

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048446.D
 Acq On : 03 Nov 2025 09:40
 Operator : JC/MD
 Sample : VX1103MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103MBL01

Quant Time: Nov 04 00:08:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	104125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	177727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	181874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	70404	47.015	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.040%
35) Dibromofluoromethane	5.367	113	57634	56.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.760%
50) Toluene-d8	8.628	98	219202	49.007	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.061	95	92573	55.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.660%

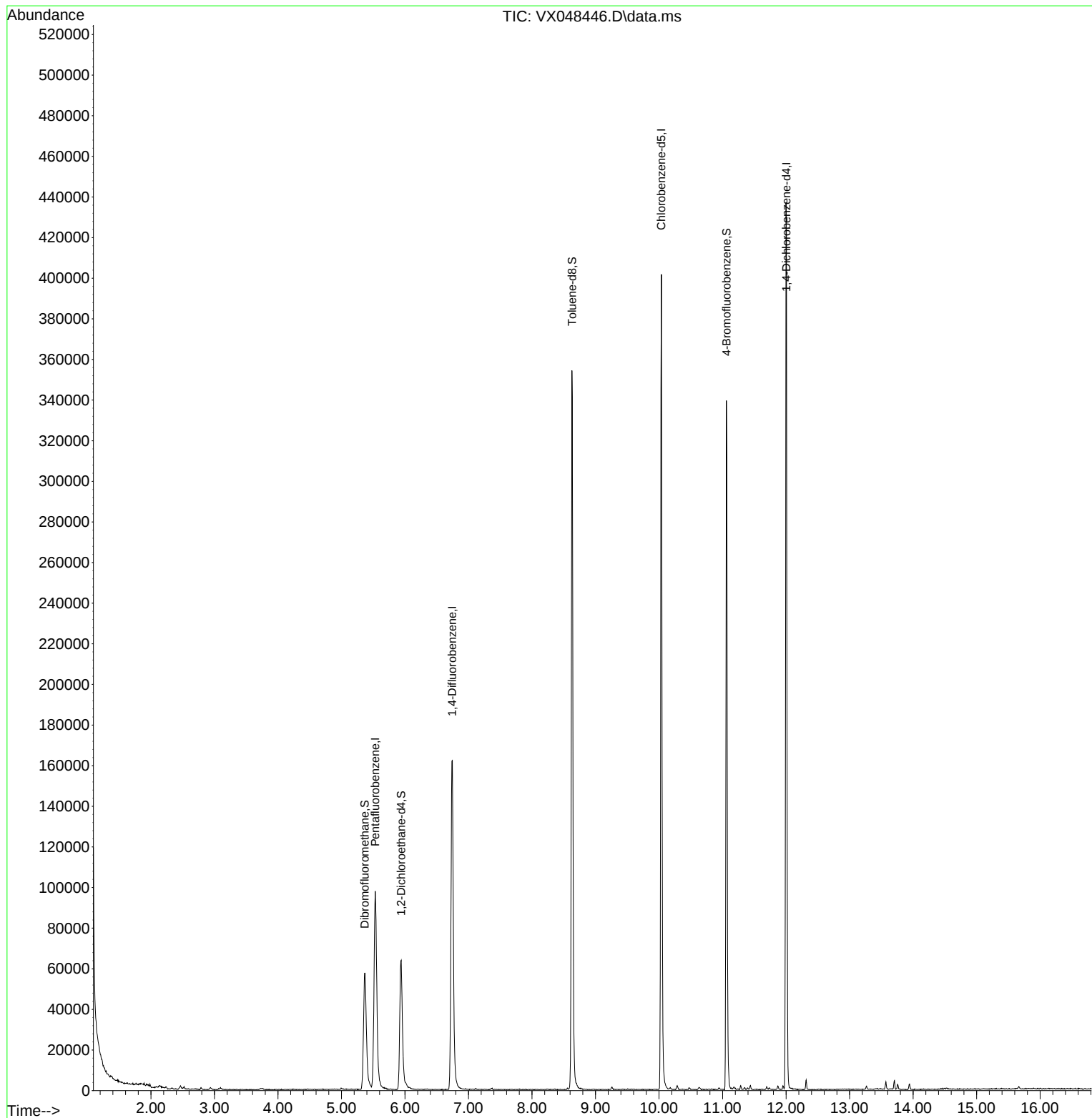
Target Compounds	Qvalue

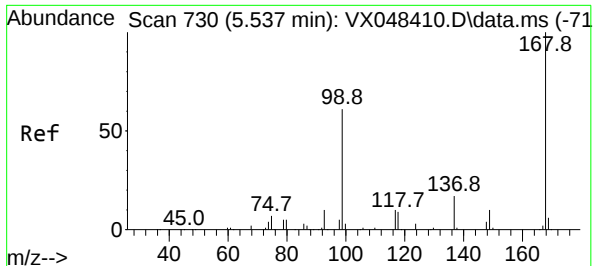
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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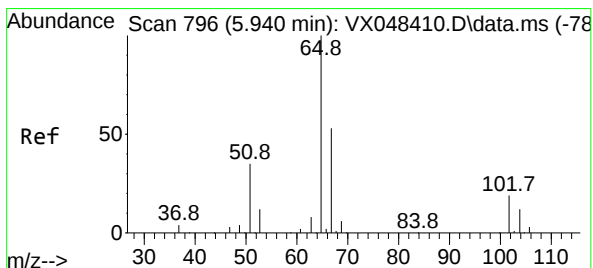
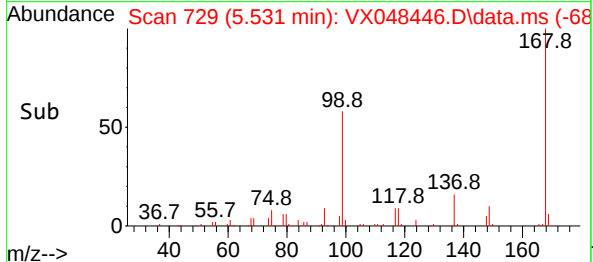
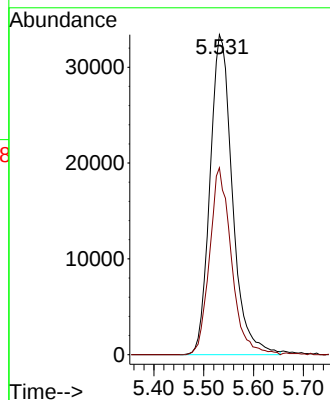
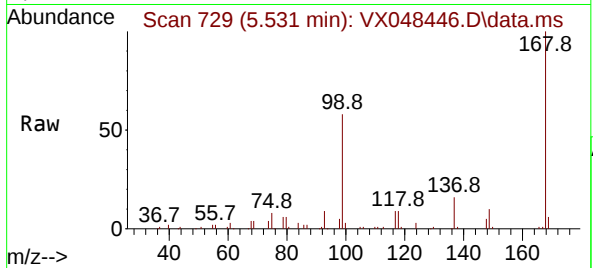




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048446.D
Acq: 03 Nov 2025 09:40

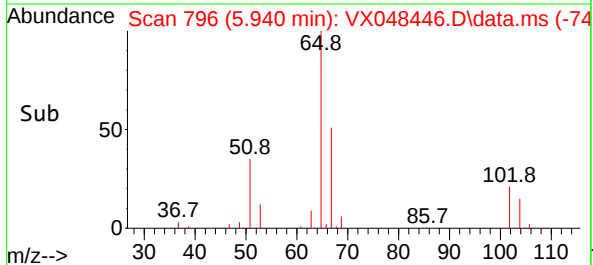
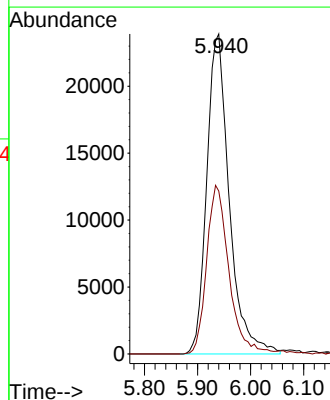
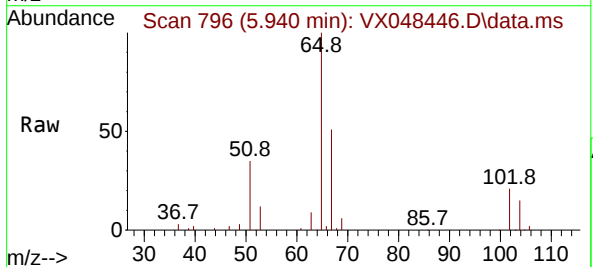
Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

