

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048254.D
 Acq On : 21 Oct 2025 09:40
 Operator : JC/MD
 Sample : VX1021WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1021WBL01

Quant Time: Oct 24 04:22:52 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	5.532	168	121915	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	240535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	89687	52.469	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.940%
35) Dibromofluoromethane	5.367	113	77294	47.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.629	98	267020	46.391	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.061	95	115293	52.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.300%

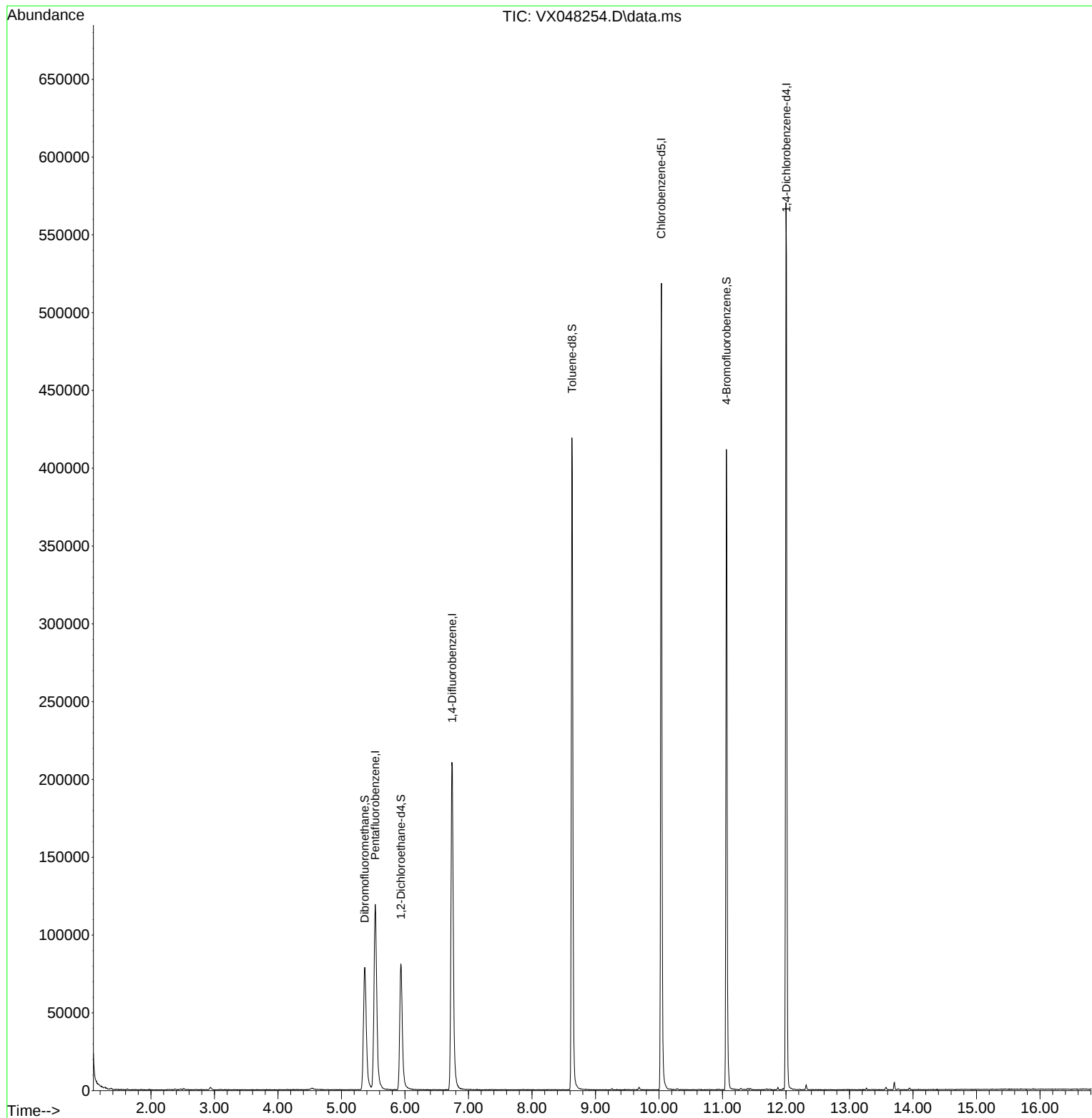
Target Compounds	Qvalue

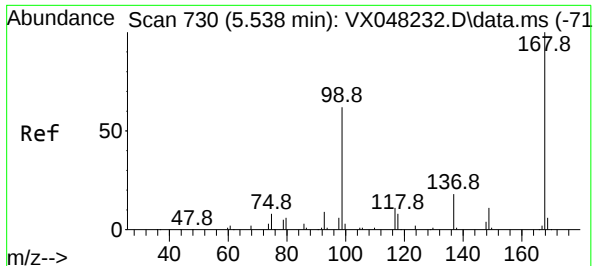
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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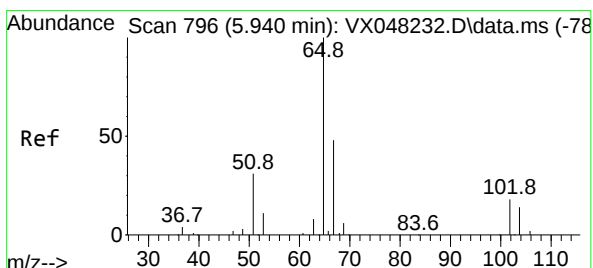
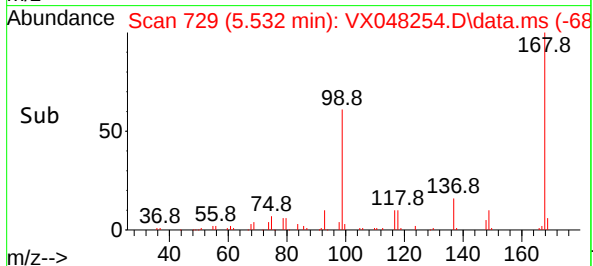
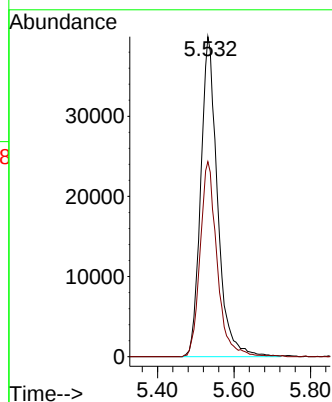
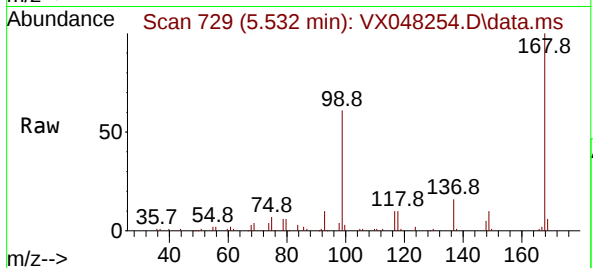




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

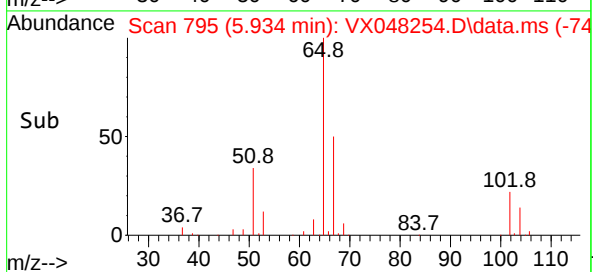
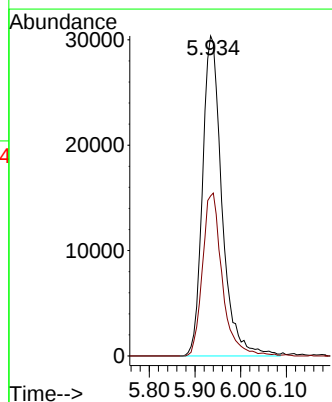
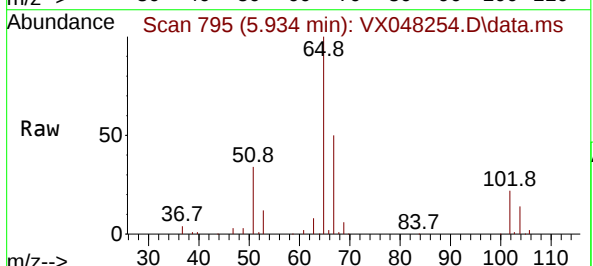
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

