

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048253.D
 Acq On : 21 Oct 2025 09:12
 Operator : JC/MD
 Sample : VX1021MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021MBL01

Quant Time: Oct 24 04:22:20 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	5.538	168	91961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	178643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	183312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	62909	48.791	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.367	113	54167	44.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.820%
50) Toluene-d8	8.635	98	188946	44.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.400%#
62) 4-Bromofluorobenzene	11.061	95	80532	49.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.040%

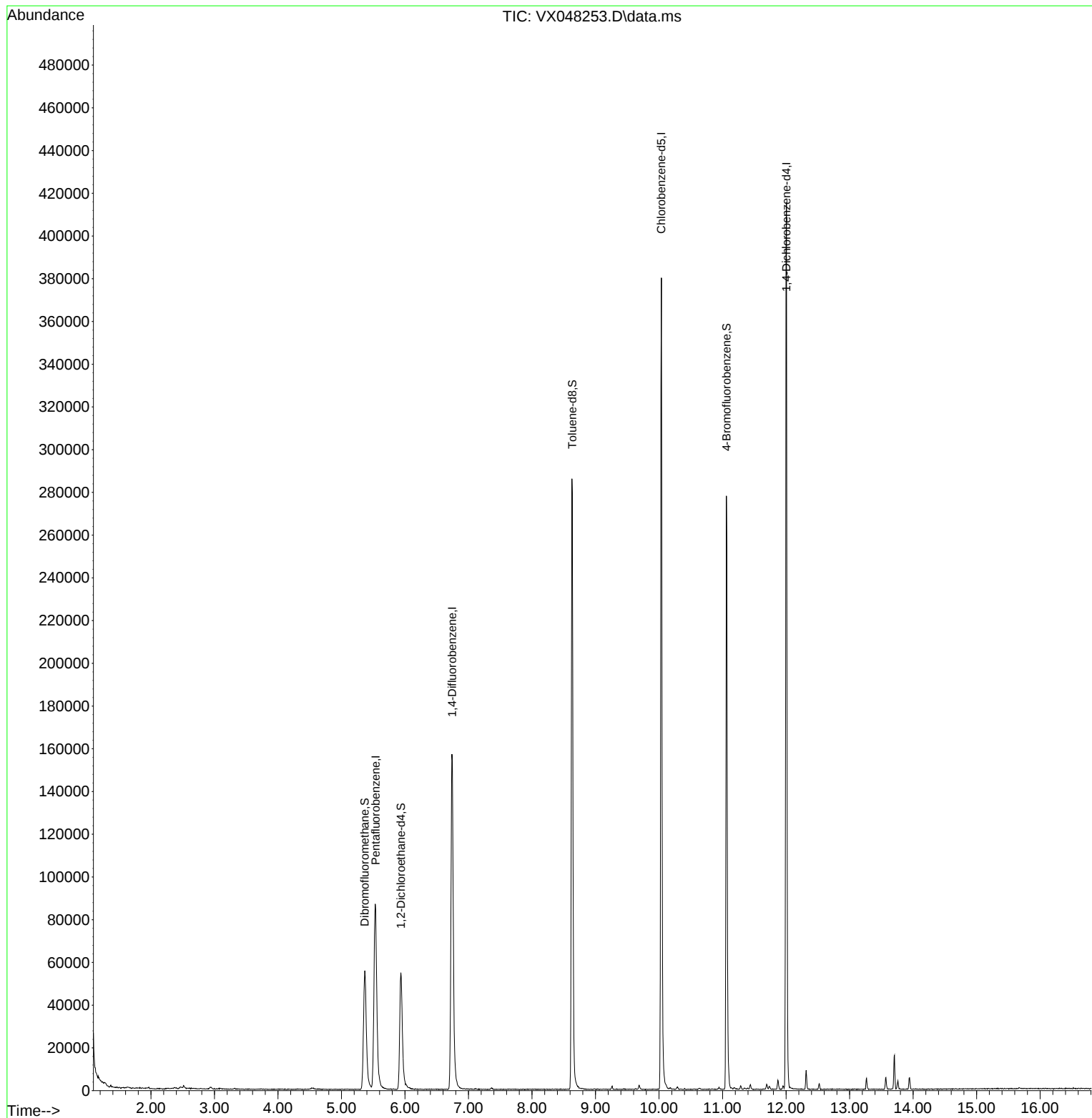
Target Compounds	Qvalue

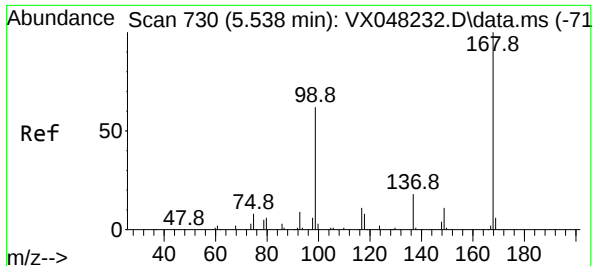
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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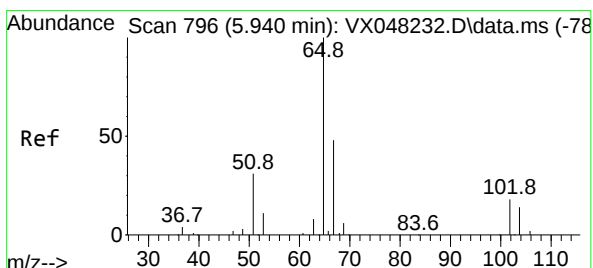
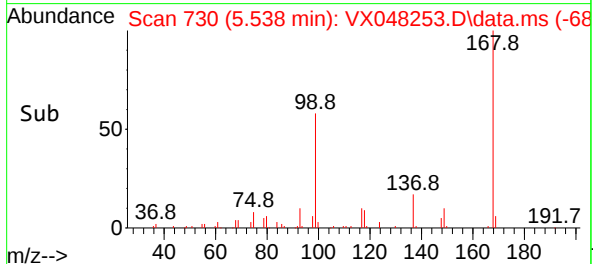
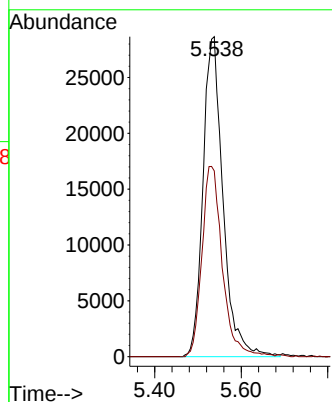
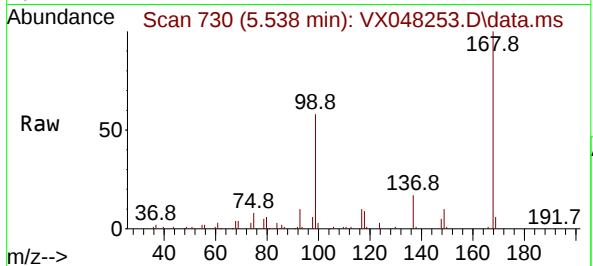




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048253.D
Acq: 21 Oct 2025 09:12

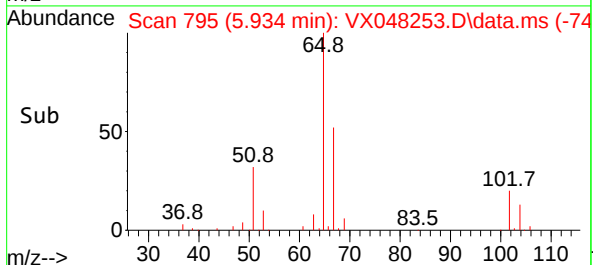
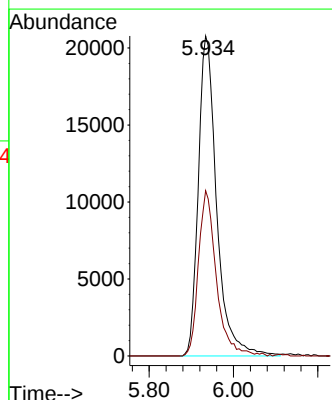
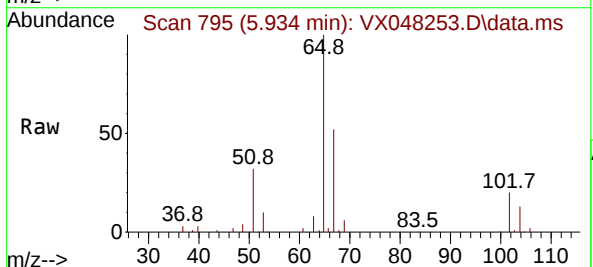
Instrument :
MSVOA_X
ClientSampleId :
VX1021MBL01

