

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048223.D
 Acq On : 17 Oct 2025 18:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 18 00:24:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	104884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	206289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118165	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85570	52.663	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.320%
35) Dibromofluoromethane	5.373	113	71528	49.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.635	98	245100	47.520	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.040%
62) 4-Bromofluorobenzene	11.061	95	110915	59.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.080%

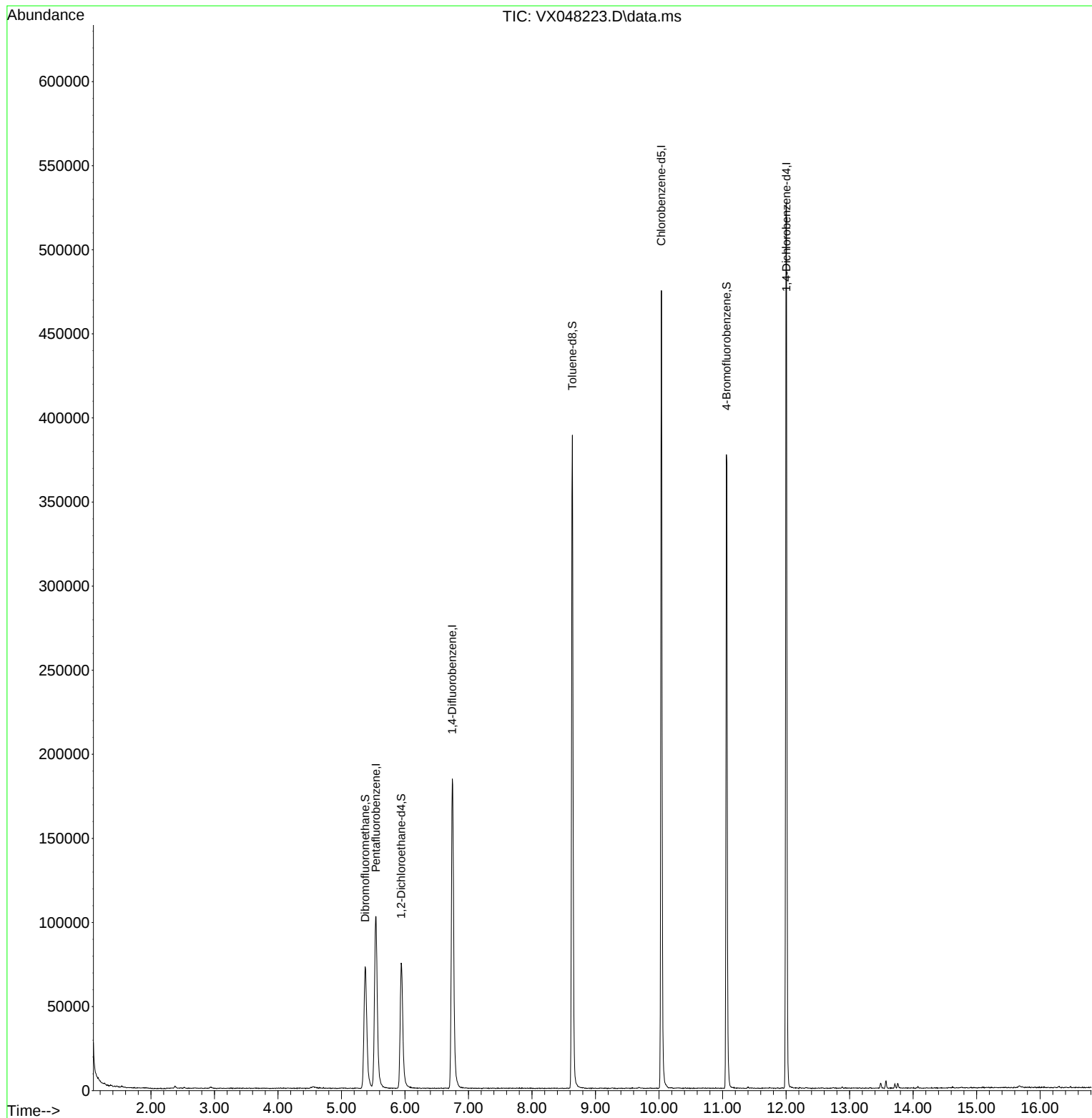
Target Compounds	Qvalue

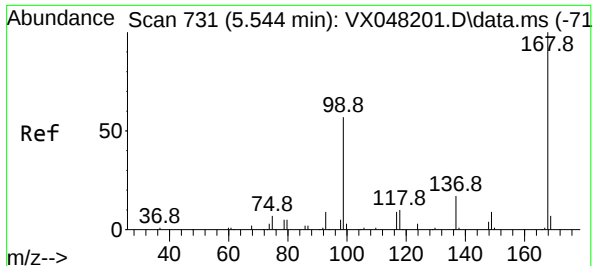
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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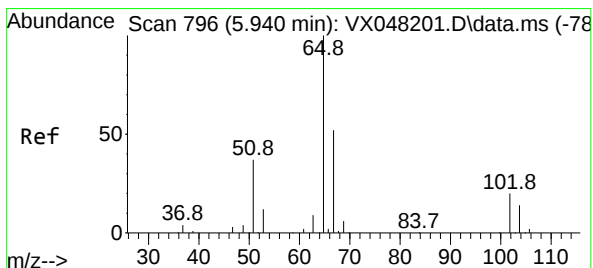
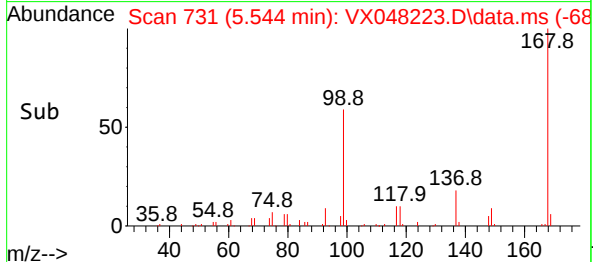
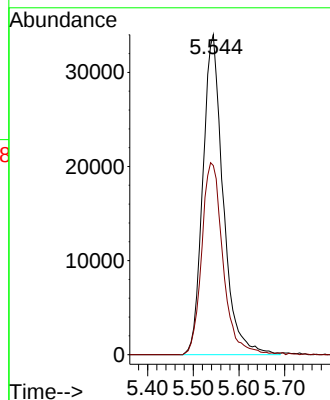
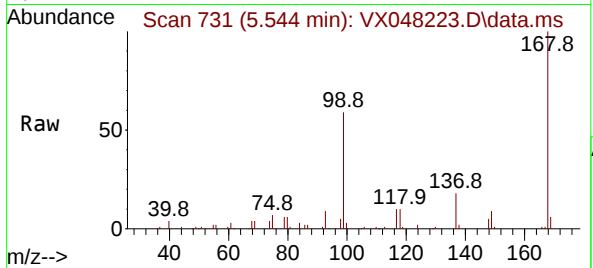




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

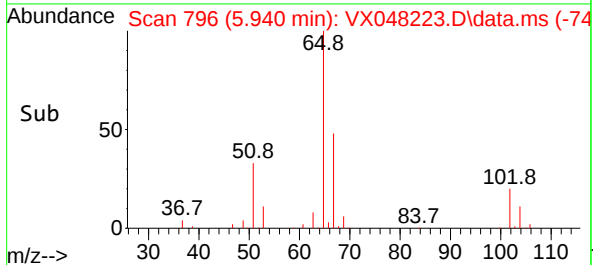
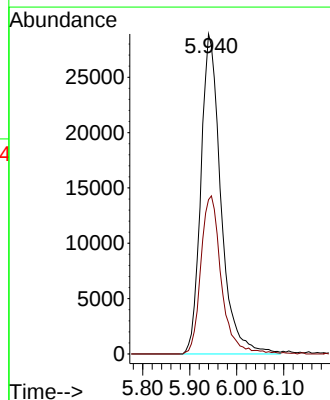
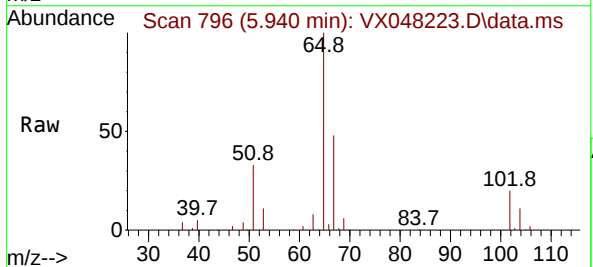
Instrument :
MSVOA_X
ClientSampleId :
IBLK

