

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048468.D
 Acq On : 03 Nov 2025 19:06
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Nov 04 00:19:19 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	5.537	168	152620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	275559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	262307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115104	52.441	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.880%
35) Dibromofluoromethane	5.373	113	75342	47.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.635	98	328666	47.392	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.067	95	110063	42.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.860%

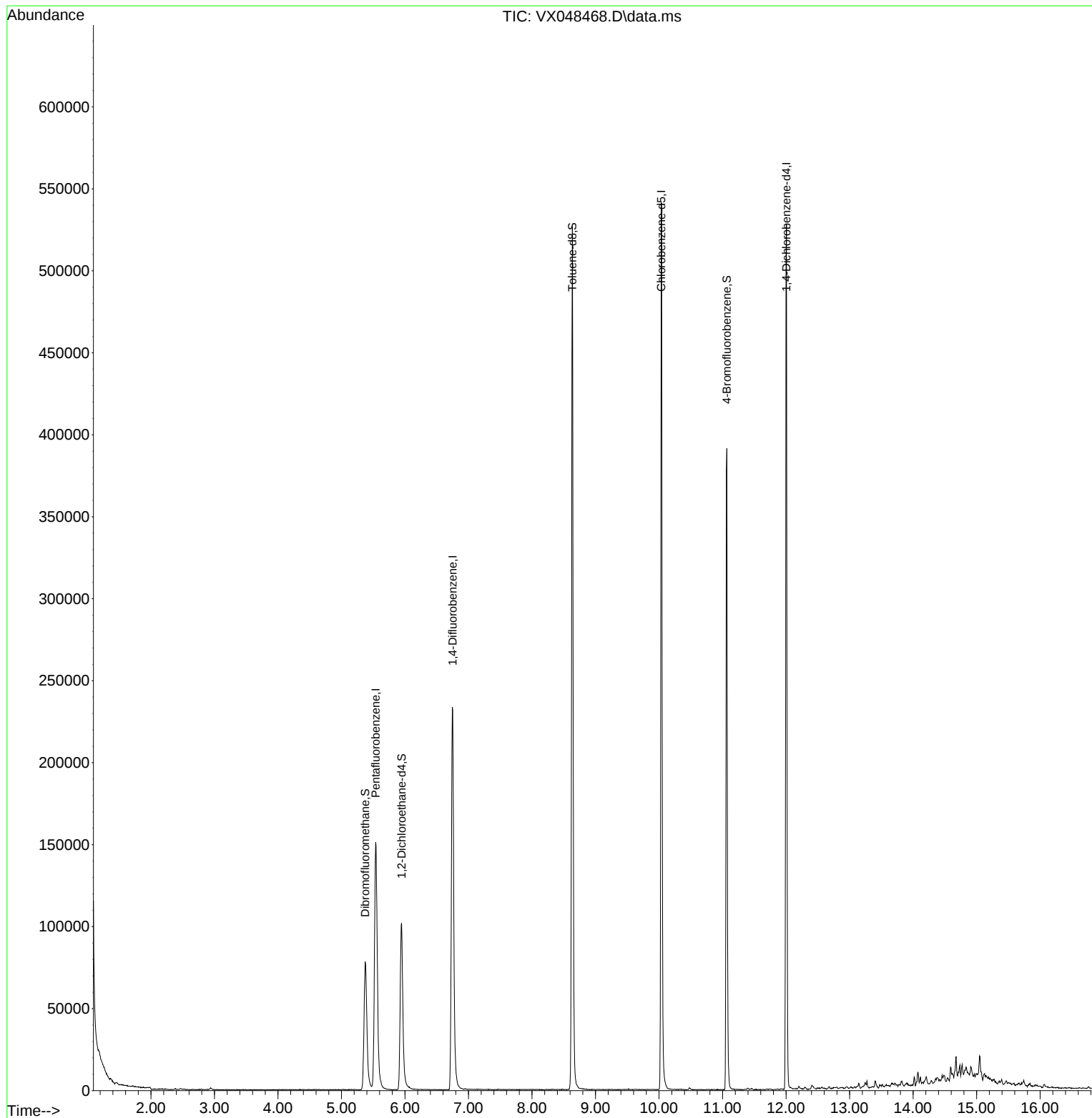
Target Compounds	Qvalue

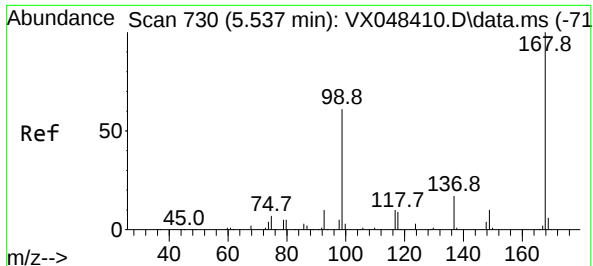
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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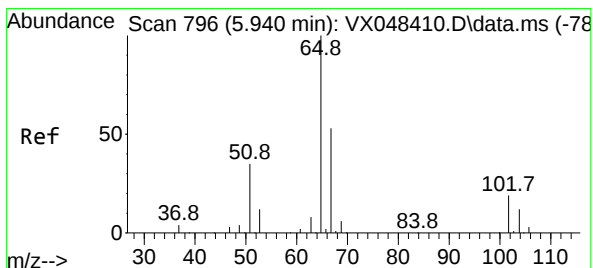
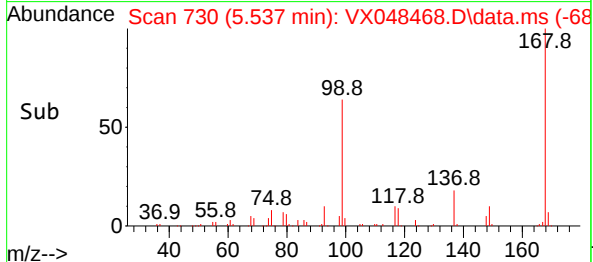
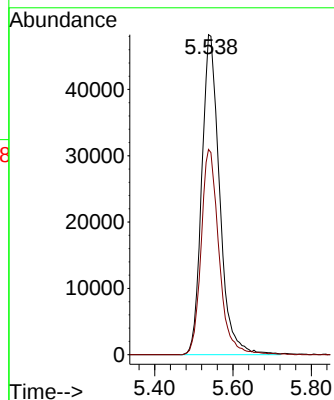
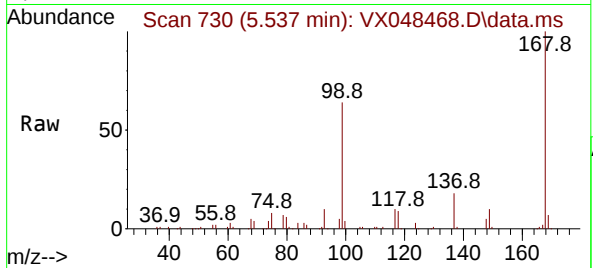




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048468.D
Acq: 03 Nov 2025 19:06

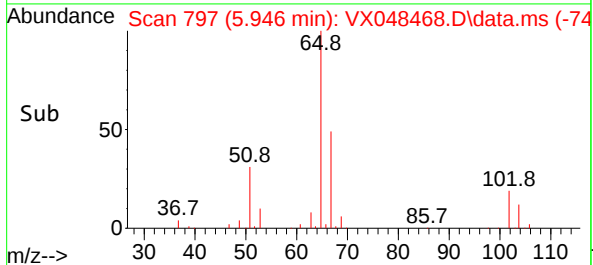
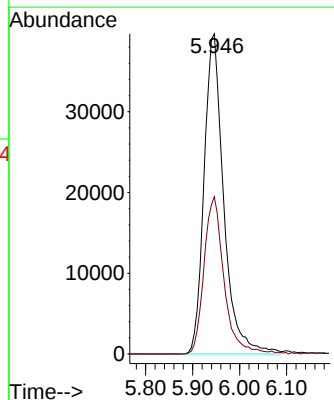
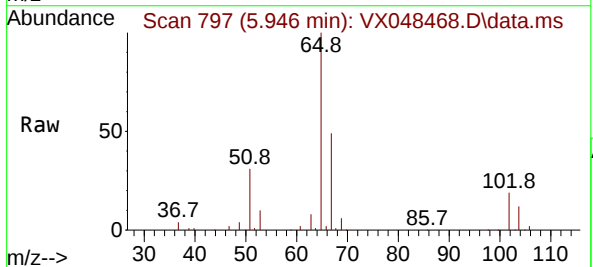
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

