

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047897.D
 Acq On : 30 Sep 2025 09:48
 Operator : JC/MD
 Sample : VX0930MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930MBL01

Quant Time: Oct 01 01:04:02 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	5.532	168	107169	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	221661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	95883	56.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.420%
35) Dibromofluoromethane	5.367	113	79611	53.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.100%
50) Toluene-d8	8.635	98	274975	53.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.920%
62) 4-Bromofluorobenzene	11.061	95	112606	57.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.360%

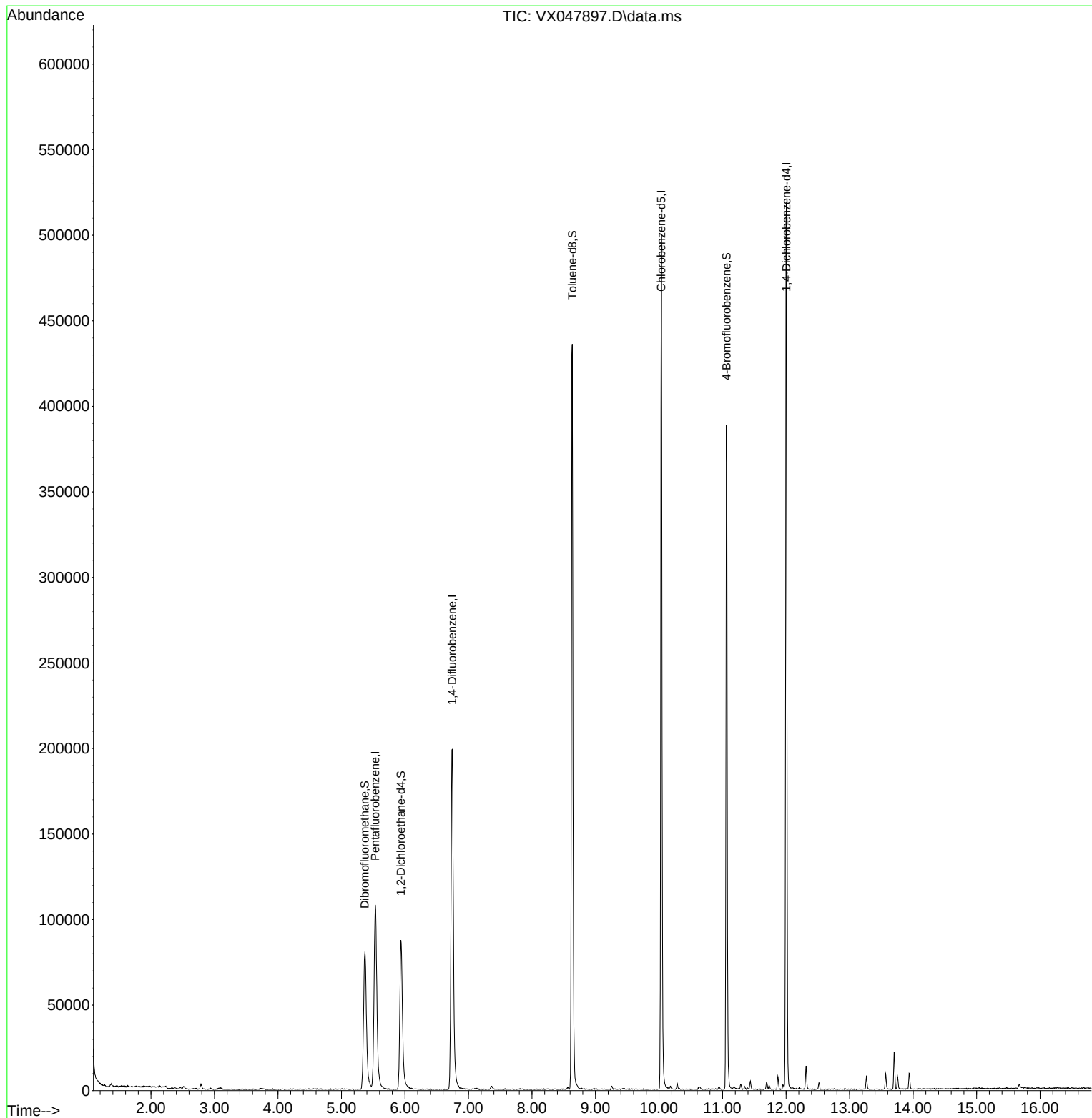
Target Compounds	Qvalue

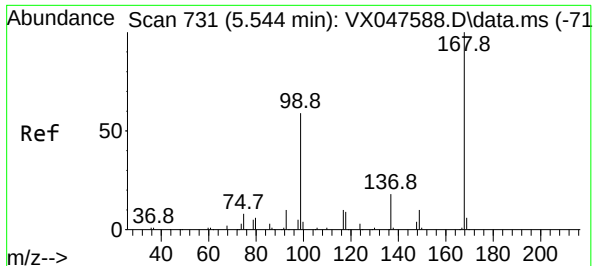
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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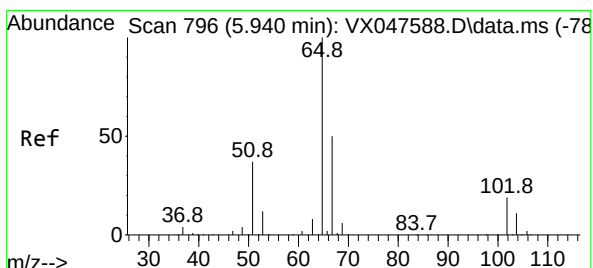
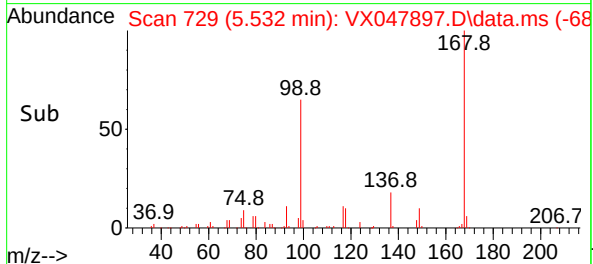
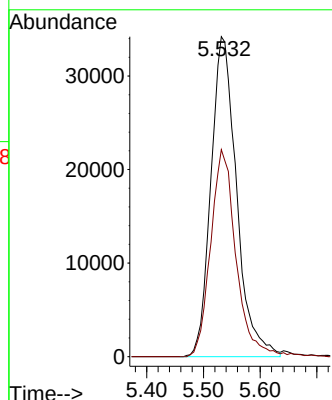
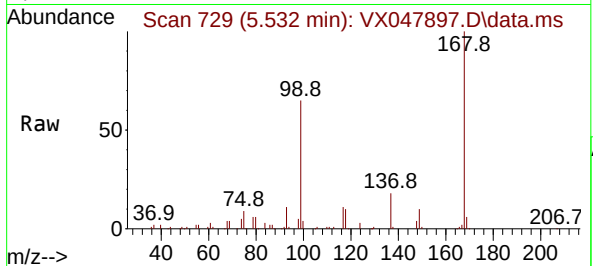




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047897.D
Acq: 30 Sep 2025 09:48

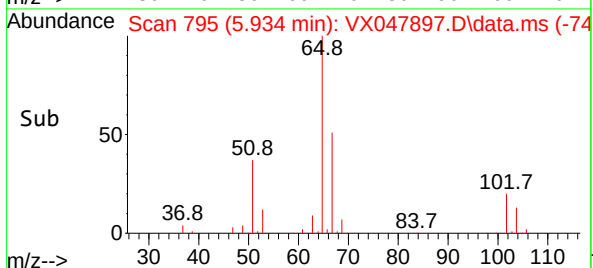
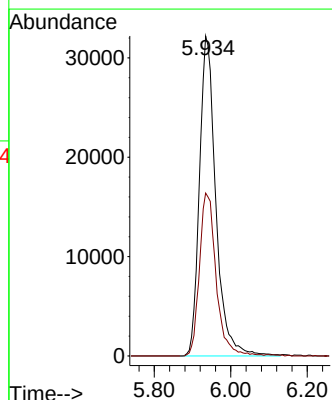
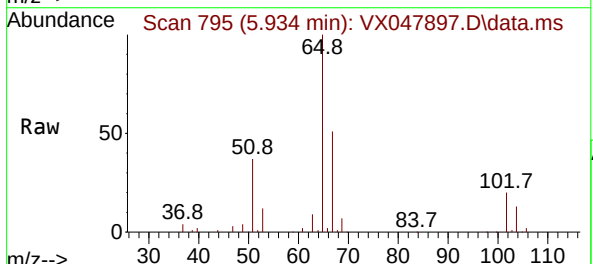
Instrument :
MSVOA_X
ClientSampleId :
VX0930MBL01