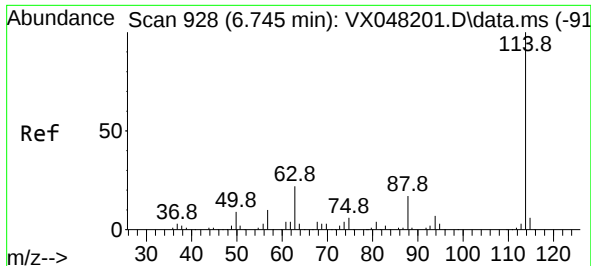
Tgt Ion:168 Resp: 104884
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.663 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion: 65 Resp: 85570
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.0

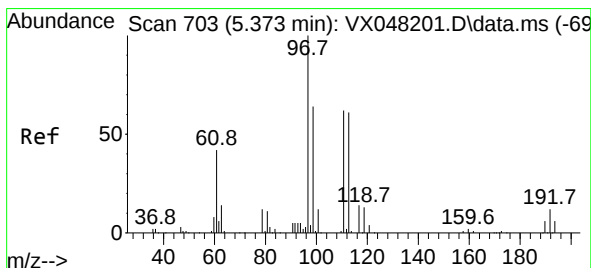
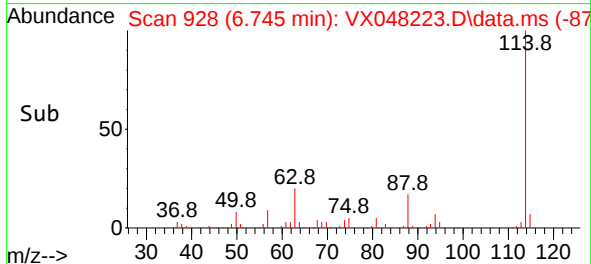
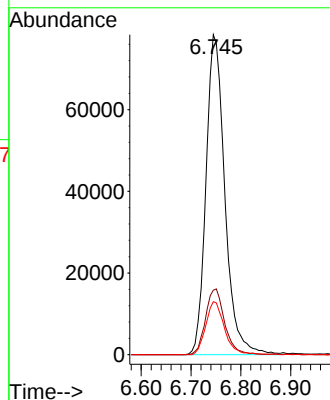
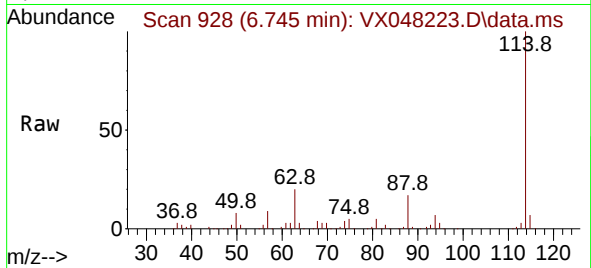




