

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048356.D
 Acq On : 27 Oct 2025 09:37
 Operator : JC/MD
 Sample : VX1027WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBL01

Quant Time: Oct 28 01:47:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.525	168	108748	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.739	114	209060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	200526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	91743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	80044	52.497	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.000%
35) Dibromofluoromethane	5.361	113	57511	40.295	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.600%
50) Toluene-d8	8.629	98	224858	44.948	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.900%#
62) 4-Bromofluorobenzene	11.061	95	89353	46.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.900%

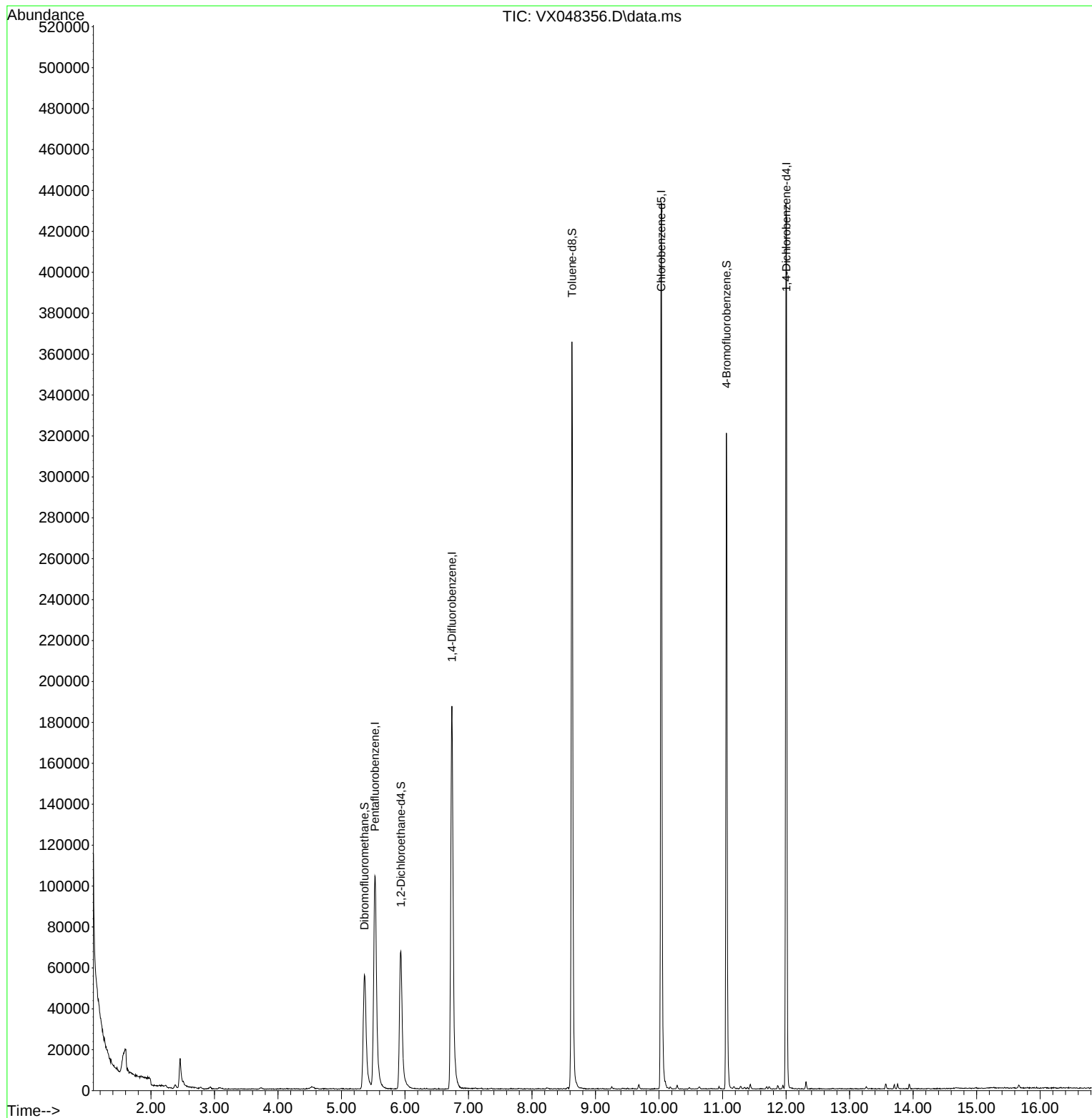
Target Compounds	Qvalue

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

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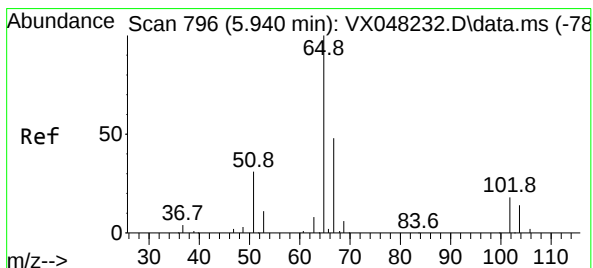
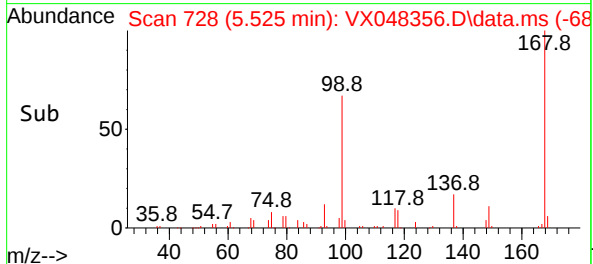
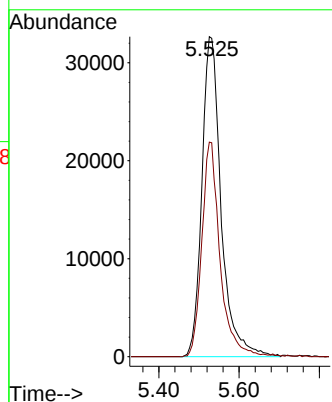
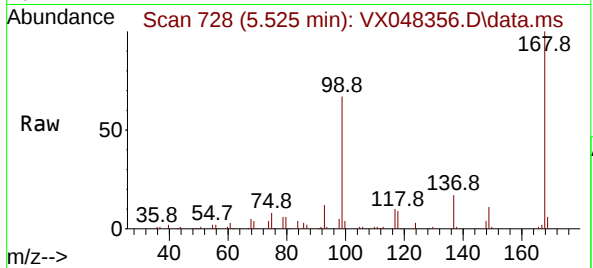




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.019 min
Lab File: VX048356.D
Acq: 27 Oct 2025 09:37

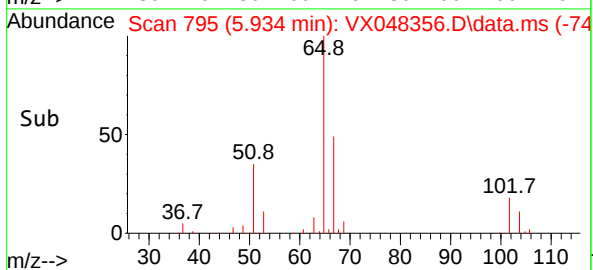
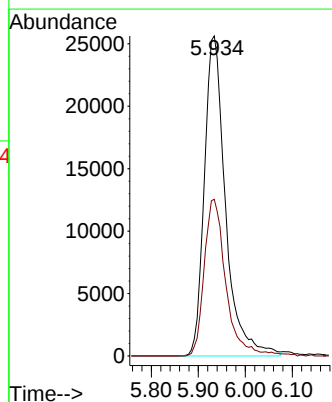
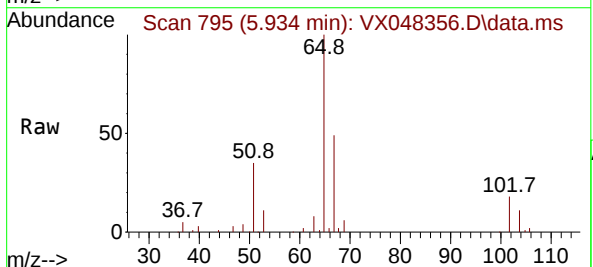
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