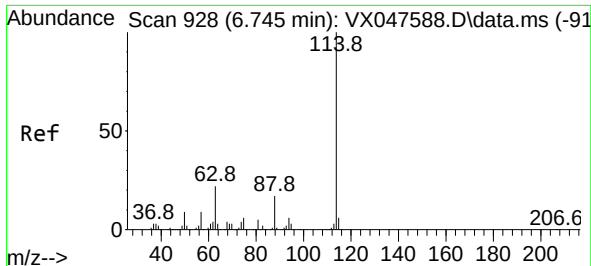
Tgt Ion:168 Resp: 107169
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 56.208 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047897.D
Acq: 30 Sep 2025 09:48

Tgt Ion: 65 Resp: 95883
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

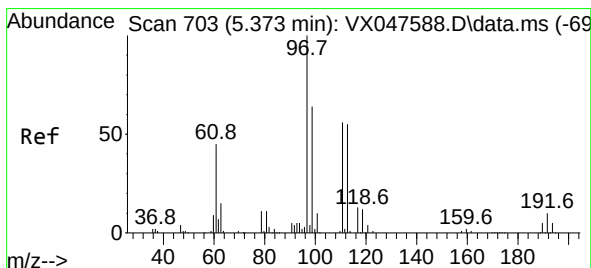
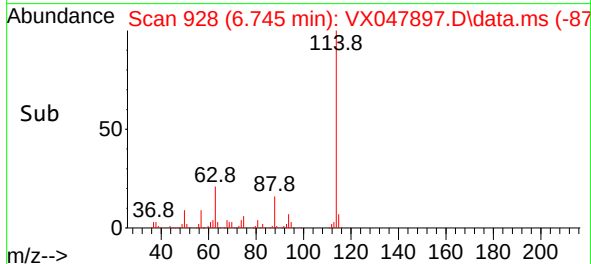
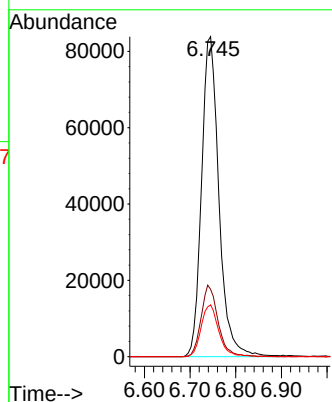
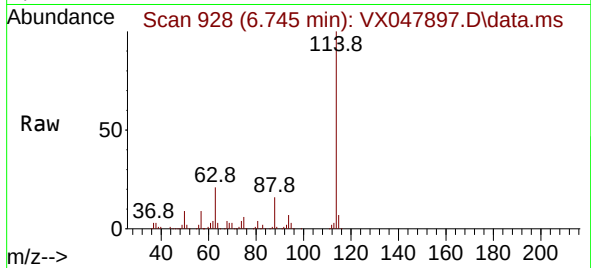




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047897.D
Acq: 30 Sep 2025 09:48

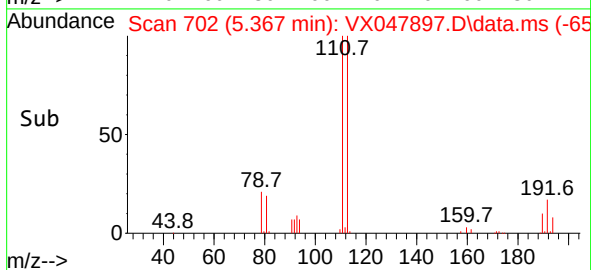
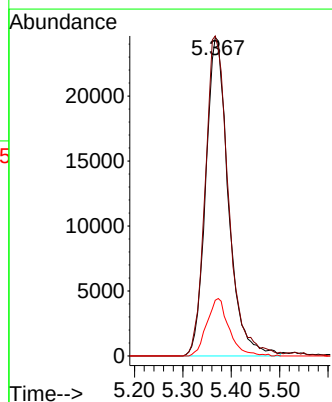
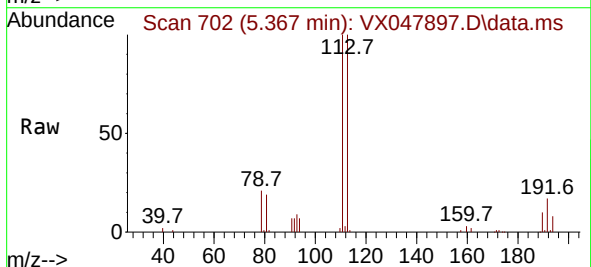
Instrument :
MSVOA_X
ClientSampleId :
VX0930MBL01

