

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047819.D
 Acq On : 25 Sep 2025 17:45
 Operator : JC/MD
 Sample : Q3127-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20250917

Quant Time: Sep 26 01:32:36 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	187193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	406514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	412777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	206806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	162355	54.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.980%
35) Dibromofluoromethane	5.373	113	137838	50.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.120%
50) Toluene-d8	8.635	98	485212	51.435	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.860%
62) 4-Bromofluorobenzene	11.061	95	204571	57.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.280%

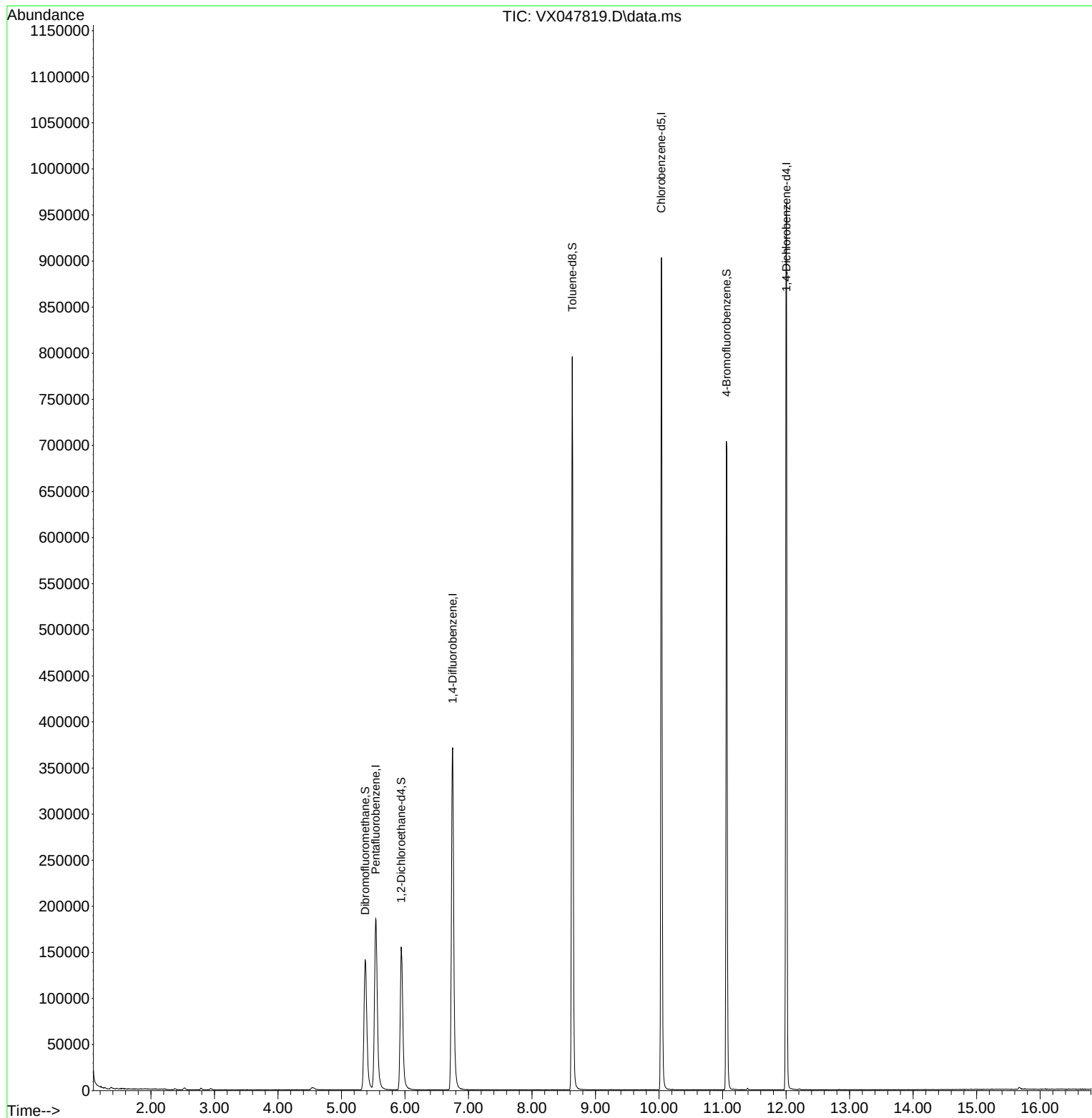
Target Compounds	Qvalue

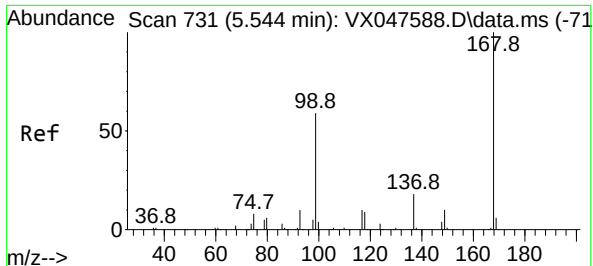
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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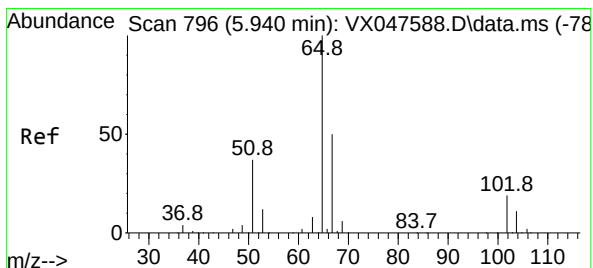
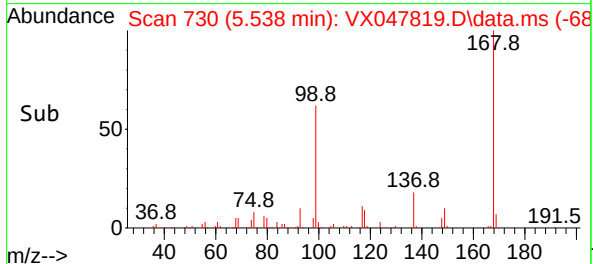
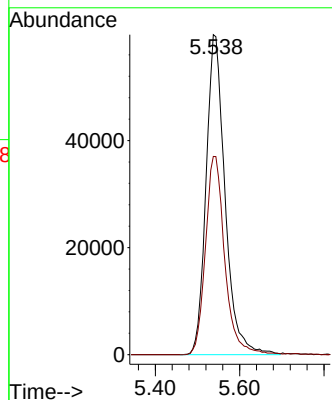
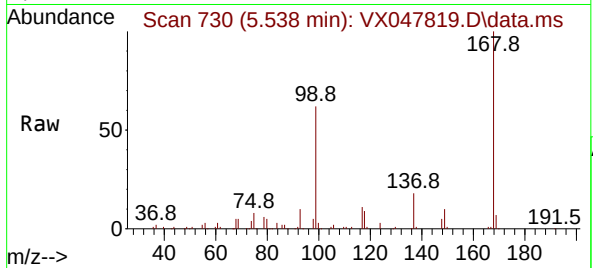




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

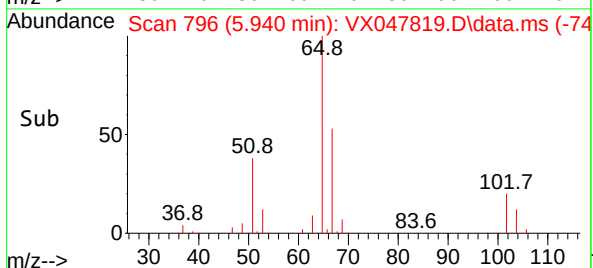
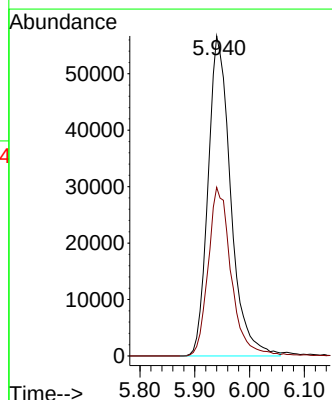
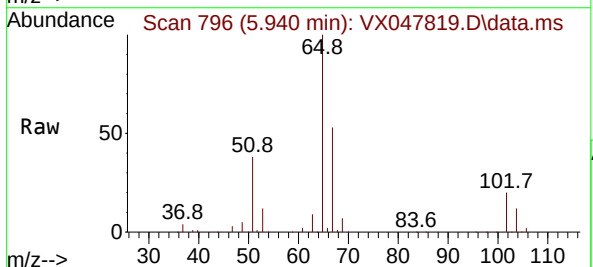
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250917

