

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048401.D
 Acq On : 28 Oct 2025 15:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 29 01:21:41 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	5.537	168	149859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	298949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	309191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	159072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	120737	57.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.920%
35) Dibromofluoromethane	5.379	113	88082	43.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.320%
50) Toluene-d8	8.634	98	373384	52.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.400%
62) 4-Bromofluorobenzene	11.067	95	160479	58.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.940%

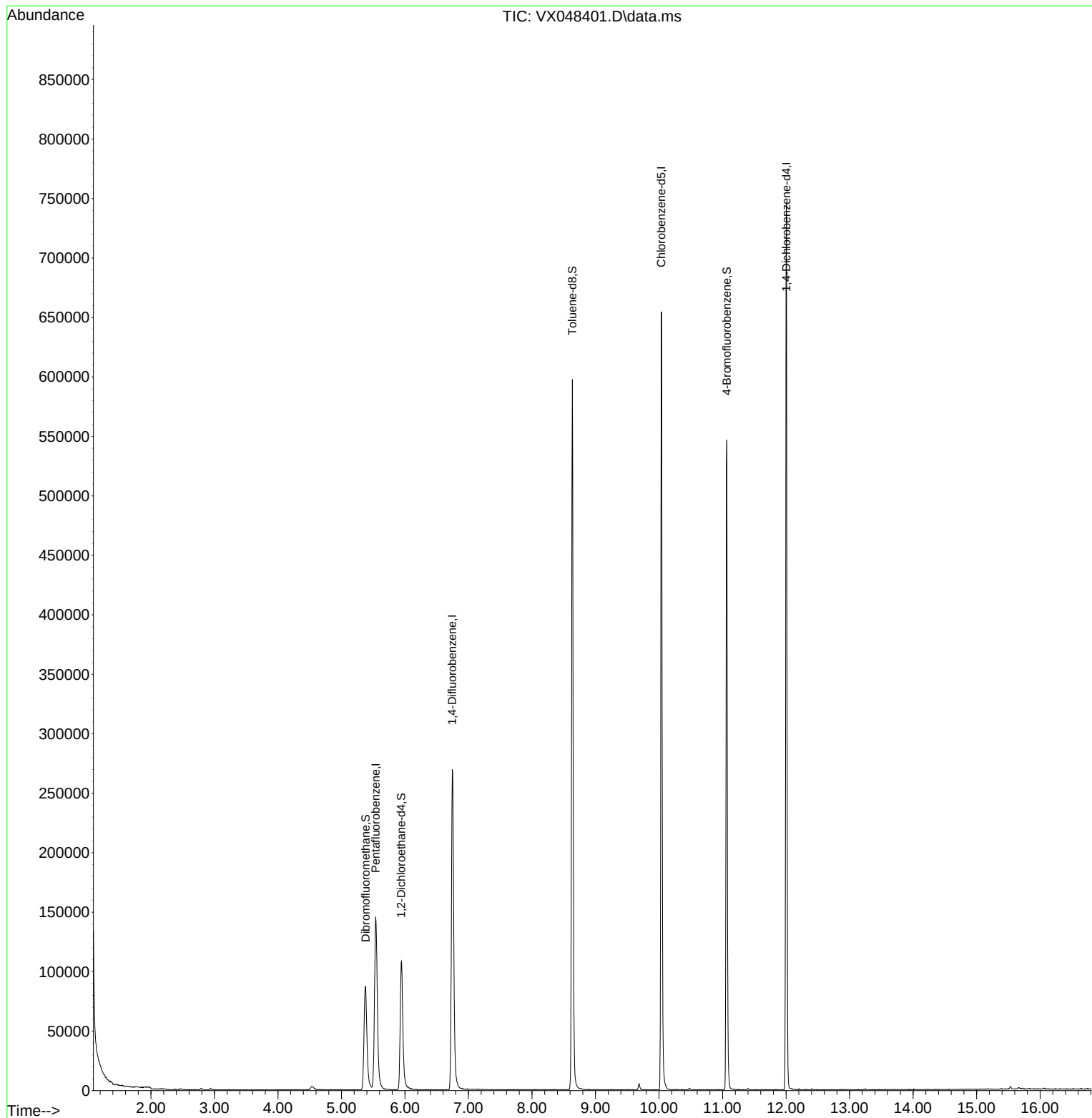
Target Compounds	Qvalue

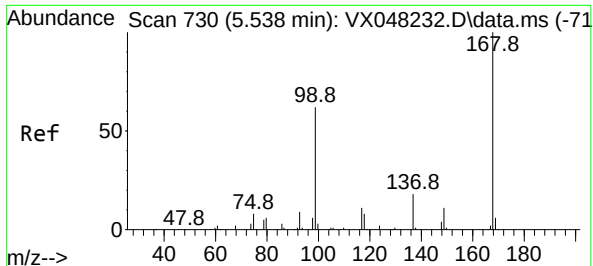
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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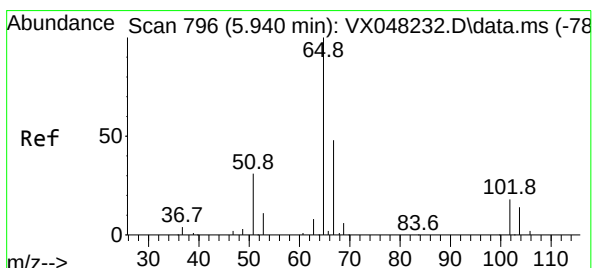
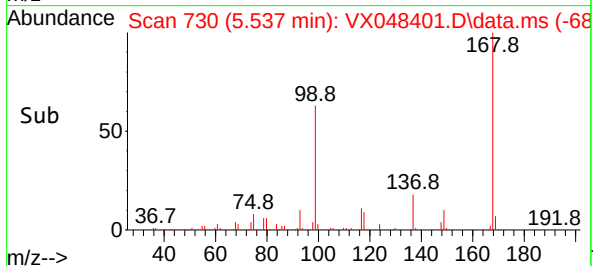
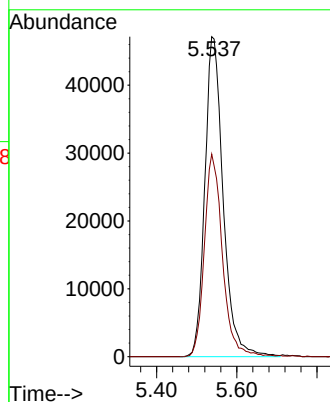
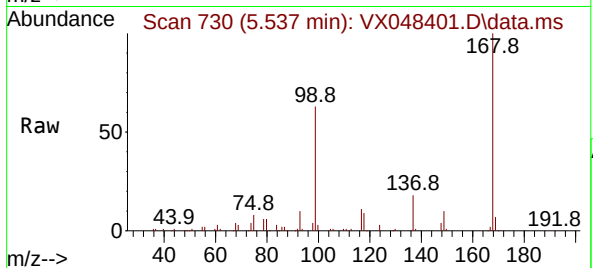




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048401.D
Acq: 28 Oct 2025 15:52

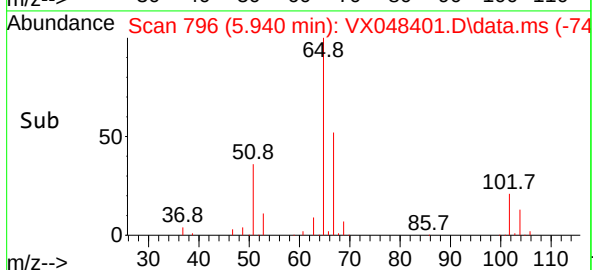
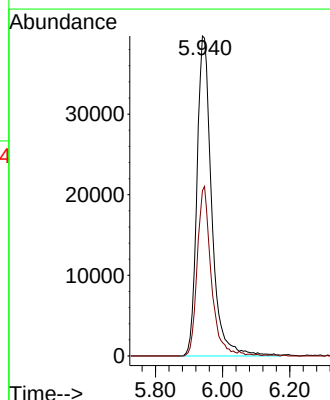
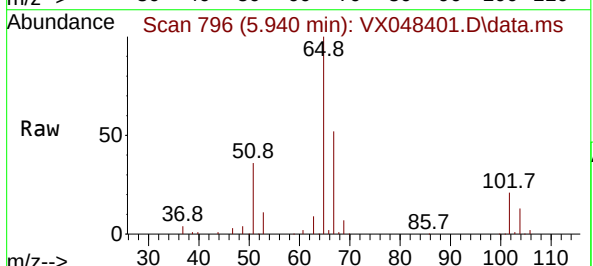
Instrument :
MSVOA_X
ClientSampleId :
IBLK

