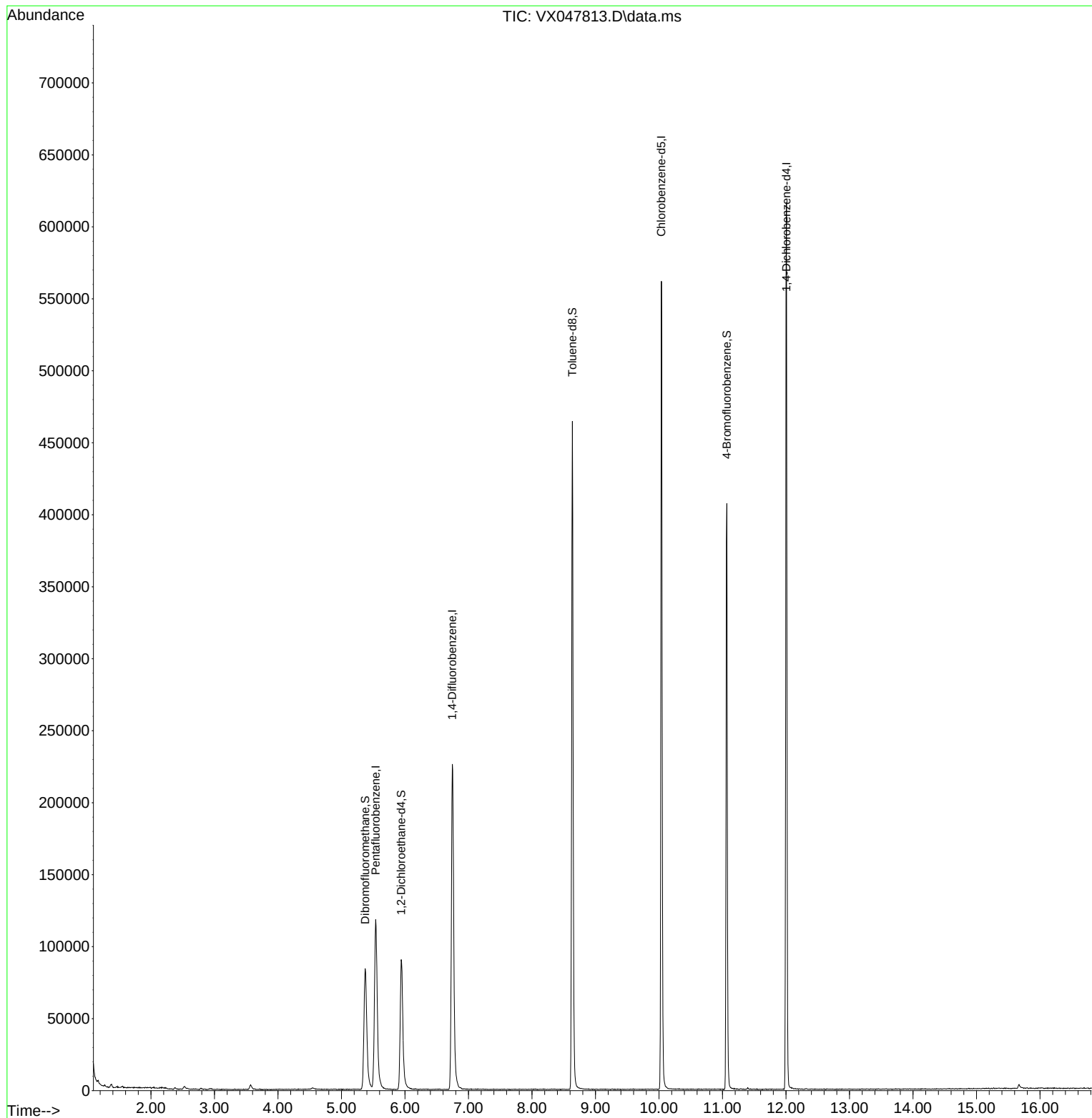
Target Compounds	Qvalue

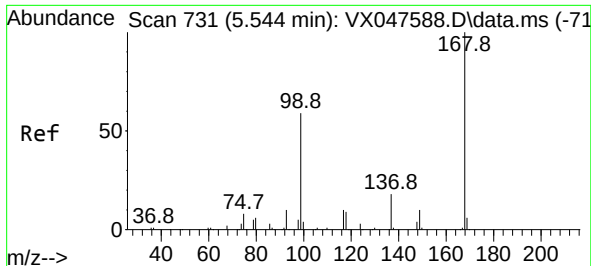
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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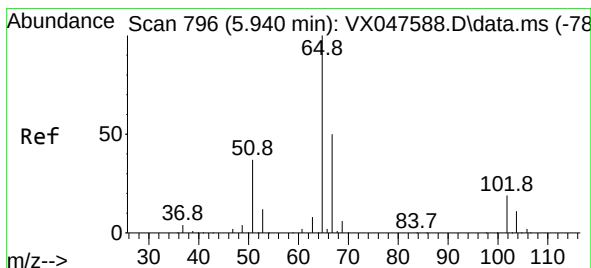
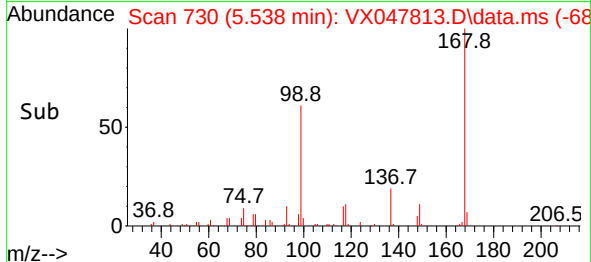