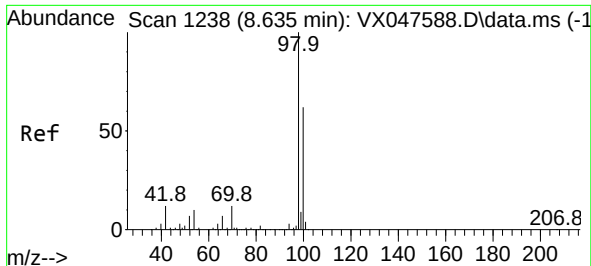
Tgt Ion:114 Resp: 221661
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 53.553 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047897.D
Acq: 30 Sep 2025 09:48

Tgt Ion:113 Resp: 79611
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 17.7 14.2 21.4

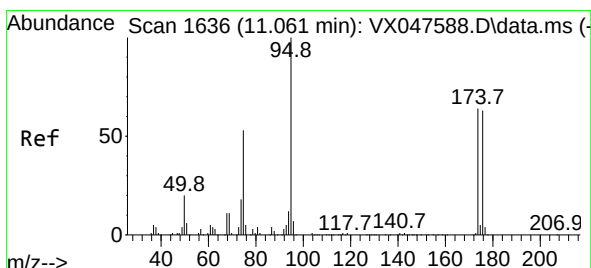
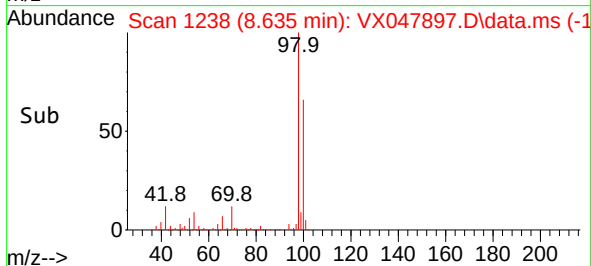
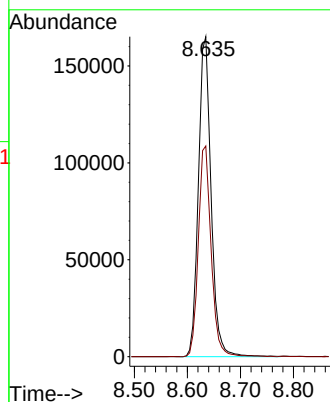
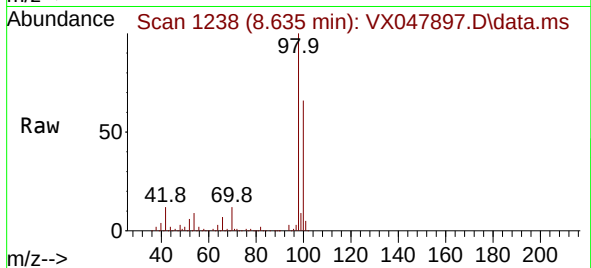




#50
Toluene-d8
Concen: 53.457 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047897.D
Acq: 30 Sep 2025 09:48