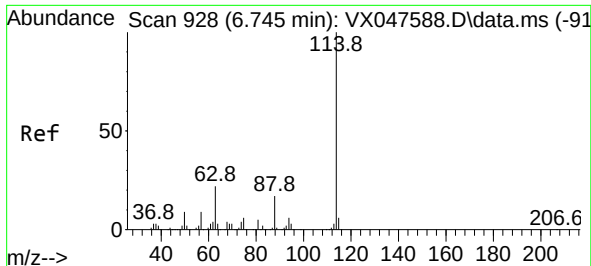
Tgt Ion:168 Resp: 187193
Ion Ratio Lower Upper
168 100
99 61.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.488 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion: 65 Resp: 162355
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

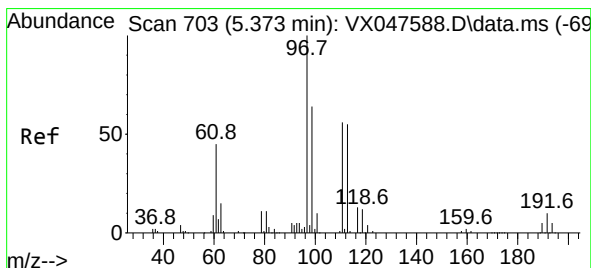
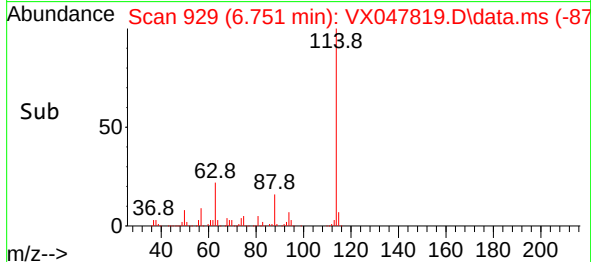
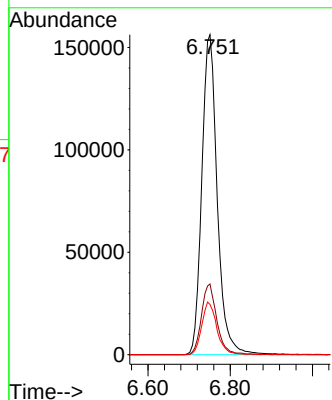
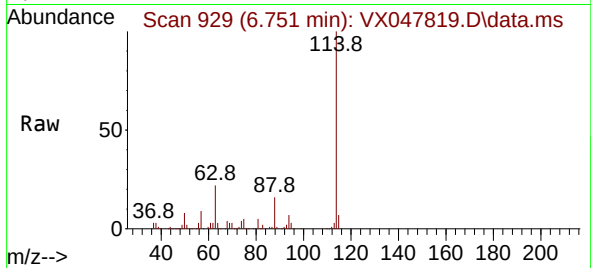




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

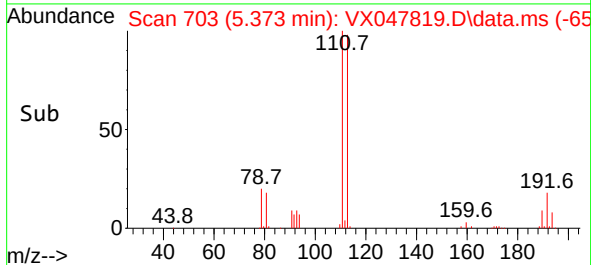
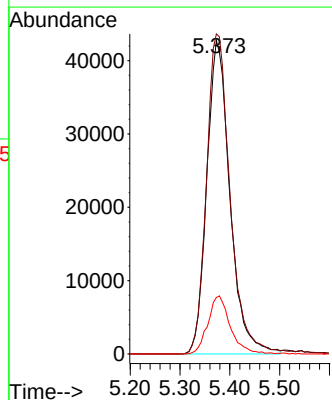
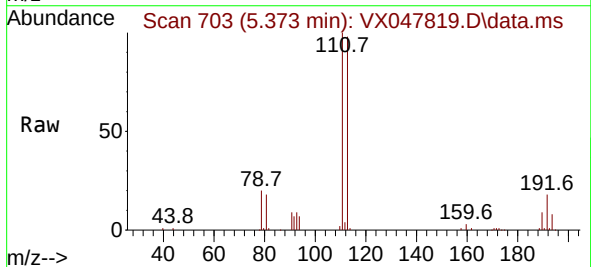
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250917