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

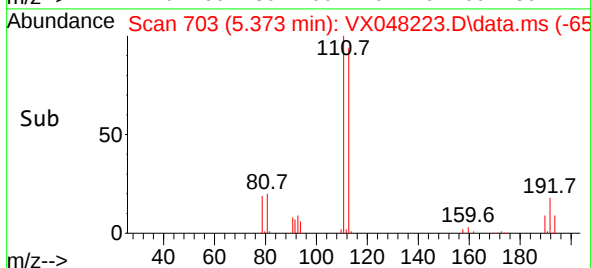
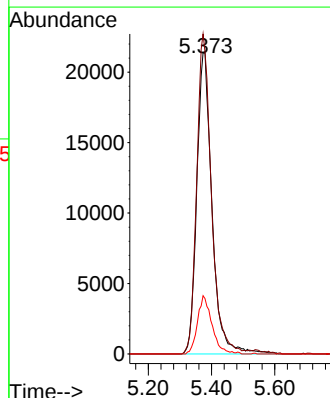
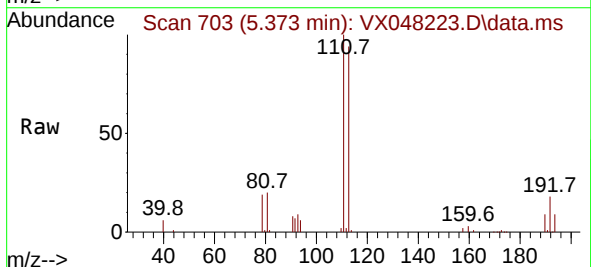
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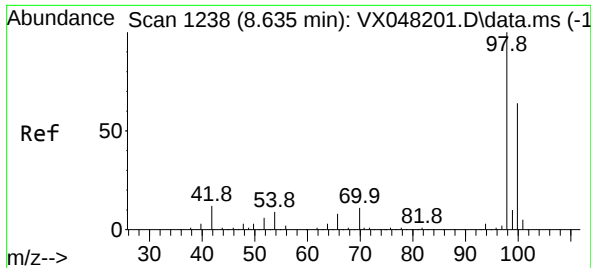
Tgt Ion:114 Resp: 206289
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion:113 Resp: 71528
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.3 15.1 22.7

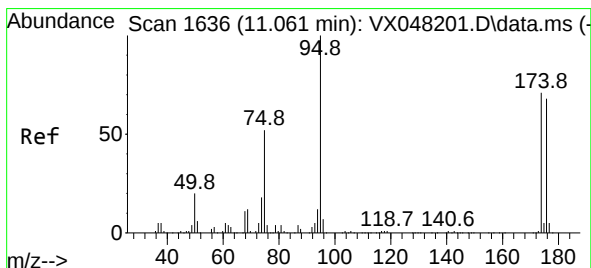
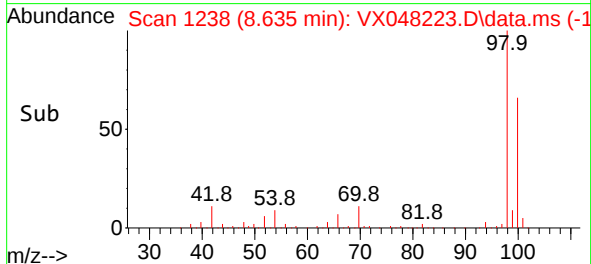
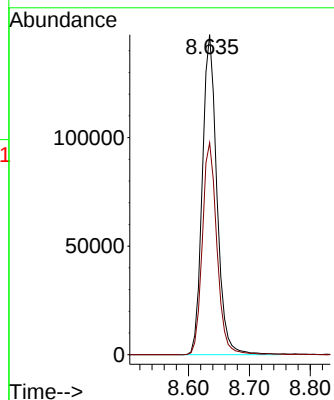
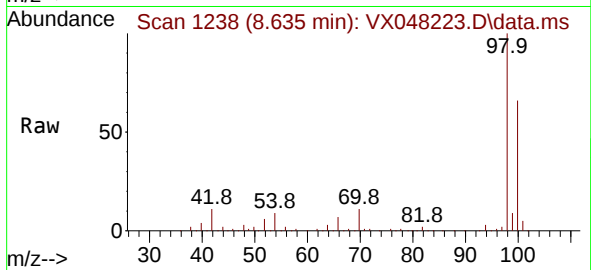




#50
Toluene-d8
Concen: 47.520 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