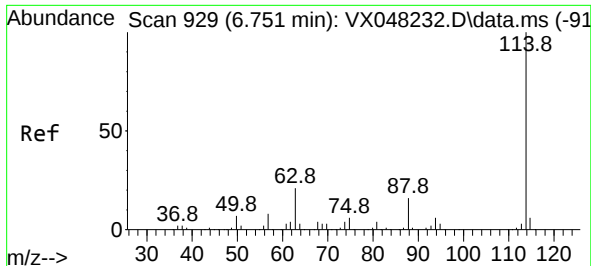
Tgt Ion:168 Resp: 108748
Ion Ratio Lower Upper
168 100
99 67.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.497 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048356.D
Acq: 27 Oct 2025 09:37

Tgt Ion: 65 Resp: 80044
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.0

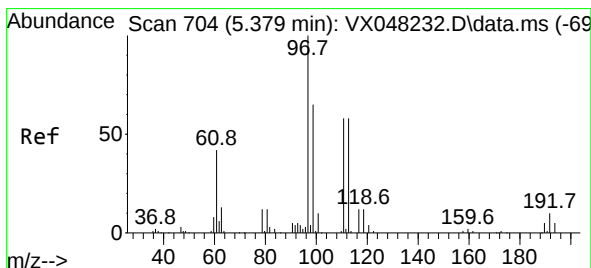
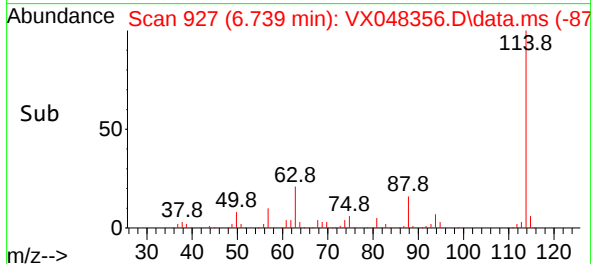
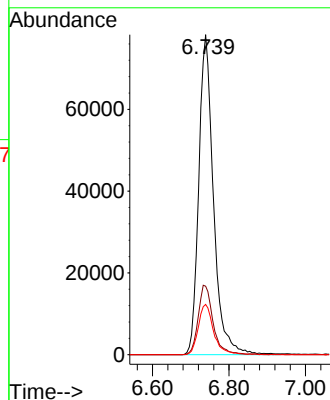
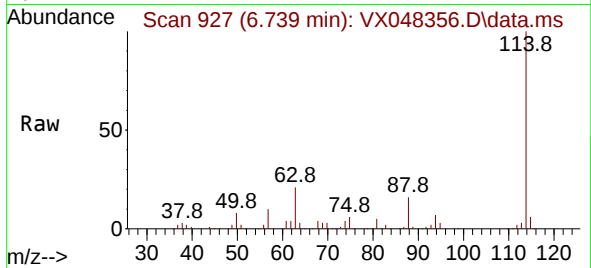




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048356.D
Acq: 27 Oct 2025 09:37

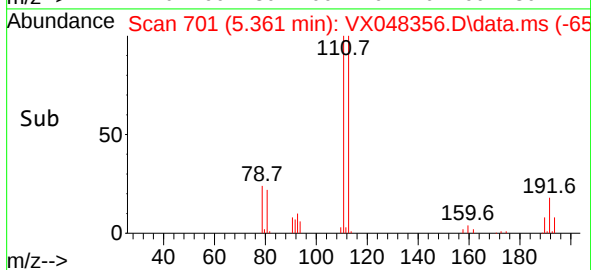
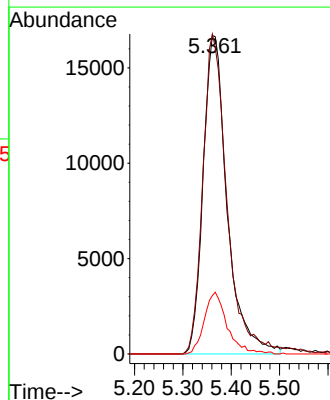
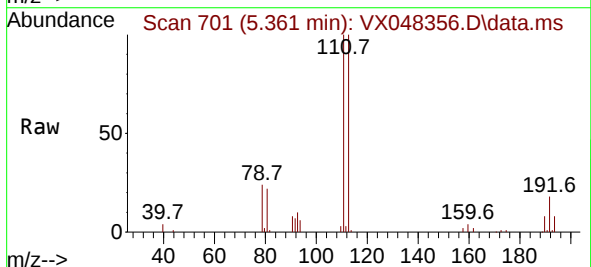
Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