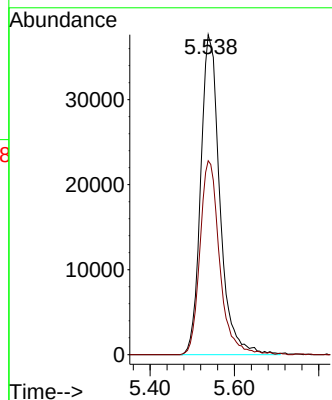
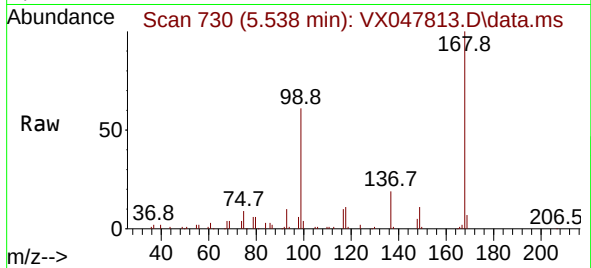




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

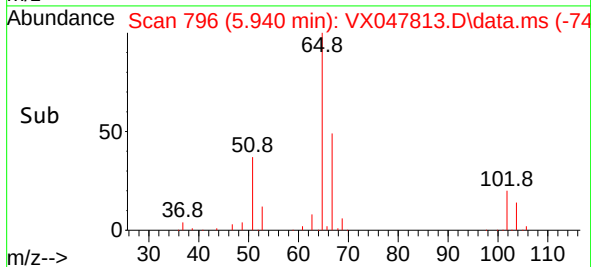
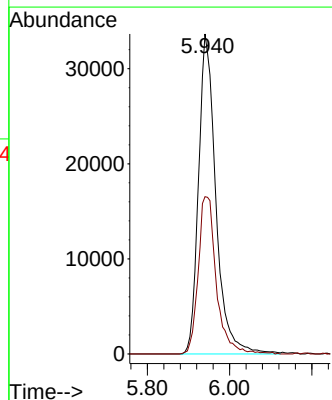
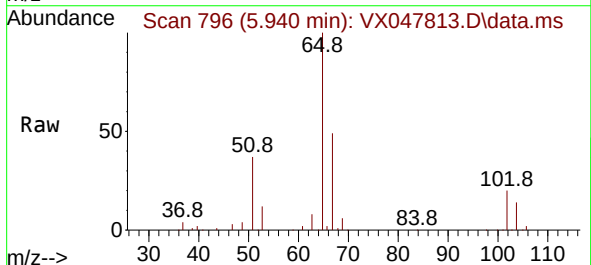
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250916