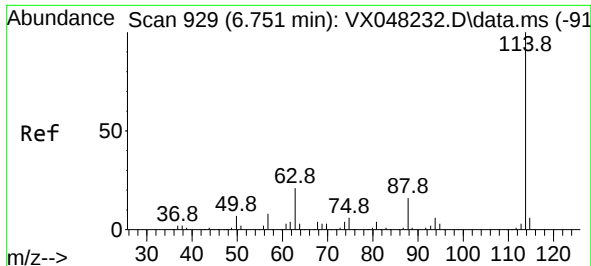
Tgt Ion:168 Resp: 91961
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 48.791 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048253.D
Acq: 21 Oct 2025 09:12

Tgt Ion: 65 Resp: 62909
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.0

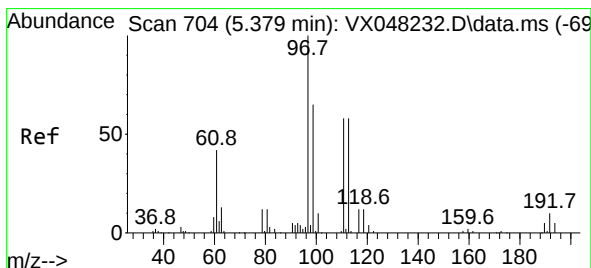
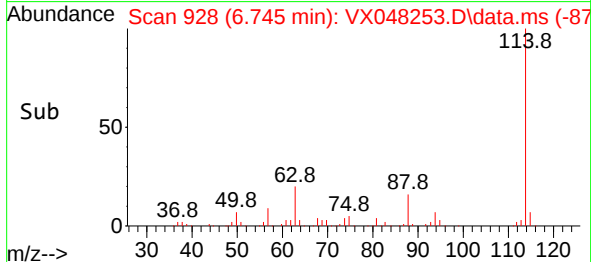
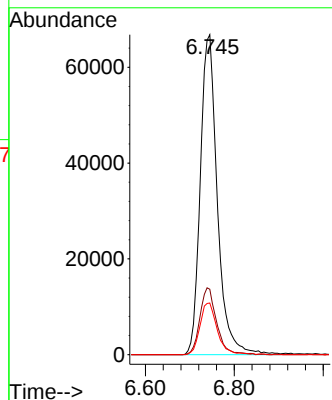
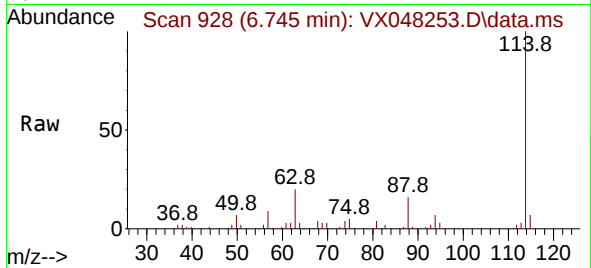




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048253.D
Acq: 21 Oct 2025 09:12

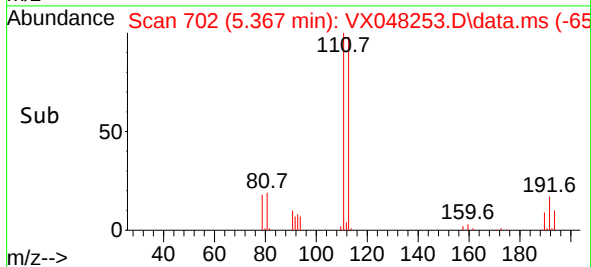
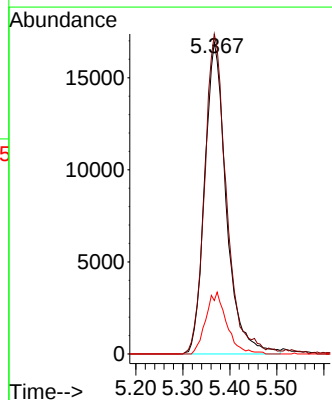
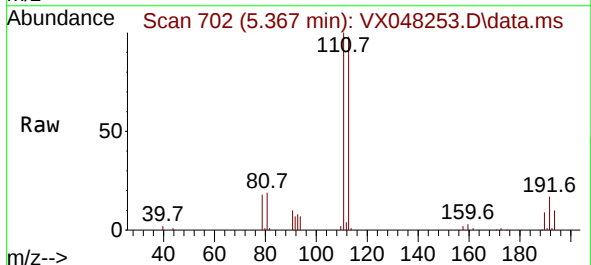
Instrument :
MSVOA_X
ClientSampleId :
VX1021MBL01