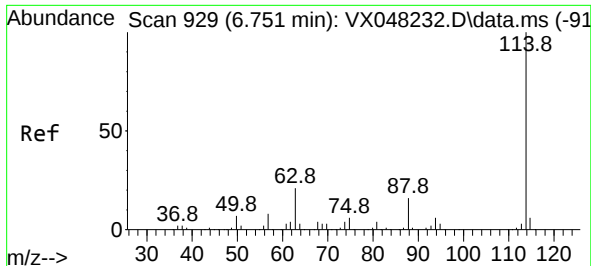
Tgt Ion:168 Resp: 121915
Ion Ratio Lower Upper
168 100
99 60.9 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.469 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion: 65 Resp: 89687
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

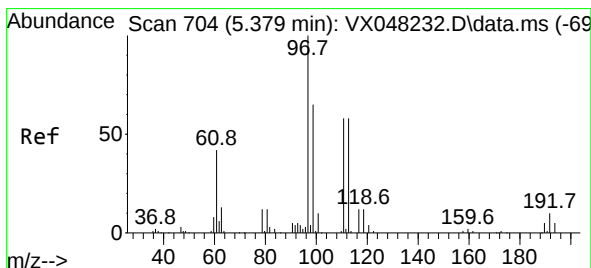
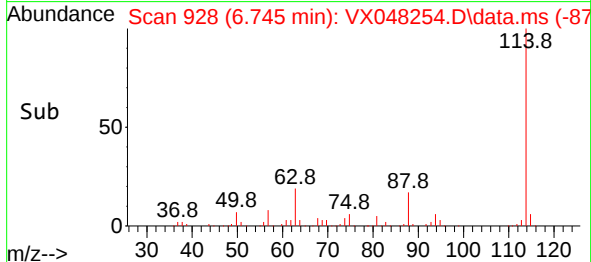
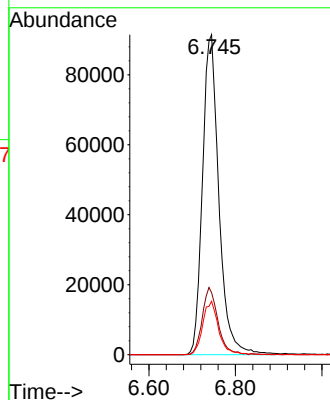
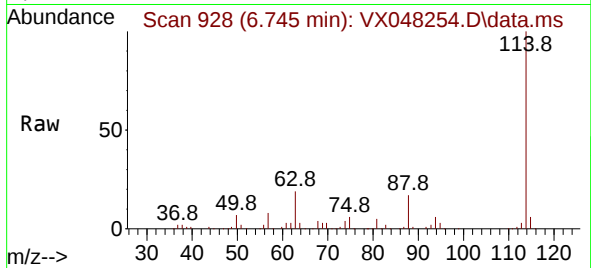




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

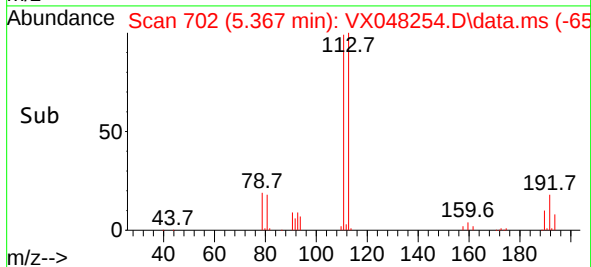
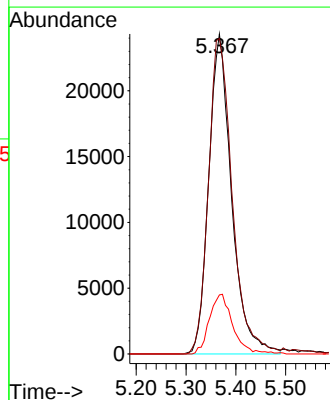
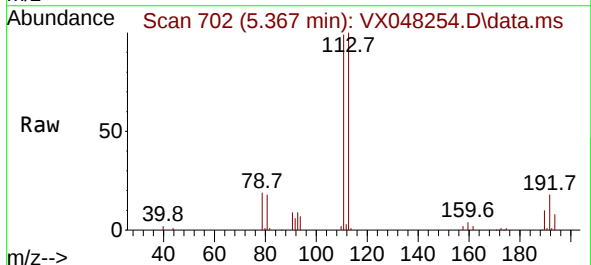
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