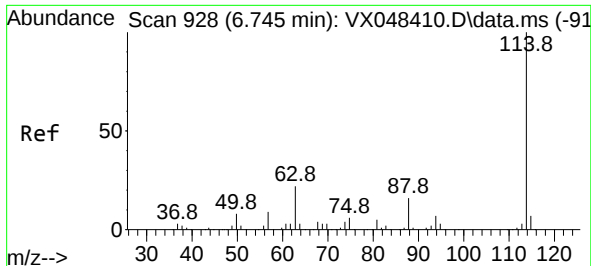
Tgt Ion:168 Resp: 152620
Ion Ratio Lower Upper
168 100
99 64.1 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 52.441 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048468.D
Acq: 03 Nov 2025 19:06

Tgt Ion: 65 Resp: 115104
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.0

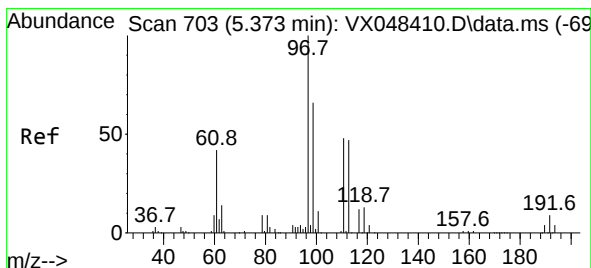
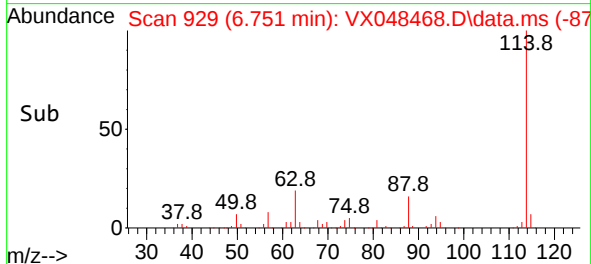
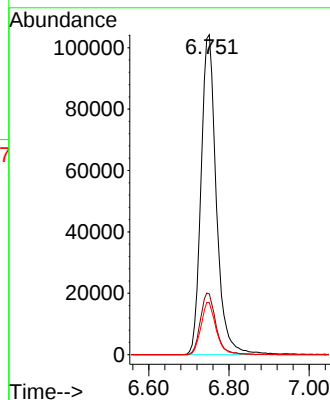
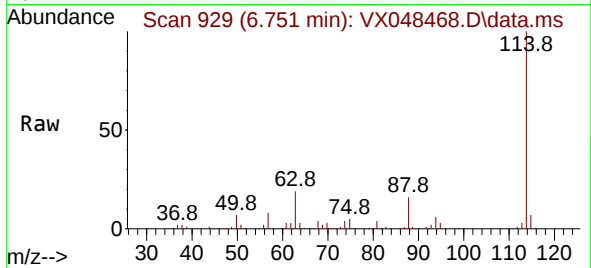




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048468.D
Acq: 03 Nov 2025 19:06