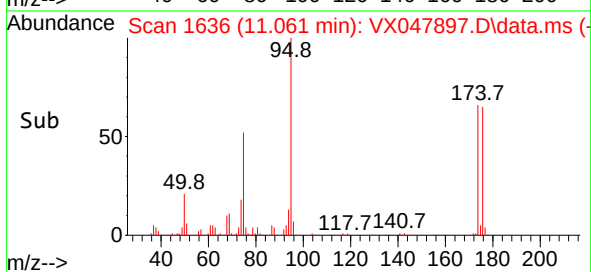
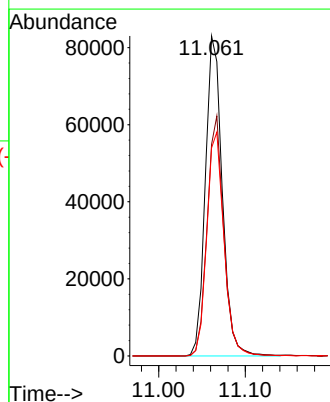
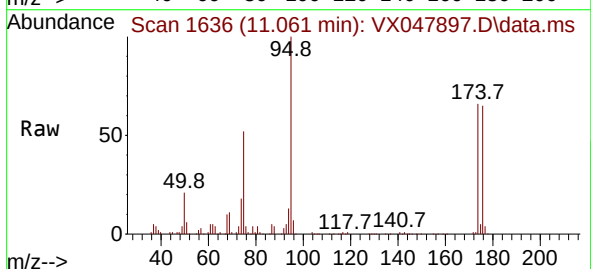
Instrument :
MSVOA_X
ClientSampleId :
VX0930MBL01

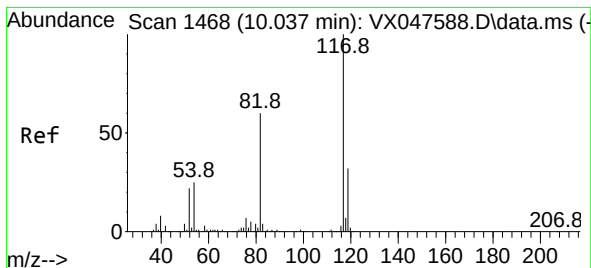
Tgt Ion: 98 Resp: 274975
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.682 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047897.D
Acq: 30 Sep 2025 09:48

Tgt Ion: 95 Resp: 112606
Ion Ratio Lower Upper
95 100
174 73.9 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: VX047897.D

Acq: 30 Sep 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0930MBL01

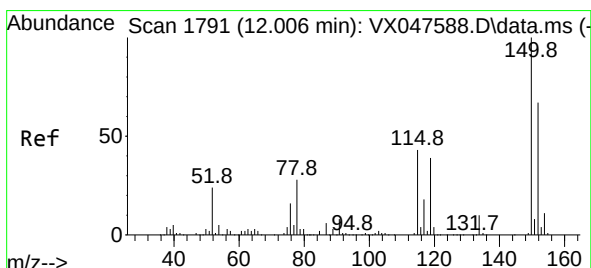
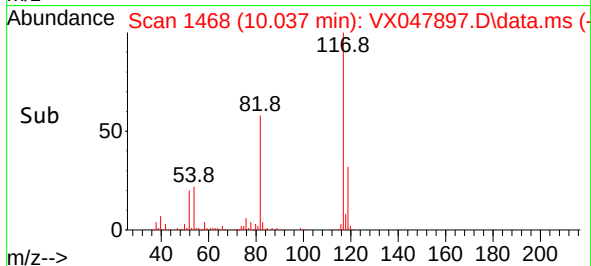
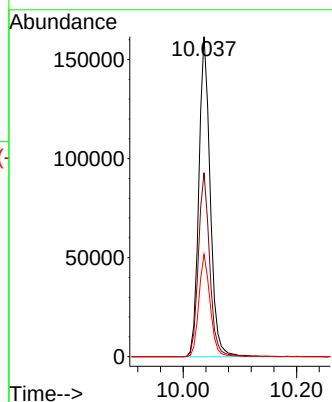
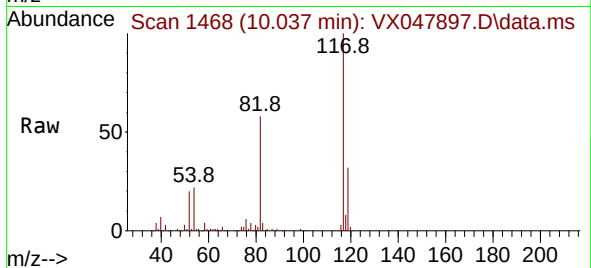
Tgt Ion:117 Resp: 224146

Ion Ratio Lower Upper

117 100

82 57.5 47.8 71.6

119 32.0 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: VX047897.D

Acq: 30 Sep 2025 09:48

Tgt Ion:152 Resp: 108964

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 157.1 0.0 352.0