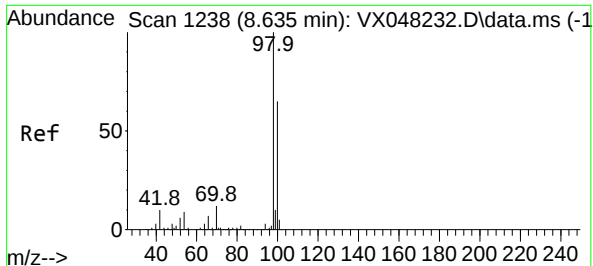
Tgt Ion:114 Resp: 209060
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 15.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 40.295 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048356.D
Acq: 27 Oct 2025 09:37

Tgt Ion:113 Resp: 57511
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.5 15.1 22.7





#50

Toluene-d8

Concen: 44.948 ug/l

RT: 8.629 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048356.D

Acq: 27 Oct 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

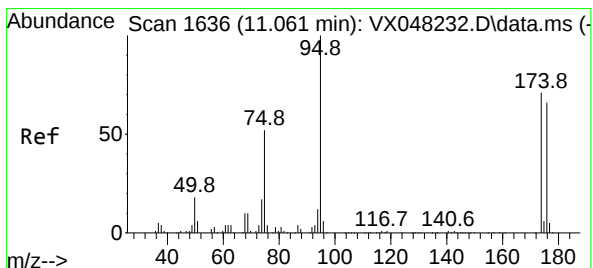
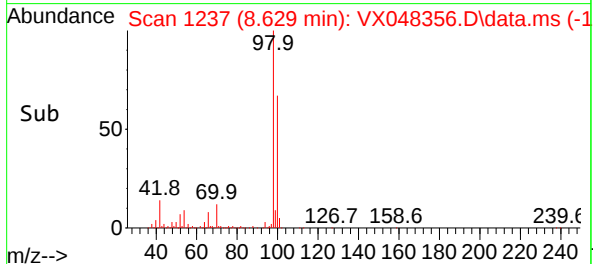
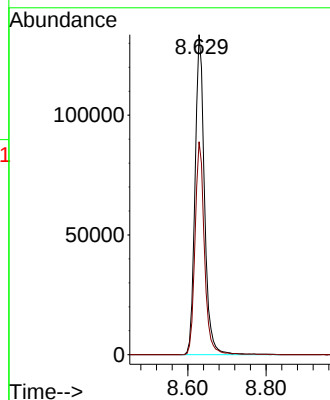
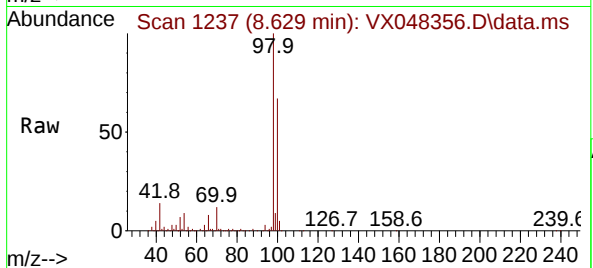
VX1027WBL01

Tgt Ion: 98 Resp: 224858

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 46.950 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048356.D

