

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048239.D
 Acq On : 20 Oct 2025 15:23
 Operator : JC/MD
 Sample : VX1020WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBL01

Quant Time: Oct 20 15:45:51 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	127705	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	221220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	203730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	101917	56.921	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.840%
35) Dibromofluoromethane	5.367	113	80059	53.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.020%
50) Toluene-d8	8.629	98	271212	51.234	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.460%
62) 4-Bromofluorobenzene	11.061	95	104865	52.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.140%

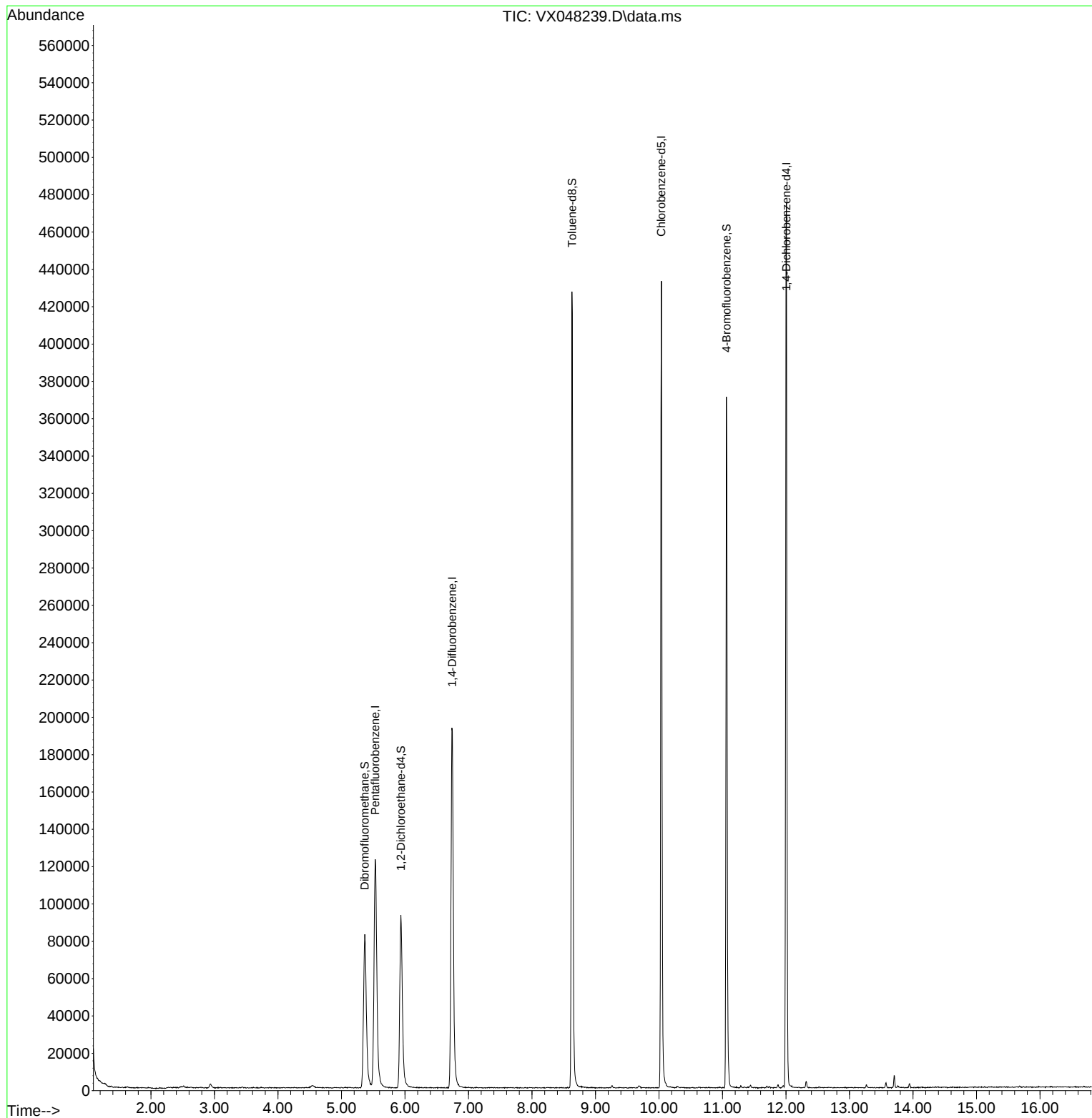
Target Compounds	Qvalue

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

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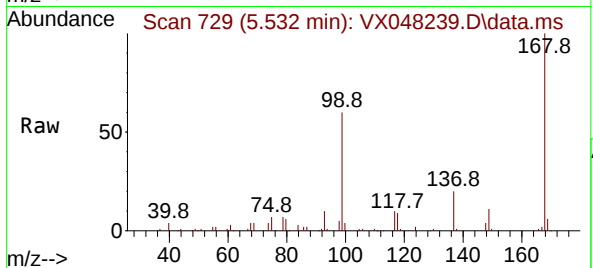
Quant Time: Oct 20 15:45:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



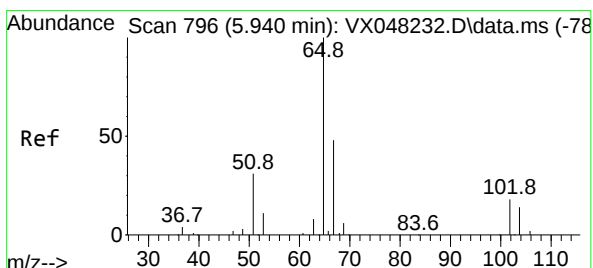
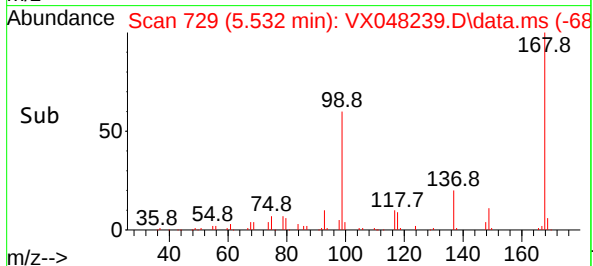
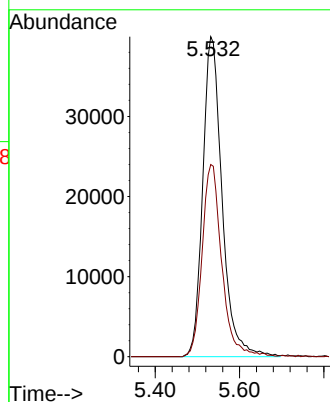


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048239.D
Acq: 20 Oct 2025 15:23

Instrument :
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ClientSampleId :
VX1020WBL01

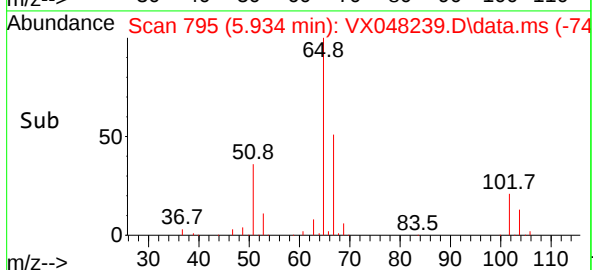
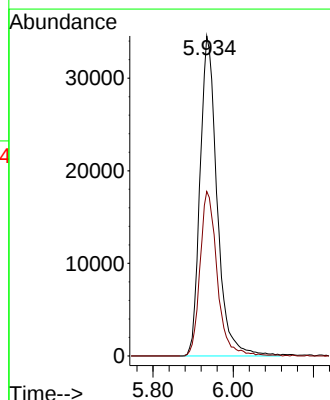
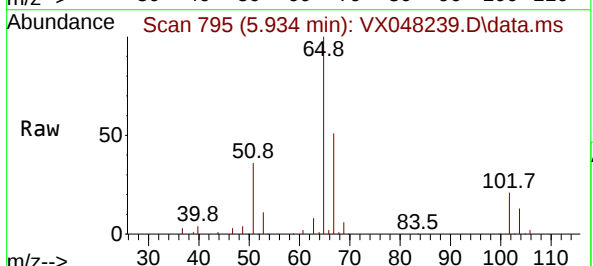