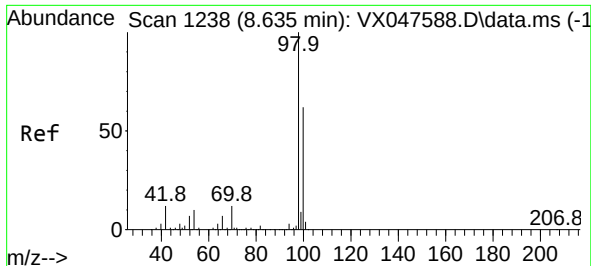
Tgt Ion:114 Resp: 406514
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion:113 Resp: 137838
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.0 14.2 21.4

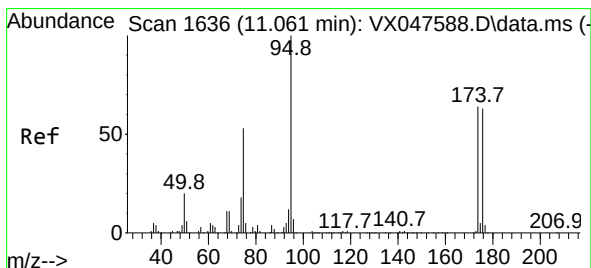
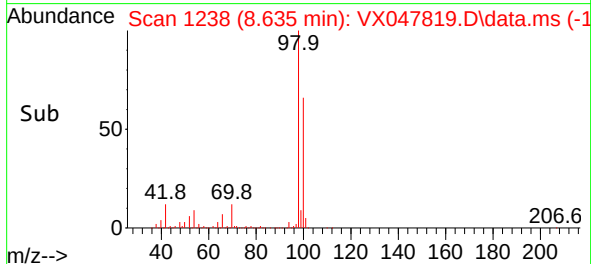
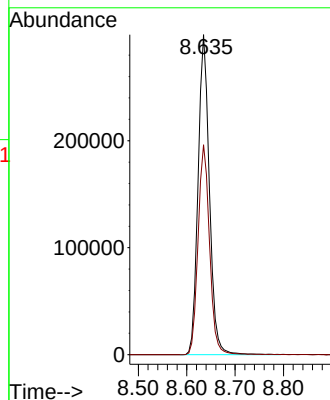
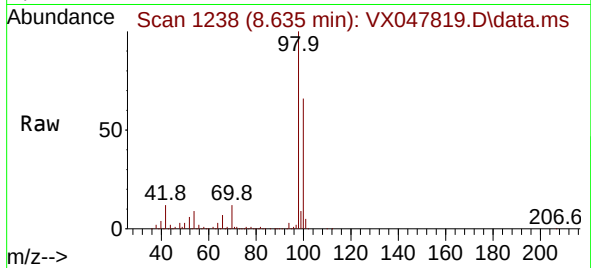




#50
Toluene-d8
Concen: 51.435 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