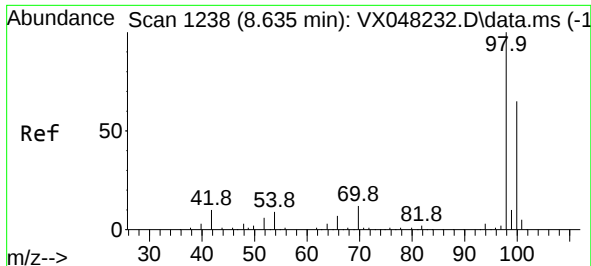
Tgt Ion:114 Resp: 178643
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 16.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 44.414 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048253.D
Acq: 21 Oct 2025 09:12

Tgt Ion:113 Resp: 54167
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 19.3 15.1 22.7





#50

Toluene-d8

Concen: 44.200 ug/l

RT: 8.635 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048253.D

Acq: 21 Oct 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

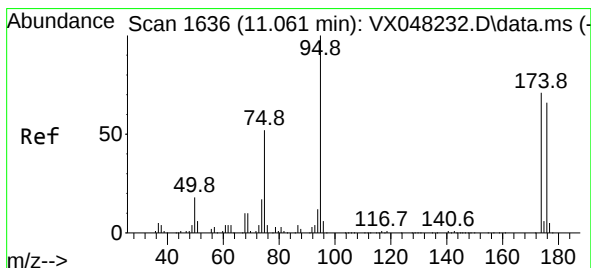
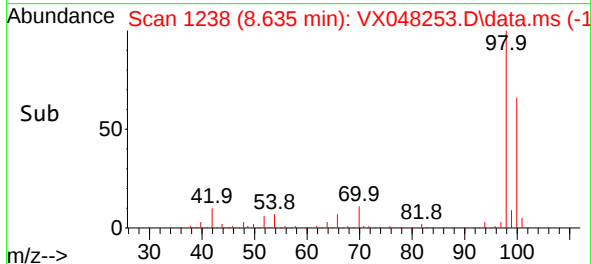
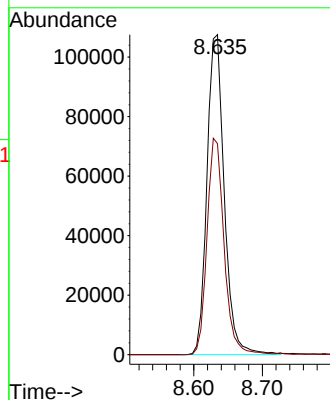
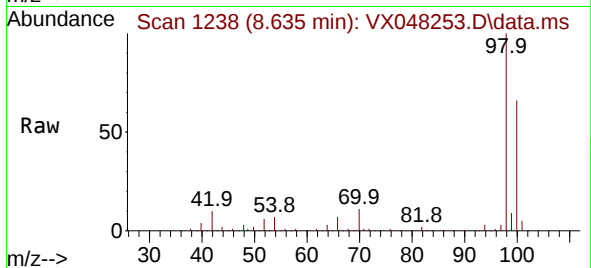
VX1021MBL01

Tgt Ion: 98 Resp: 188946

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 49.520 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048253.D