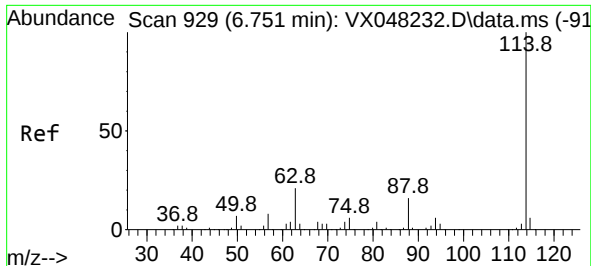
Tgt Ion:168 Resp: 127705
Ion Ratio Lower Upper
168 100
99 60.0 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 56.921 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048239.D
Acq: 20 Oct 2025 15:23

Tgt Ion: 65 Resp: 101917
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: VX048239.D

Acq: 20 Oct 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBL01

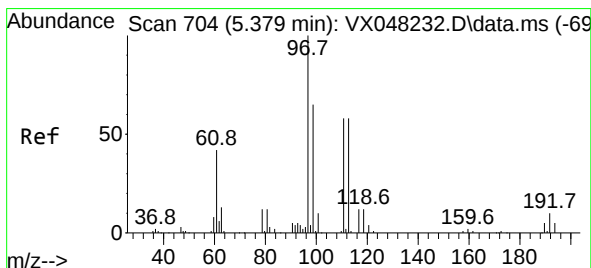
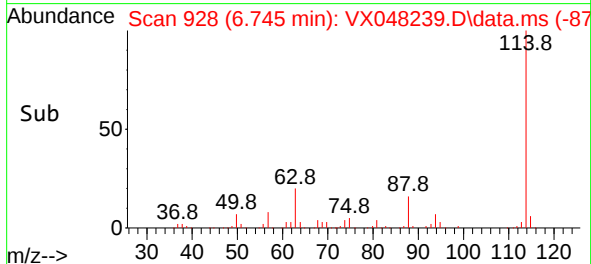
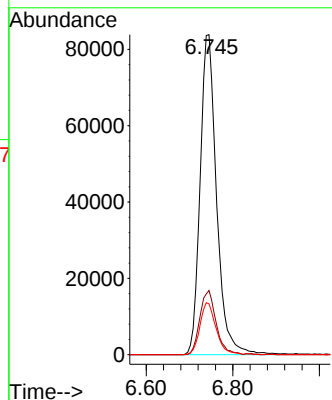
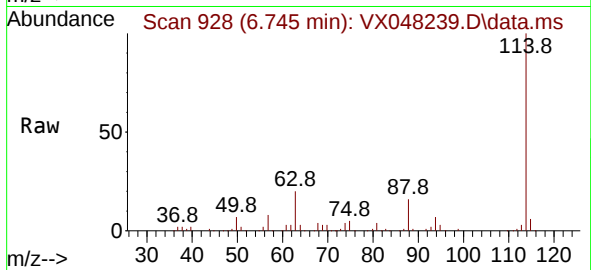
Tgt Ion:114 Resp: 221220

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.9 0.0 33.6



#35

Dibromofluoromethane

Concen: 53.010 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048239.D

Acq: 20 Oct 2025 15:23

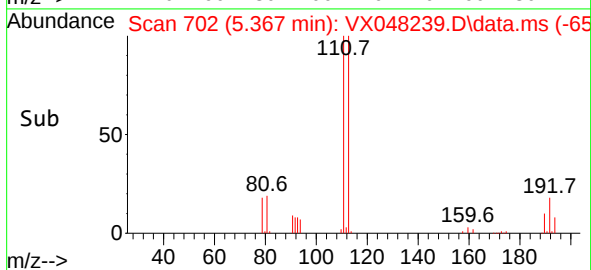
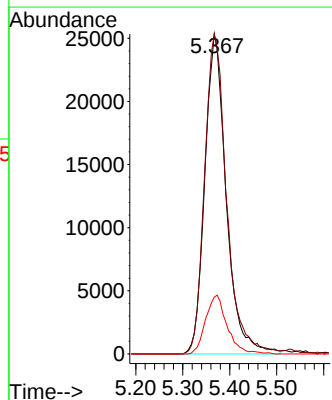
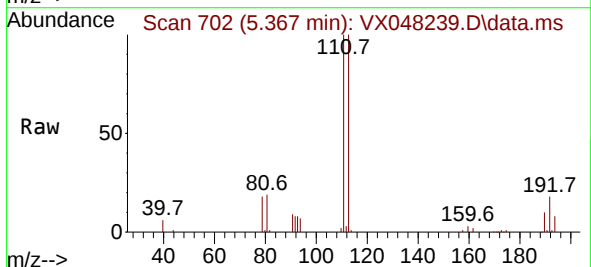
Tgt Ion:113 Resp: 80059