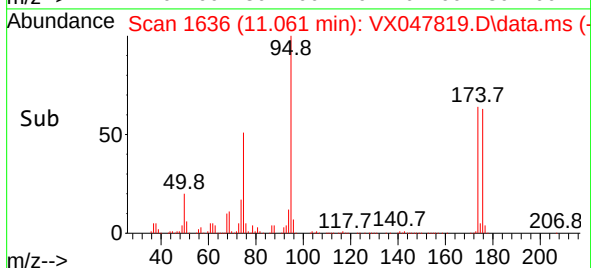
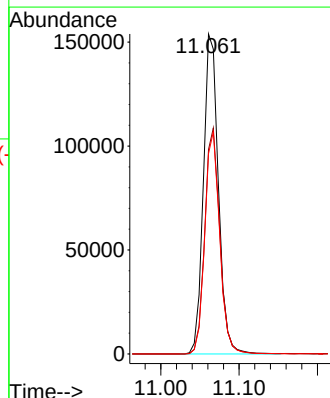
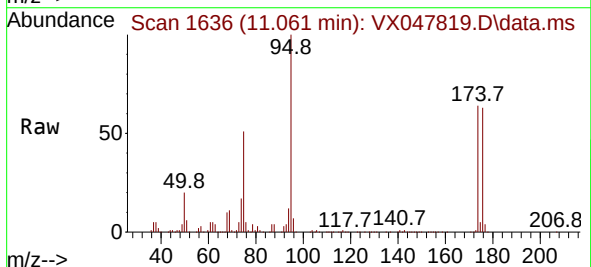
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250917

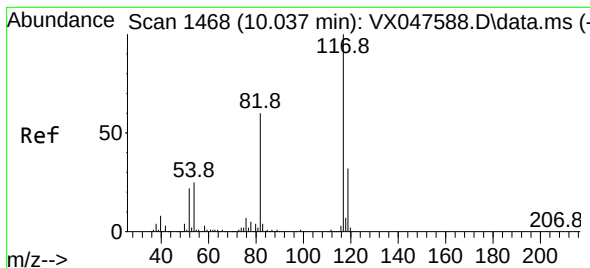
Tgt Ion: 98 Resp: 485212
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.139 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047819.D
Acq: 25 Sep 2025 17:45

Tgt Ion: 95 Resp: 204571
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.6
176 69.0 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: VX047819.D

Acq: 25 Sep 2025 17:45

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-7-20250917

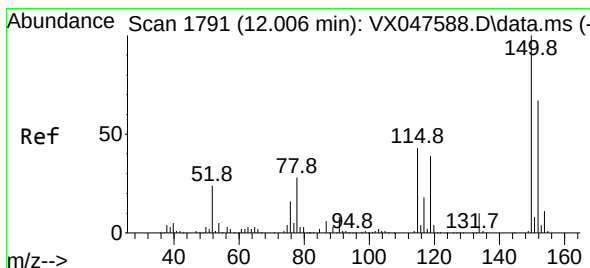
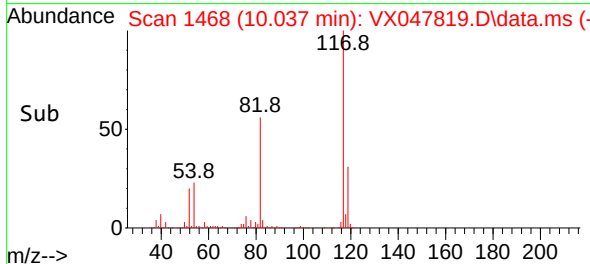
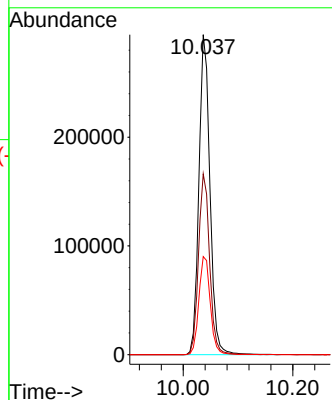
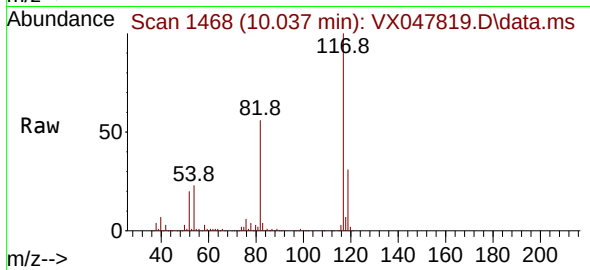
Tgt Ion:117 Resp: 412777

Ion Ratio Lower Upper

117 100

82 56.5 47.8 71.6

119 30.6 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: VX047819.D

Acq: 25 Sep 2025 17:45

Tgt Ion:152 Resp: 206806

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 152.3 0.0 352.0