Acq: 27 Oct 2025 09:37

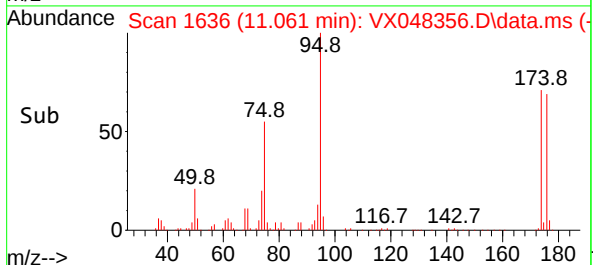
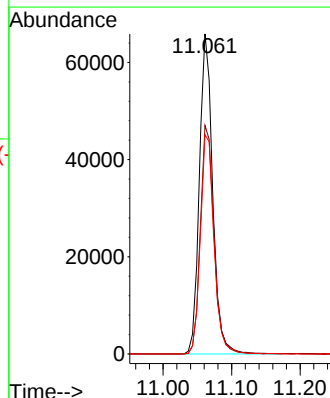
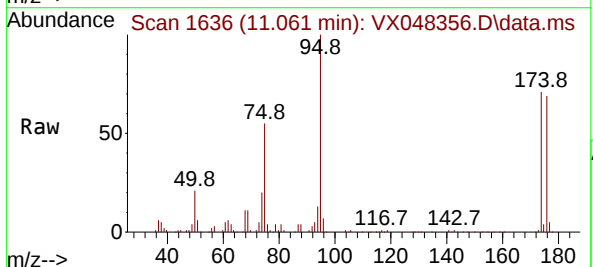
Tgt Ion: 95 Resp: 89353

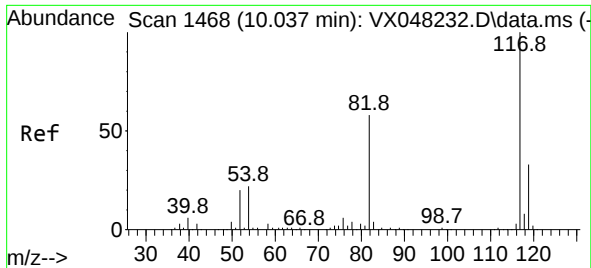
Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.8

176 70.3 0.0 142.8

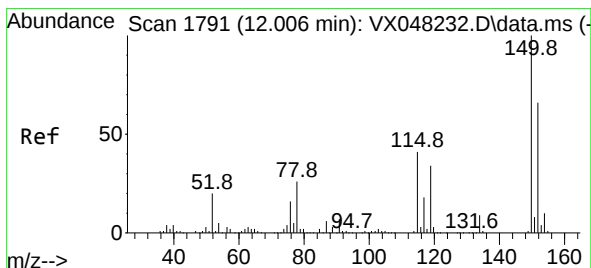
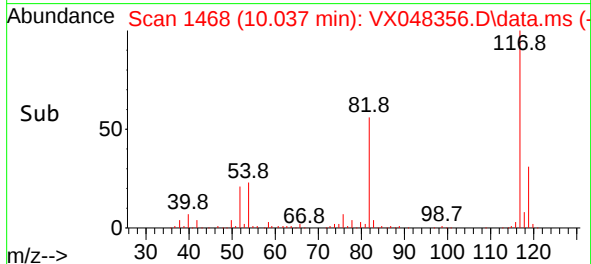
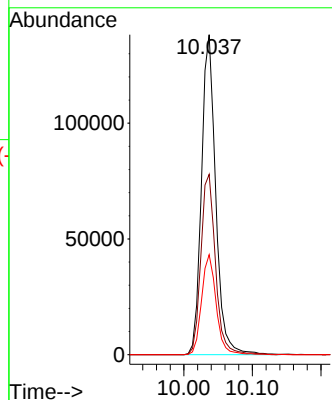
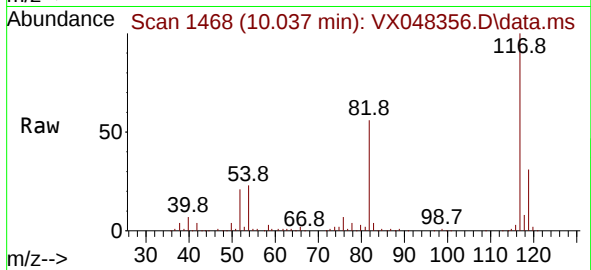




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048356.D
Acq: 27 Oct 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBL01

Tgt Ion:117 Resp: 200526
Ion Ratio Lower Upper
117 100
82 56.4 46.5 69.7
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048356.D
Acq: 27 Oct 2025 09:37

Tgt Ion:152 Resp: 91743
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 153.9 0.0 353.0