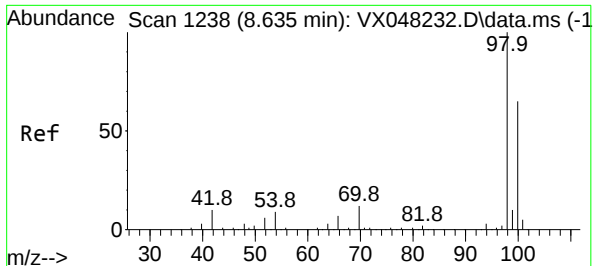
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 18.5 15.1 22.7

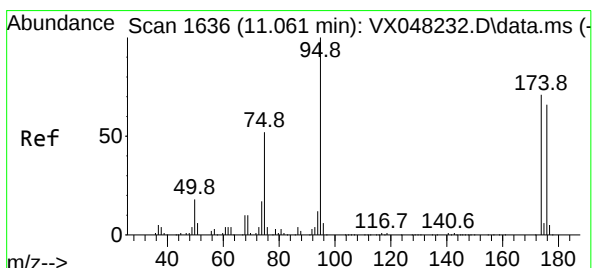
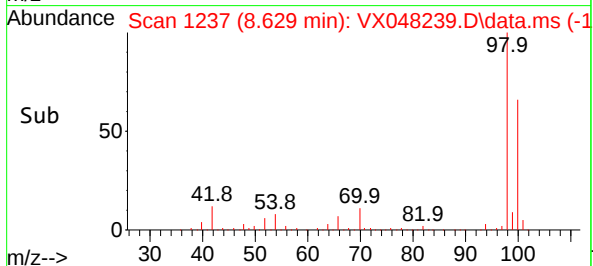
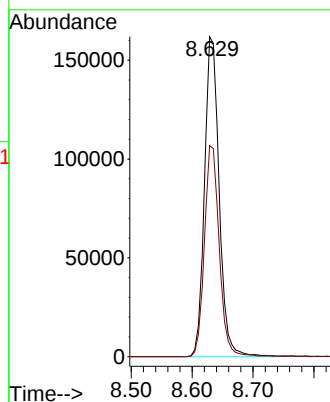
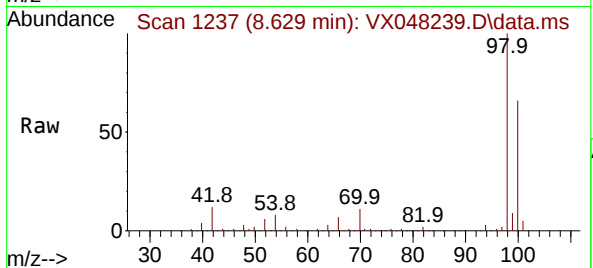




#50
Toluene-d8
Concen: 51.234 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048239.D
Acq: 20 Oct 2025 15:23