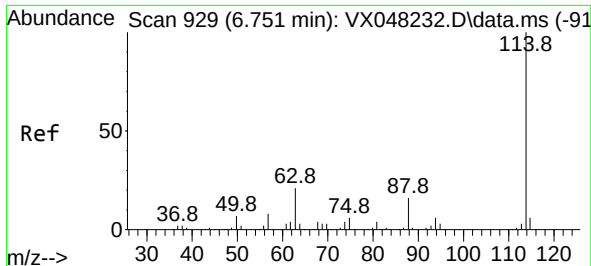
Tgt Ion:168 Resp: 149859
Ion Ratio Lower Upper
168 100
99 63.3 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 57.463 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048401.D
Acq: 28 Oct 2025 15:52

Tgt Ion: 65 Resp: 120737
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 91

Delta R.T. -0.001 min

Lab File: VX048401.D

Acq: 28 Oct 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

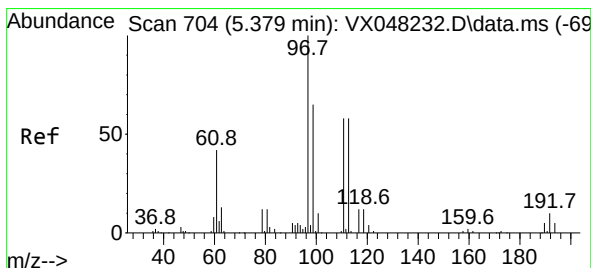
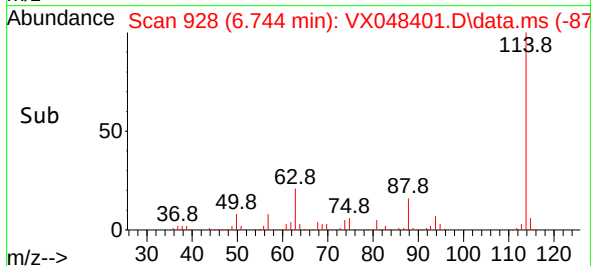
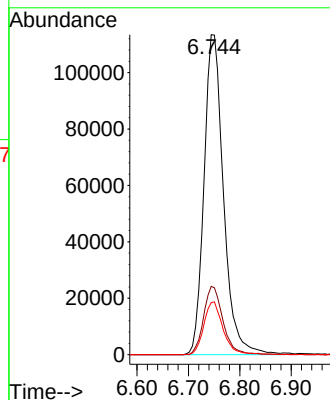
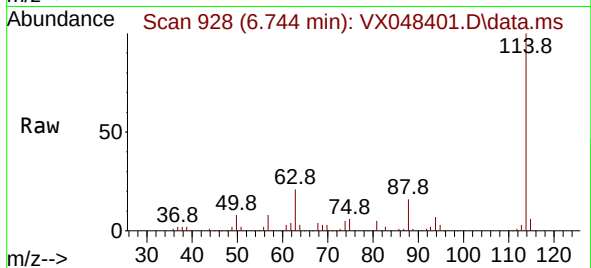
Tgt Ion:114 Resp: 298949