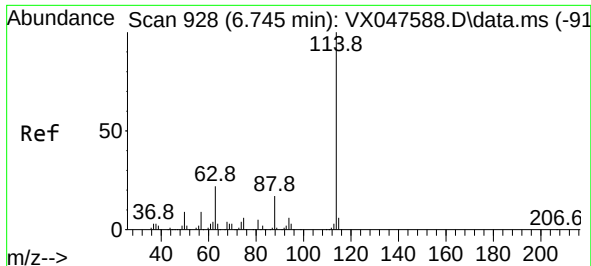
Tgt Ion:168 Resp: 119014
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.988 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Tgt Ion: 65 Resp: 98487
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

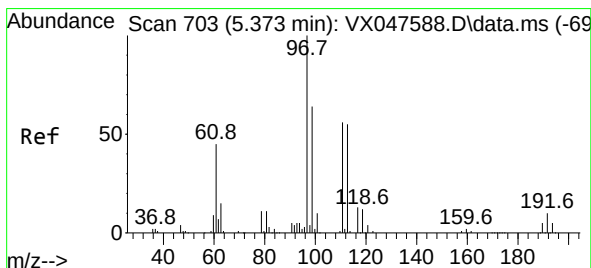
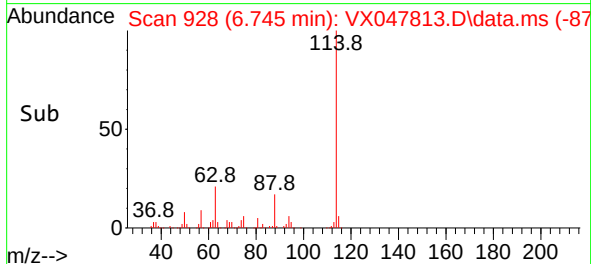
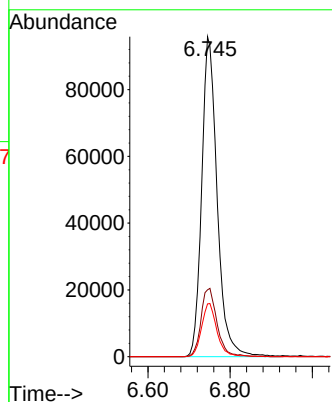
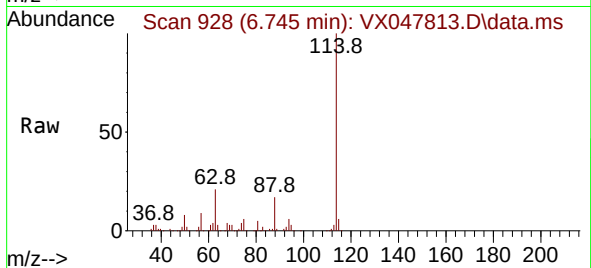




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

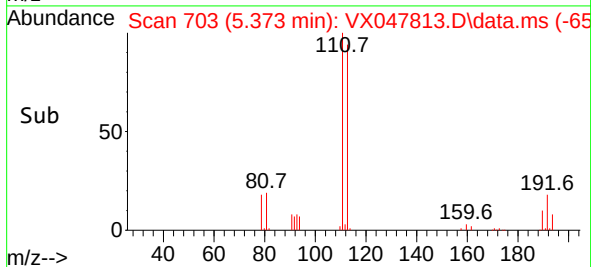
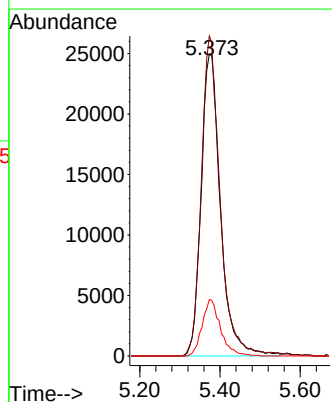
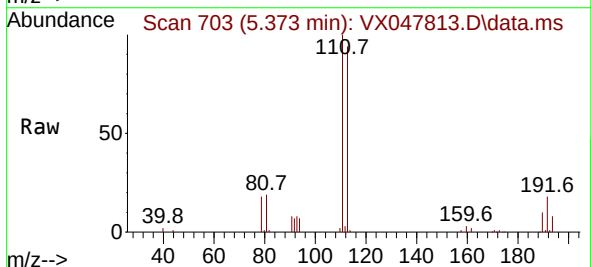
Instrument :
MSVOA_X
ClientSampleId :
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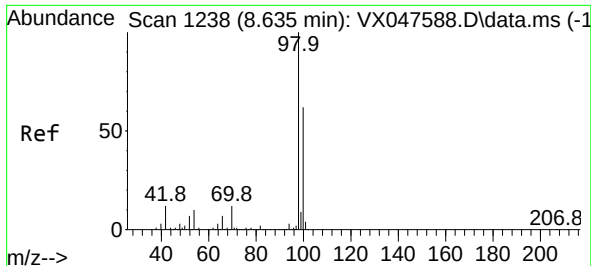
Tgt Ion:114 Resp: 249986
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.851 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Tgt Ion:113 Resp: 83577
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 17.7 14.2 21.4