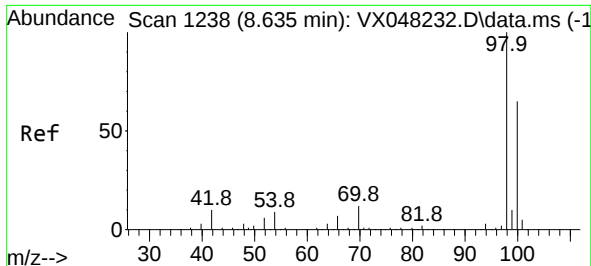
Tgt Ion:114 Resp: 240535
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.070 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion:113 Resp: 77294
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.2 15.1 22.7

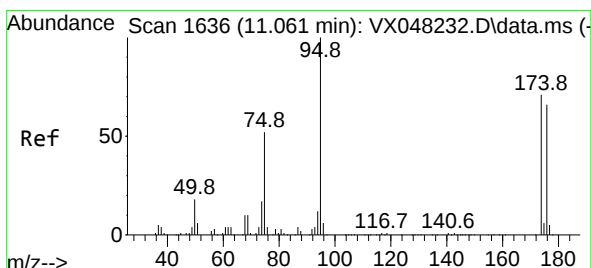
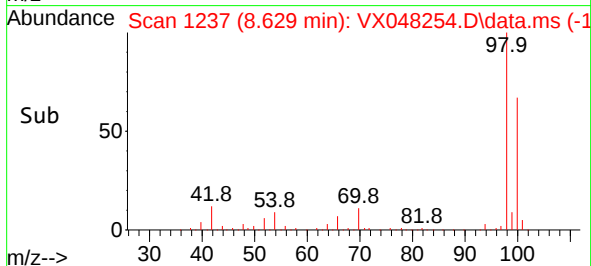
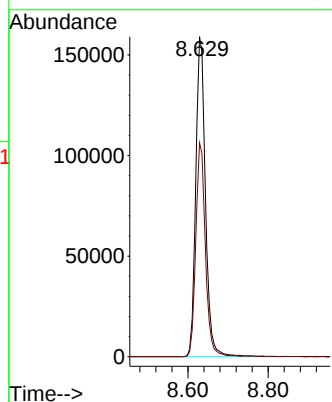
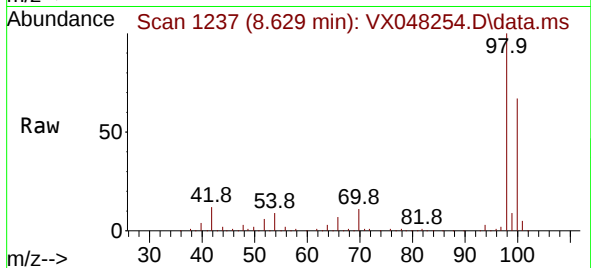




#50
Toluene-d8
Concen: 46.391 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