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 16.3 0.0 33.6



#35

Dibromofluoromethane

Concen: 43.158 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048401.D

Acq: 28 Oct 2025 15:52

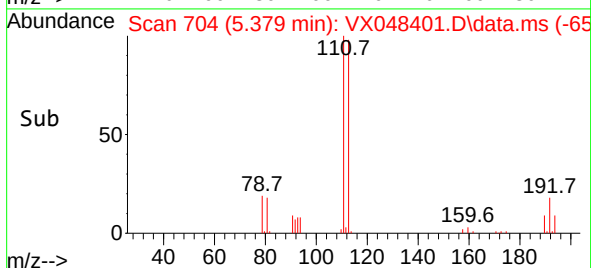
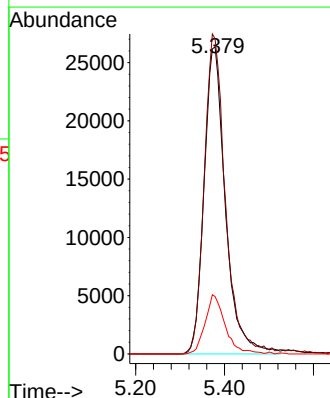
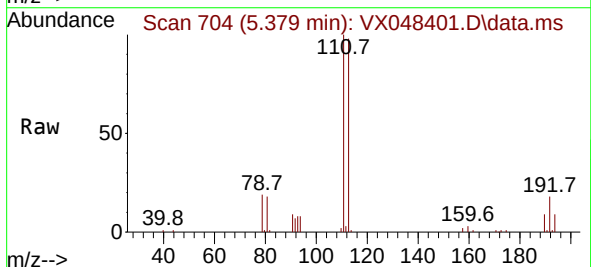
Tgt Ion:113 Resp: 88082

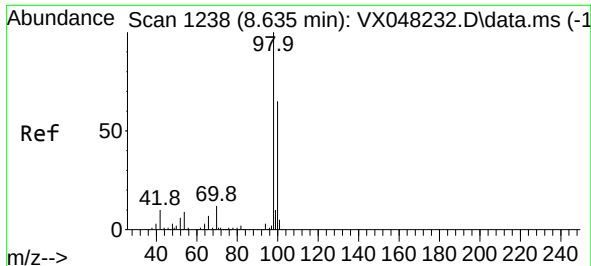
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.1 15.1 22.7

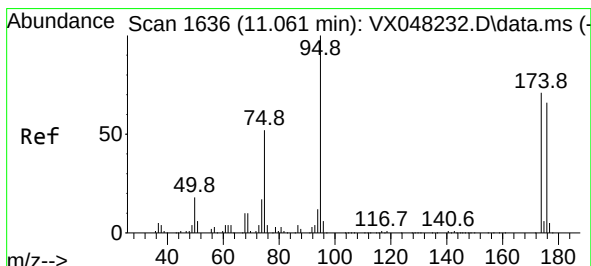
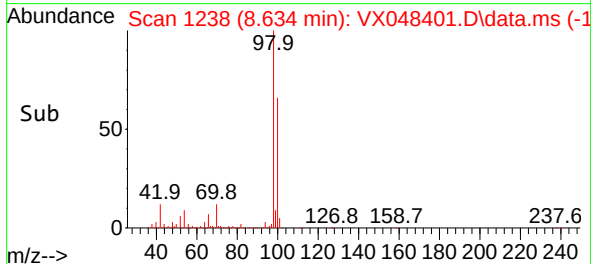
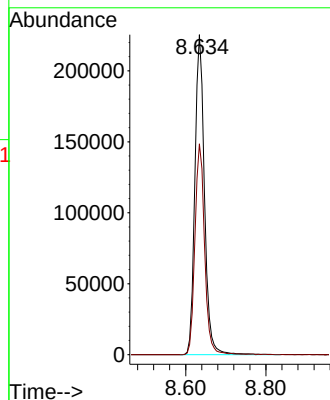
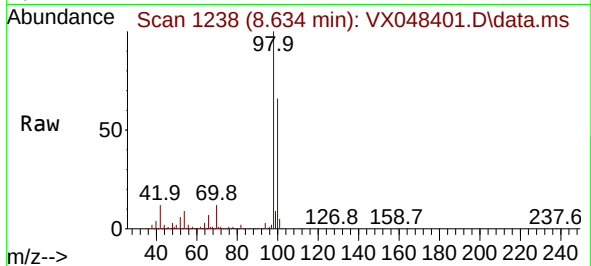




#50
Toluene-d8
Concen: 52.195 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048401.D
Acq: 28 Oct 2025 15:52