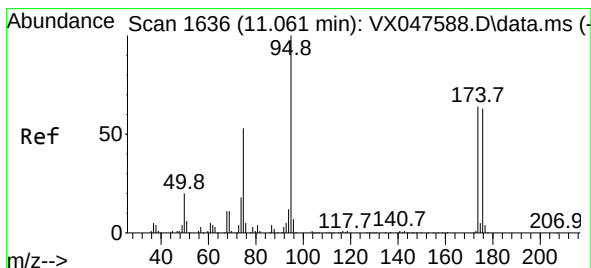
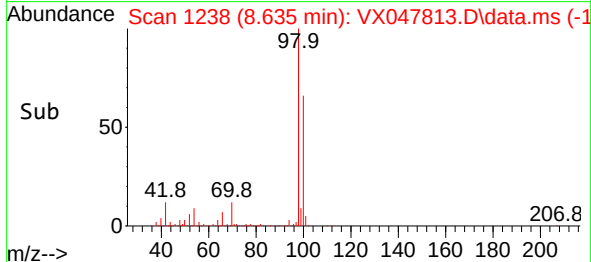
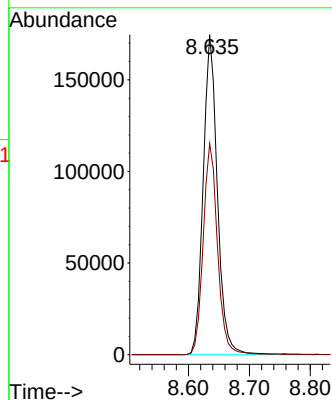
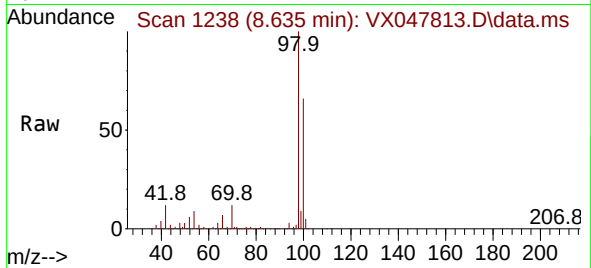




#50
Toluene-d8
Concen: 48.728 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