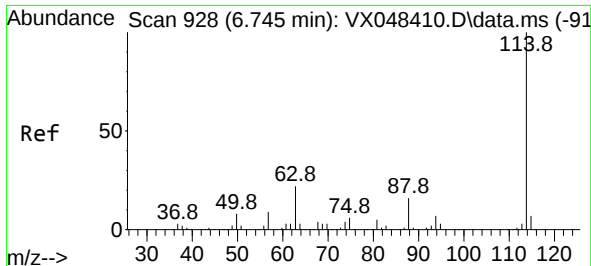
Tgt Ion:168 Resp: 104125
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 47.015 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048446.D
Acq: 03 Nov 2025 09:40

Tgt Ion: 65 Resp: 70404
Ion Ratio Lower Upper
65 100
67 52.1 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: VX048446.D

Acq: 03 Nov 2025 09:40

Instrument :

MSVOA_X

ClientSampleId :

VX1103MBL01

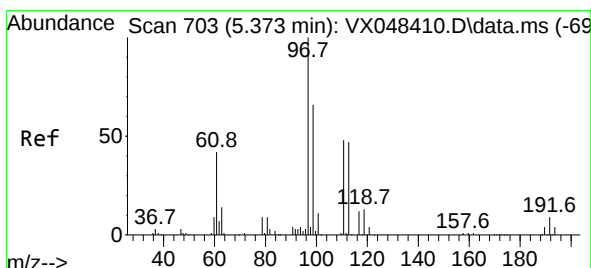
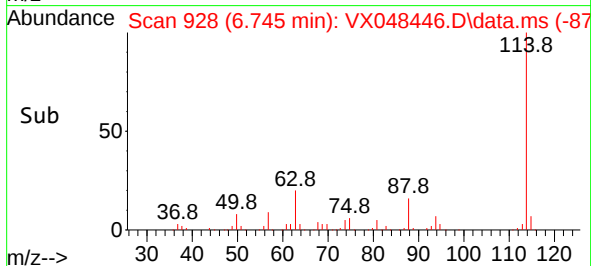
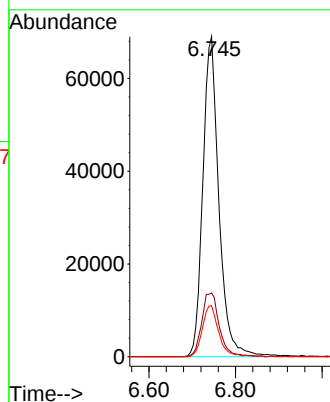
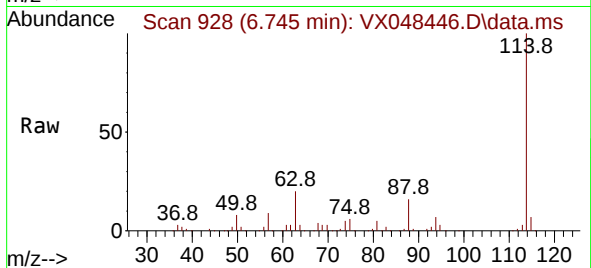
Tgt Ion:114 Resp: 177727

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.9 0.0 33.6



#35

Dibromofluoromethane

Concen: 56.878 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048446.D

Acq: 03 Nov 2025 09:40

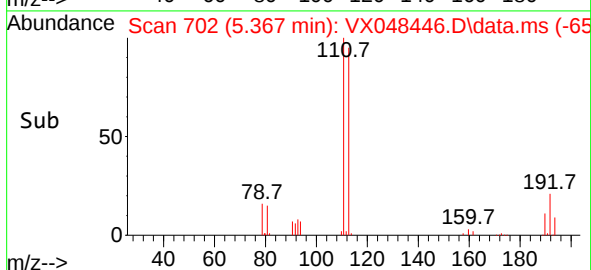
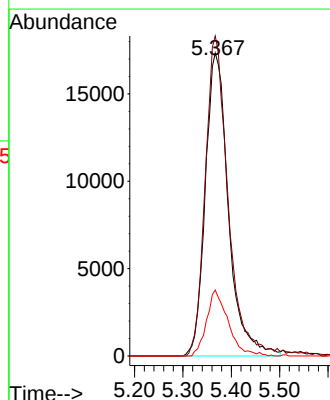
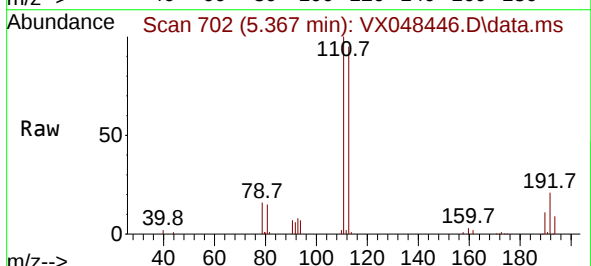
Tgt Ion:113 Resp: 57634