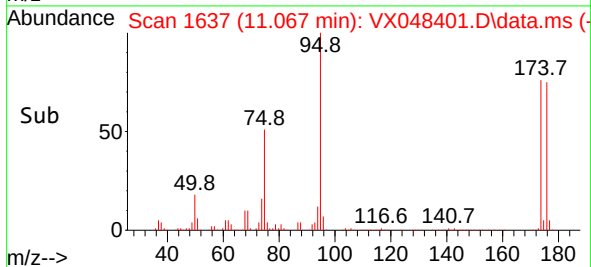
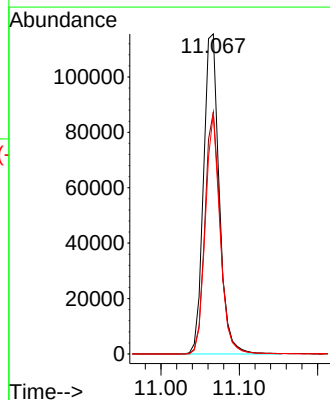
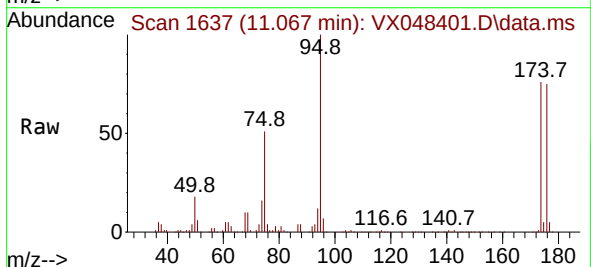
Instrument :
MSVOA_X
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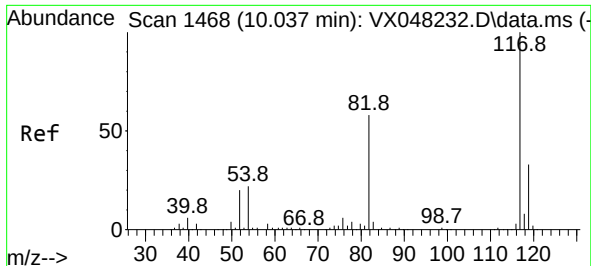
Tgt Ion: 98 Resp: 373384
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.969 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048401.D
Acq: 28 Oct 2025 15:52

Tgt Ion: 95 Resp: 160479
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.8
176 70.4 0.0 142.8

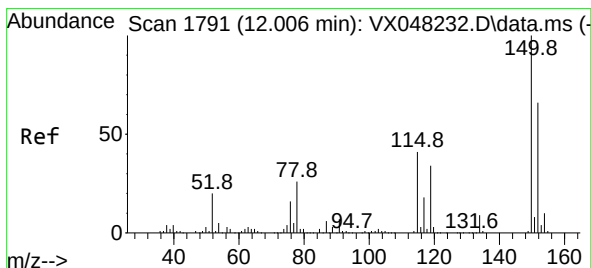
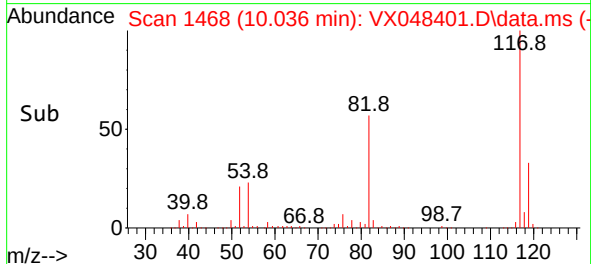
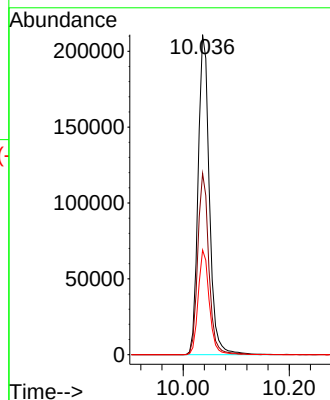
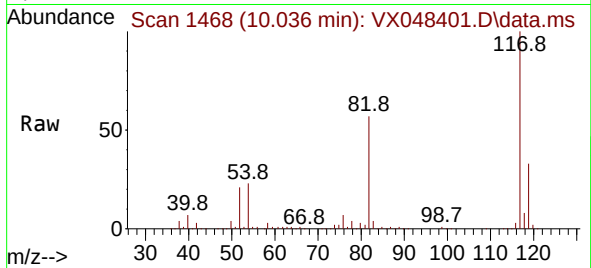




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048401.D
Acq: 28 Oct 2025 15:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 309191
Ion Ratio Lower Upper
117 100
82 56.7 46.5 69.7
119 32.7 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: VX048401.D
Acq: 28 Oct 2025 15:52

Tgt Ion:152 Resp: 159072
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 157.4 0.0 353.0