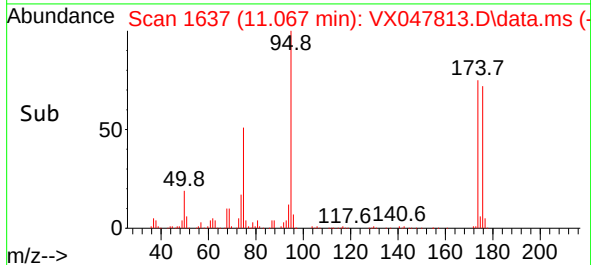
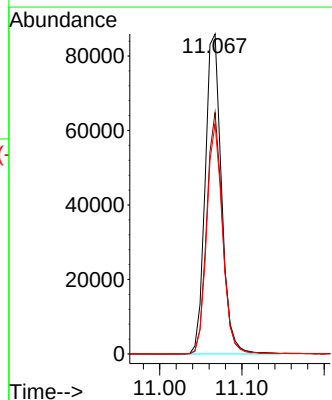
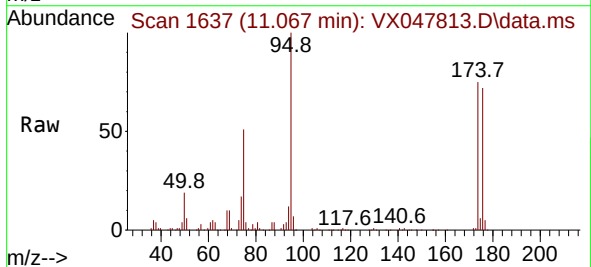
Instrument :
MSVOA_X
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BPOW6-8-20250916

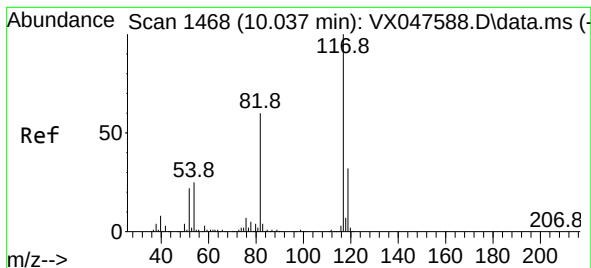
Tgt Ion: 98 Resp: 282682
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.689 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047813.D
Acq: 25 Sep 2025 15:38

Tgt Ion: 95 Resp: 118204
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 70.2 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: VX047813.D

Acq: 25 Sep 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-8-20250916

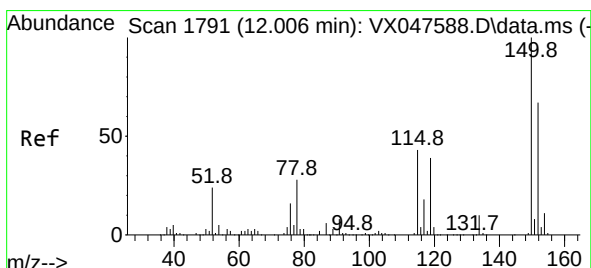
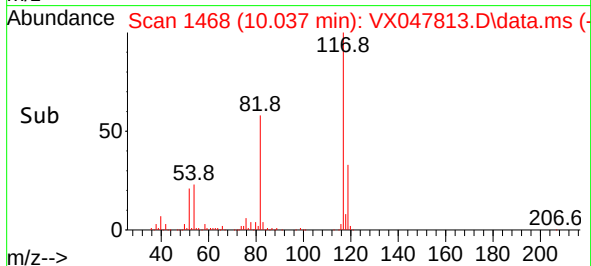
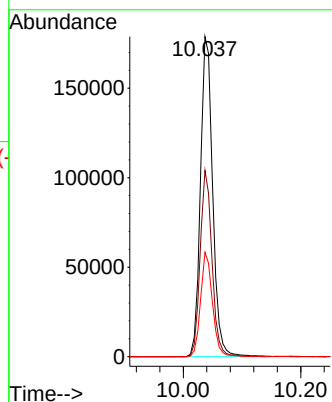
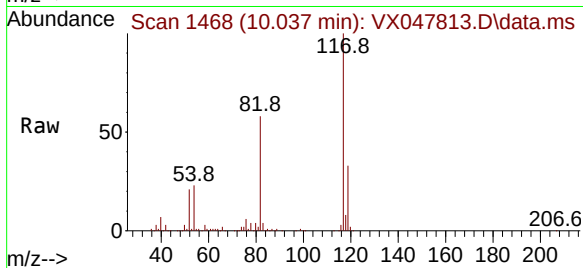
Tgt Ion:117 Resp: 257664

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 32.6 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: VX047813.D

Acq: 25 Sep 2025 15:38

Tgt Ion:152 Resp: 128316

Ion Ratio Lower Upper

152 100

115 60.2 44.9 134.5

150 158.3 0.0 352.0