Acq: 21 Oct 2025 09:12

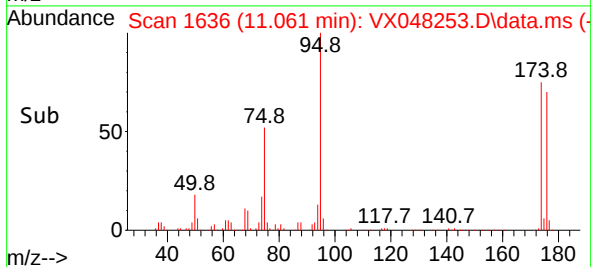
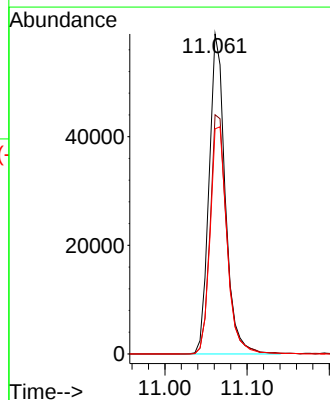
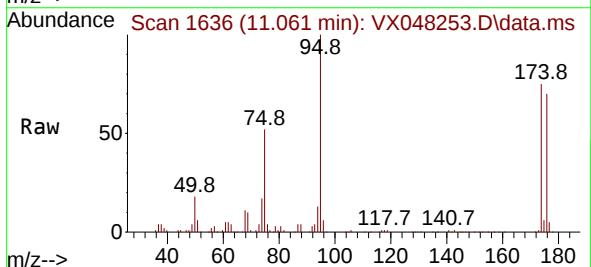
Tgt Ion: 95 Resp: 80532

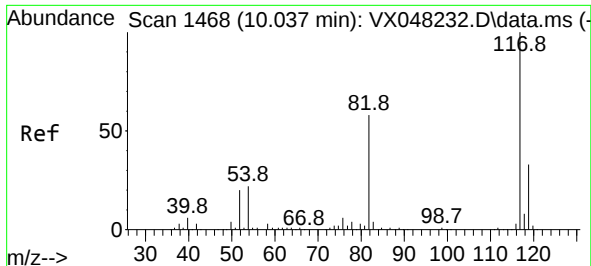
Ion Ratio Lower Upper

95 100

174 77.2 0.0 147.8

176 74.3 0.0 142.8

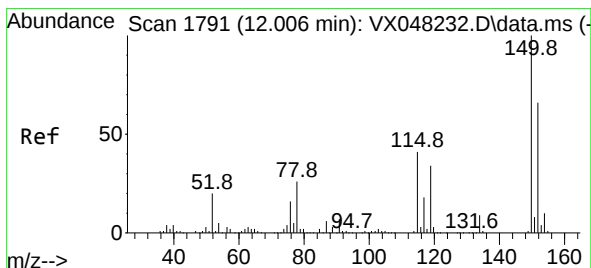
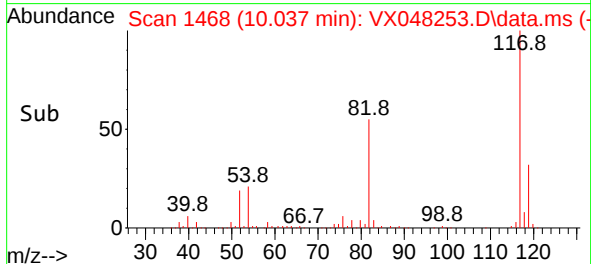
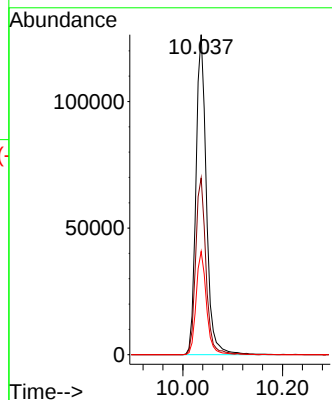
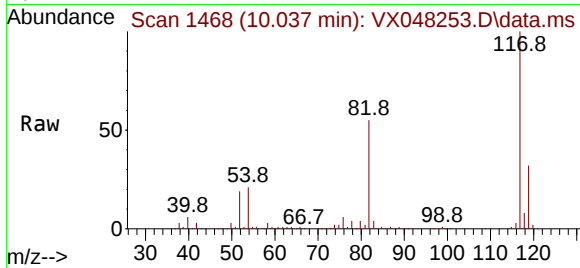




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048253.D
Acq: 21 Oct 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VX1021MBL01

Tgt Ion:117 Resp: 183312
Ion Ratio Lower Upper
117 100
82 55.2 46.5 69.7
119 32.3 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: VX048253.D
Acq: 21 Oct 2025 09:12

Tgt Ion:152 Resp: 90101
Ion Ratio Lower Upper
152 100
115 62.2 43.1 129.4
150 159.4 0.0 353.0