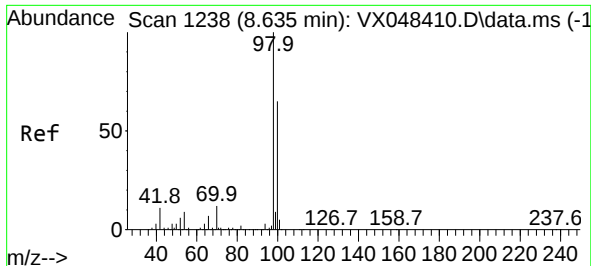
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 20.3 15.1 22.7

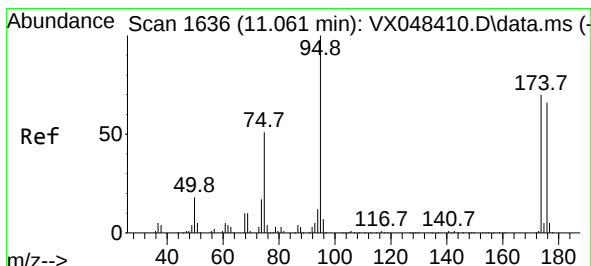
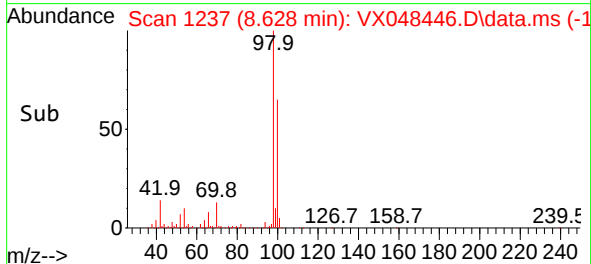
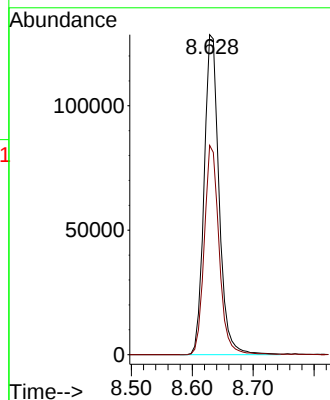
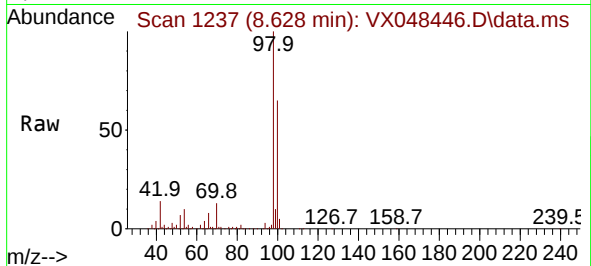




#50
Toluene-d8
Concen: 49.007 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048446.D
Acq: 03 Nov 2025 09:40