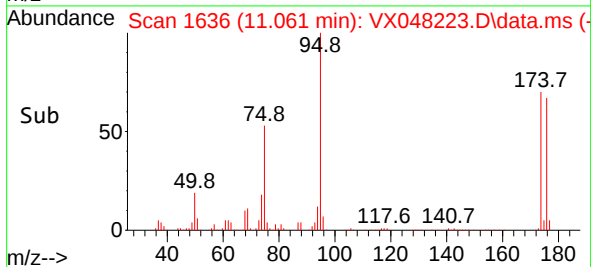
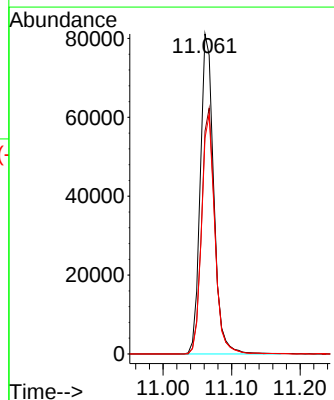
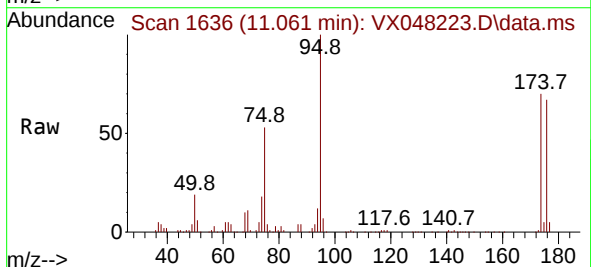
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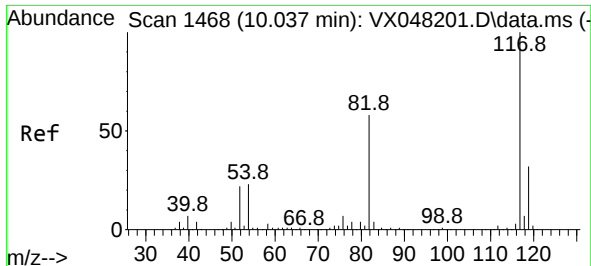
Tgt Ion: 98 Resp: 245100
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.041 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion: 95 Resp: 110915
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.8
176 73.7 0.0 142.8

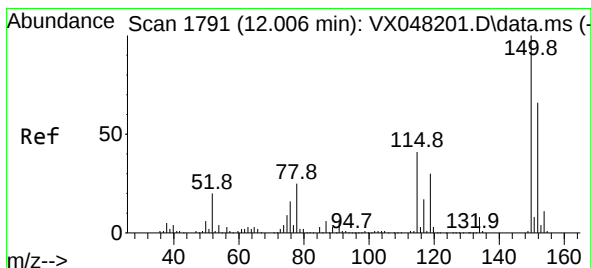
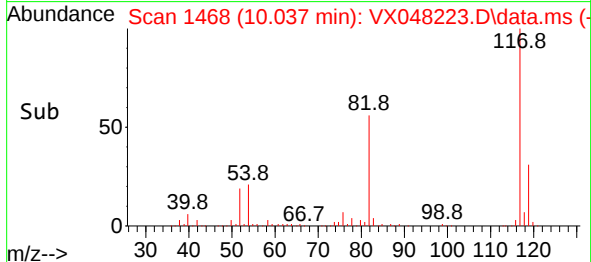
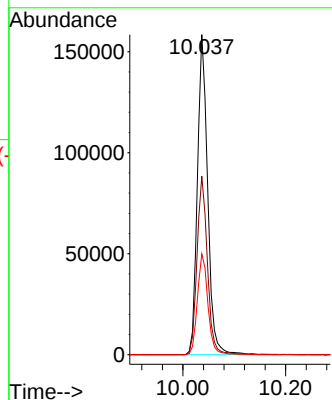
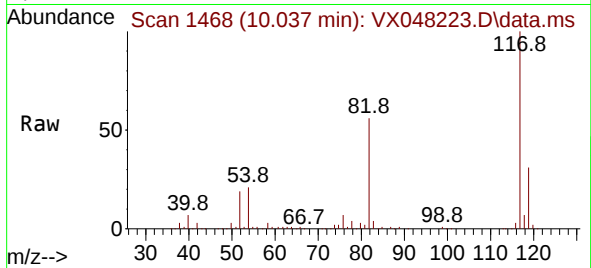




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048223.D
Acq: 17 Oct 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 219637
Ion Ratio Lower Upper
117 100
82 55.8 46.5 69.7
119 31.5 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: VX048223.D
Acq: 17 Oct 2025 18:58

Tgt Ion:152 Resp: 118165
Ion Ratio Lower Upper
152 100
115 61.2 43.1 129.4
150 155.7 0.0 353.0