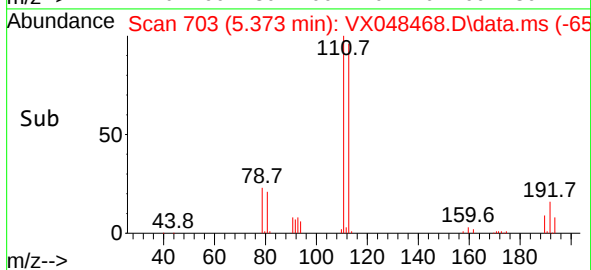
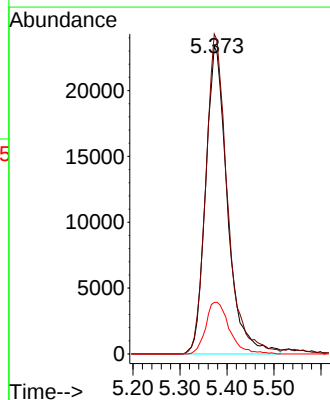
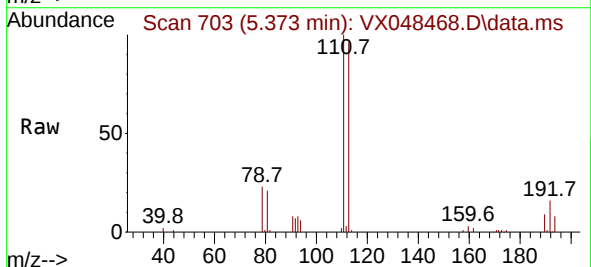
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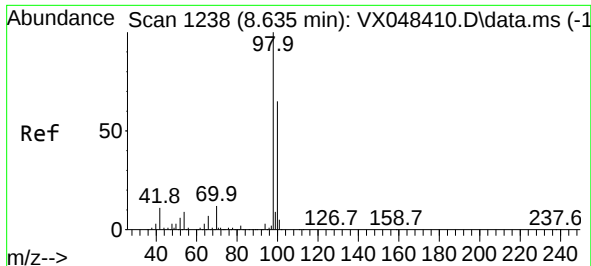
Tgt Ion:114 Resp: 275559
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 16.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.956 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048468.D
Acq: 03 Nov 2025 19:06

Tgt Ion:113 Resp: 75342
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.2 15.1 22.7

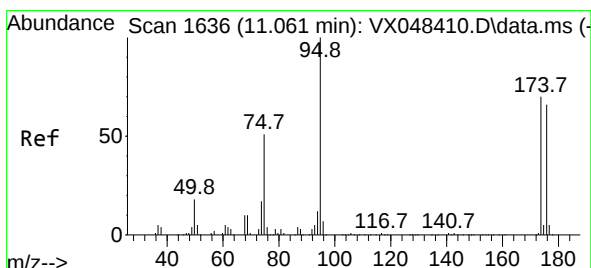
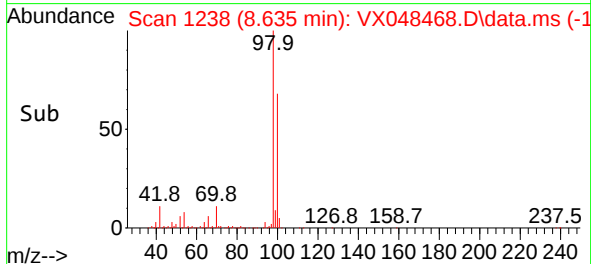
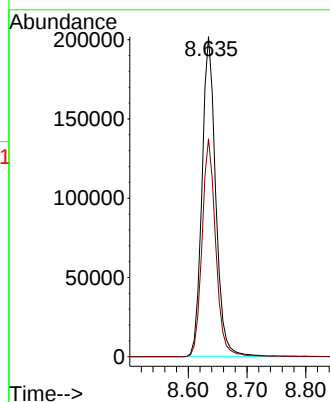
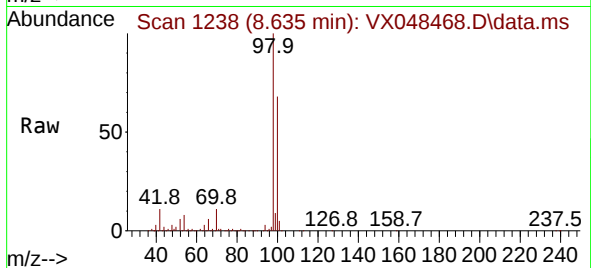




#50
Toluene-d8
Concen: 47.392 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048468.D
Acq: 03 Nov 2025 19:06