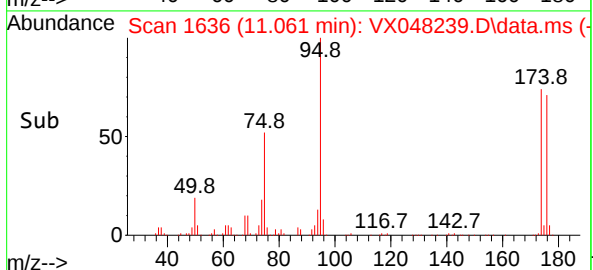
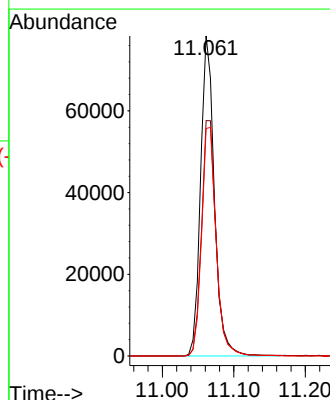
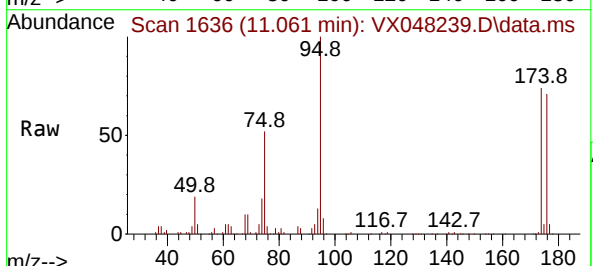
Instrument :
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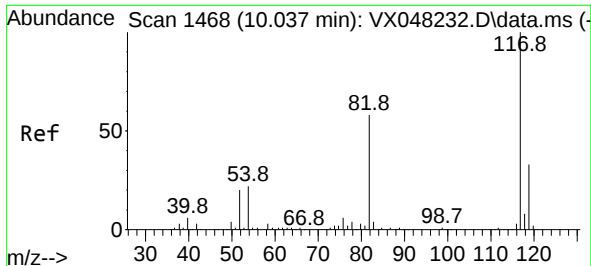
Tgt Ion: 98 Resp: 271212
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.072 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048239.D
Acq: 20 Oct 2025 15:23

Tgt Ion: 95 Resp: 104865
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.8
176 75.6 0.0 142.8

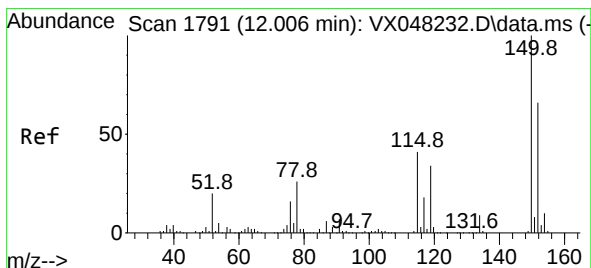
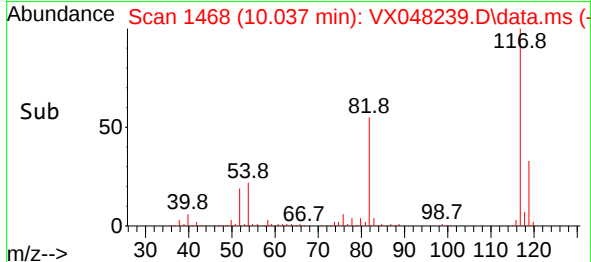
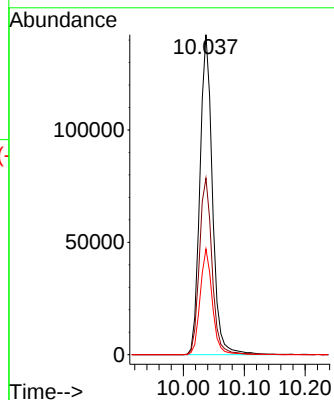
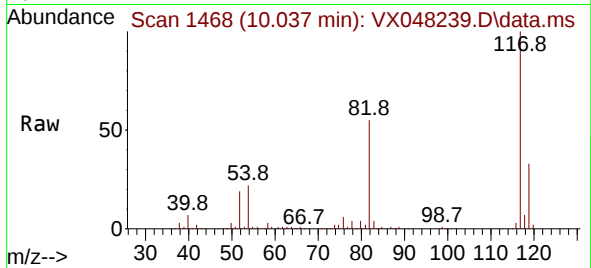




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048239.D
Acq: 20 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBL01

Tgt Ion:117 Resp: 203730
Ion Ratio Lower Upper
117 100
82 55.1 46.5 69.7
119 33.0 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: VX048239.D
Acq: 20 Oct 2025 15:23

Tgt Ion:152 Resp: 106522
Ion Ratio Lower Upper
152 100
115 60.0 43.1 129.4
150 154.7 0.0 353.0