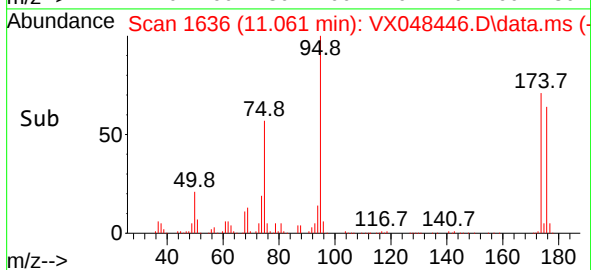
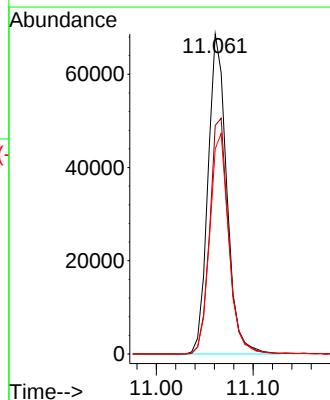
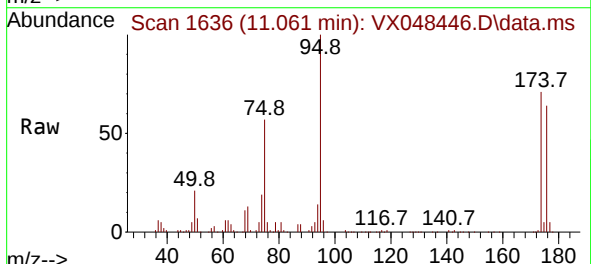
Instrument :
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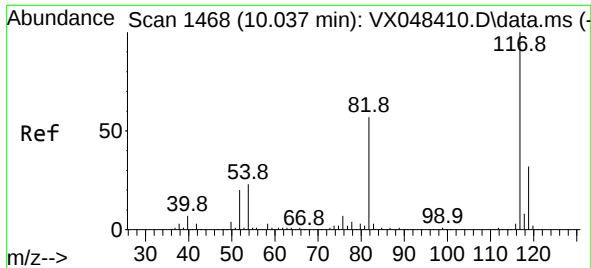
Tgt Ion: 98 Resp: 219202
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.326 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048446.D
Acq: 03 Nov 2025 09:40

Tgt Ion: 95 Resp: 92573
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.8
176 70.3 0.0 142.8

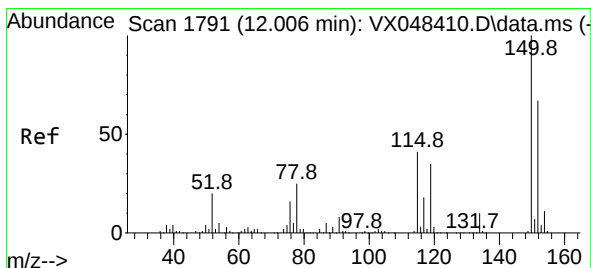
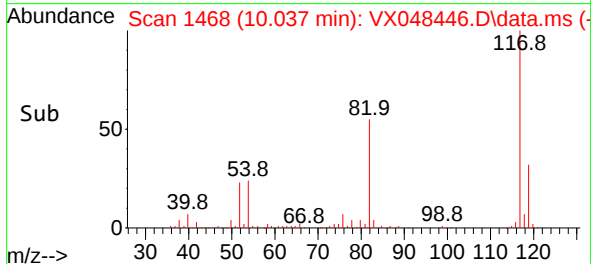
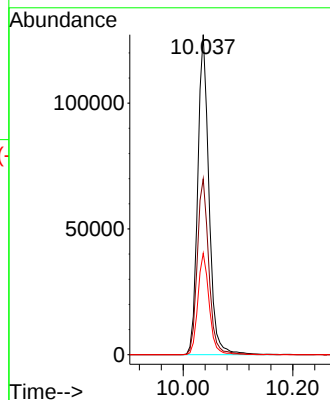
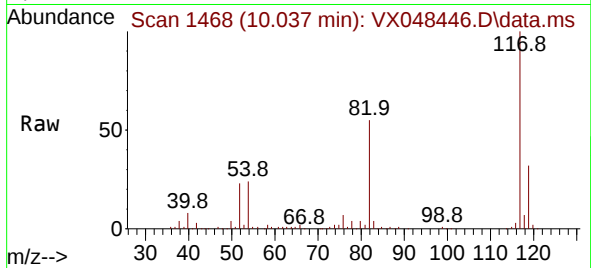




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048446.D
Acq: 03 Nov 2025 09:40

Instrument :
MSVOA_X
ClientSampleId :
VX1103MBL01

Tgt Ion:117 Resp: 181874
Ion Ratio Lower Upper
117 100
82 55.0 46.5 69.7
119 31.7 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: VX048446.D
Acq: 03 Nov 2025 09:40

Tgt Ion:152 Resp: 90694
Ion Ratio Lower Upper
152 100
115 62.4 43.1 129.4
150 160.3 0.0 353.0