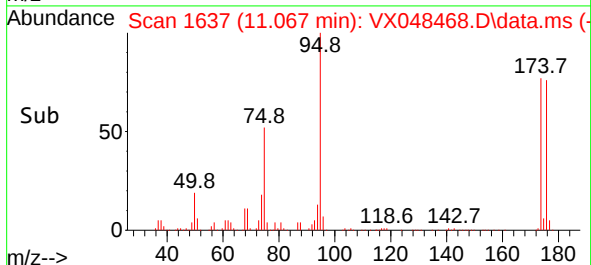
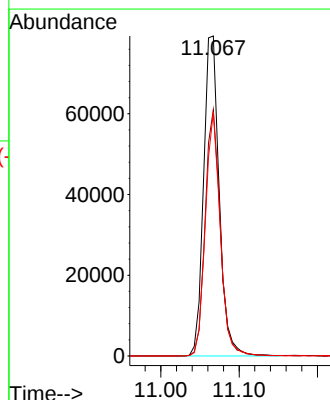
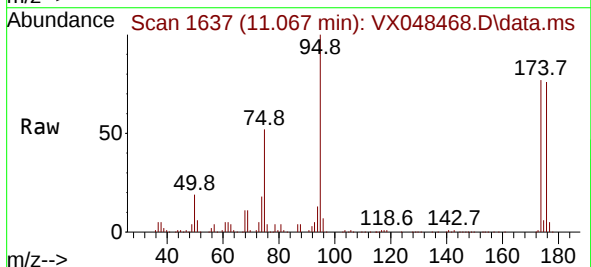
Instrument :
MSVOA_X
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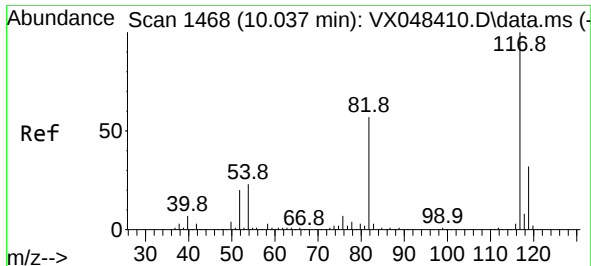
Tgt Ion: 98 Resp: 328666
Ion Ratio Lower Upper
98 100
100 67.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.425 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048468.D
Acq: 03 Nov 2025 19:06

Tgt Ion: 95 Resp: 110063
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.8
176 72.3 0.0 142.8

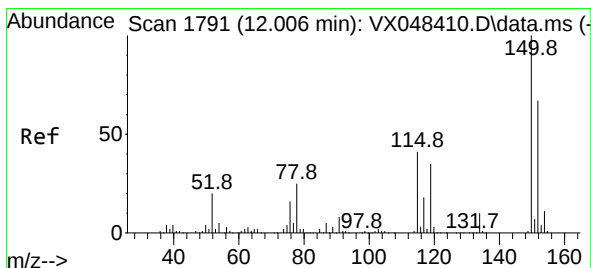
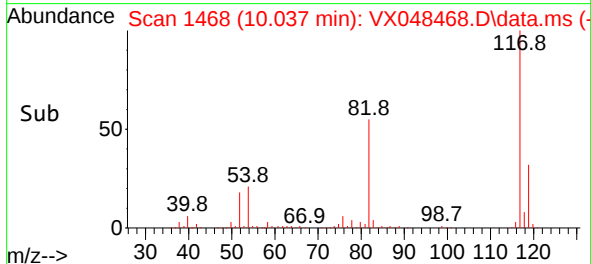
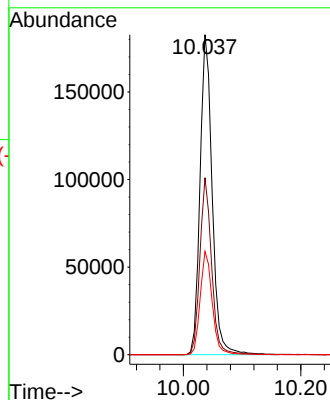
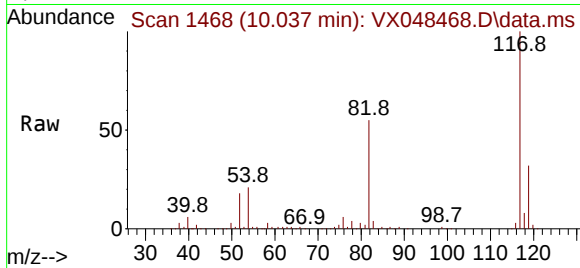




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048468.D
Acq: 03 Nov 2025 19:06

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 262307
Ion Ratio Lower Upper
117 100
82 55.3 46.5 69.7
119 32.2 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: VX048468.D
Acq: 03 Nov 2025 19:06

Tgt Ion:152 Resp: 109484
Ion Ratio Lower Upper
152 100
115 63.7 43.1 129.4
150 157.4 0.0 353.0