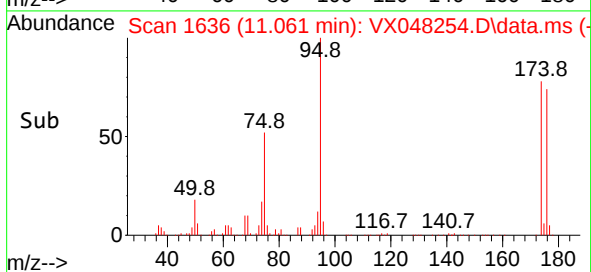
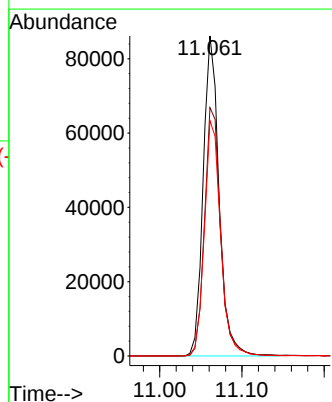
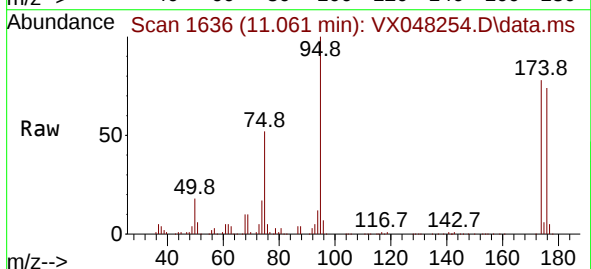
Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

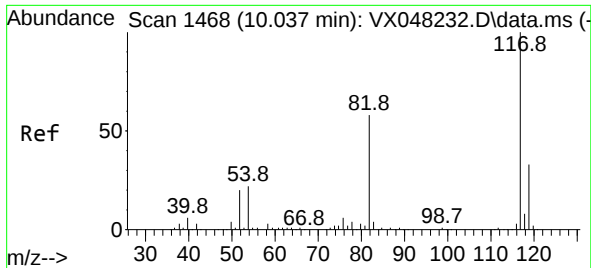
Tgt Ion: 98 Resp: 267020
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.653 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion: 95 Resp: 115293
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.8
176 75.2 0.0 142.8

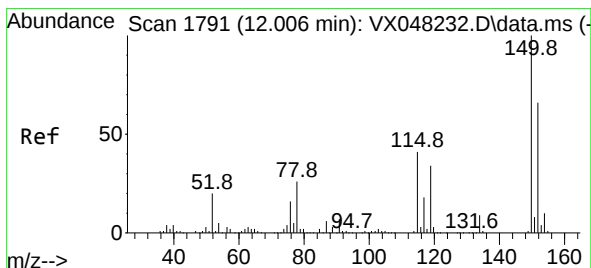
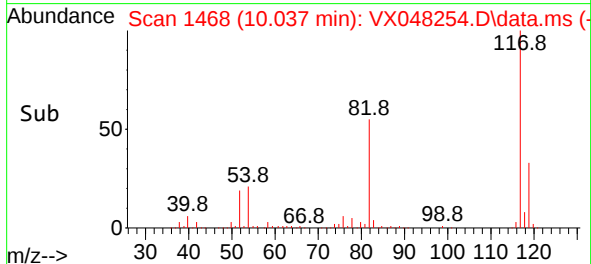
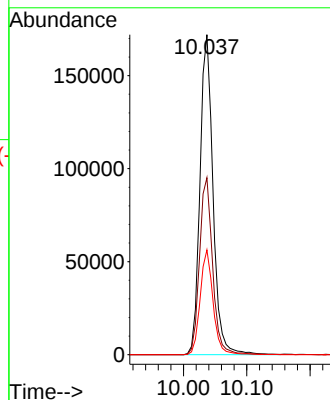
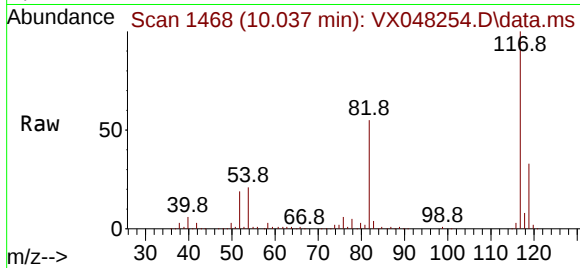




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048254.D
Acq: 21 Oct 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VX1021WBL01

Tgt Ion:117 Resp: 247603
Ion Ratio Lower Upper
117 100
82 55.3 46.5 69.7
119 32.8 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: VX048254.D
Acq: 21 Oct 2025 09:40

Tgt Ion:152 Resp: 126551
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 158.4 0.0 353.0

