

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048730.D
 Acq On : 05 Dec 2025 13:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 05 22:03:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	201739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	346458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	342813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	172458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122862	45.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.740%
35) Dibromofluoromethane	5.367	113	103817	43.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.040%
50) Toluene-d8	8.635	98	367436	43.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.880%#
62) 4-Bromofluorobenzene	11.061	95	143576	49.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.580%

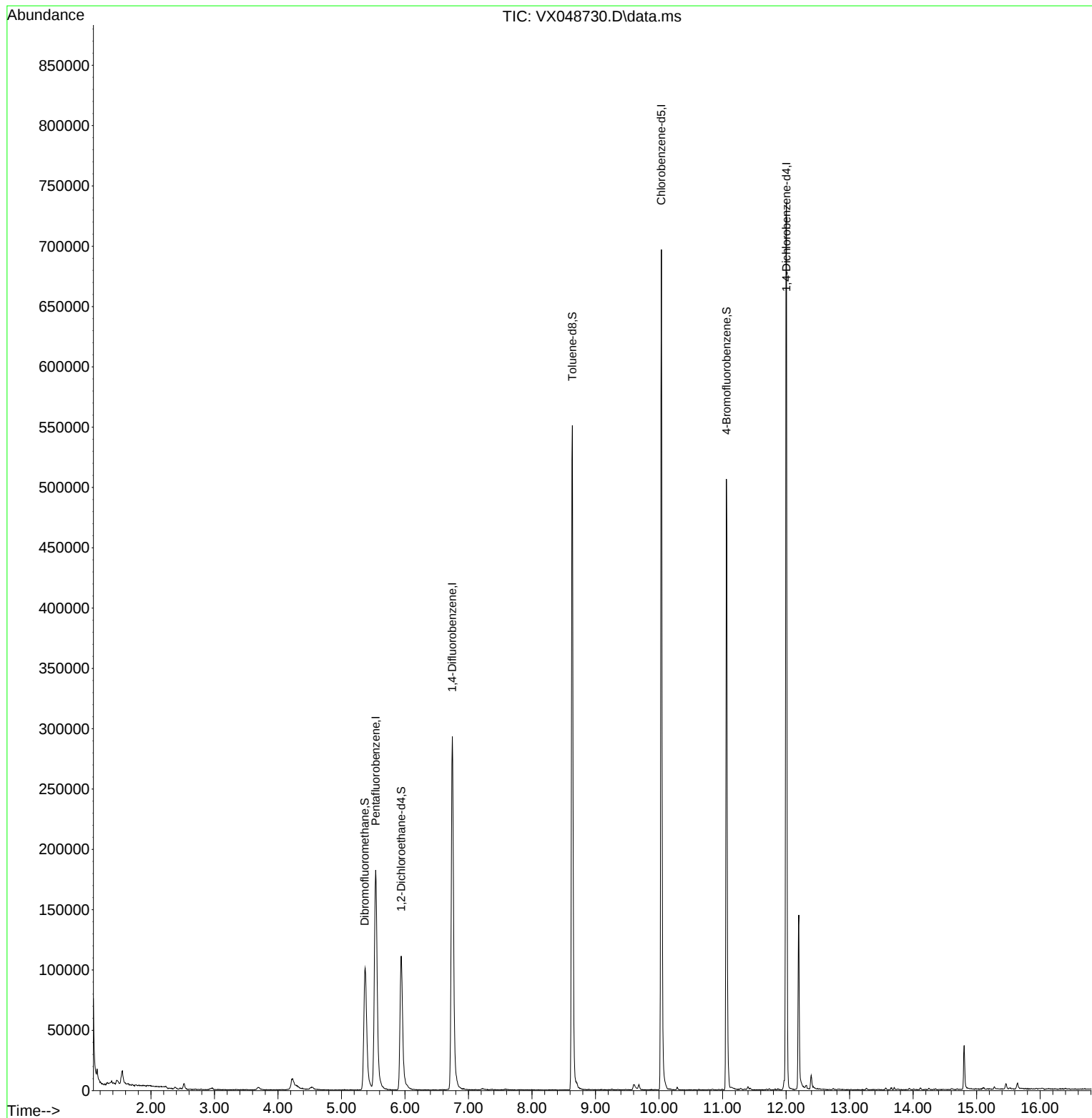
Target Compounds	Qvalue

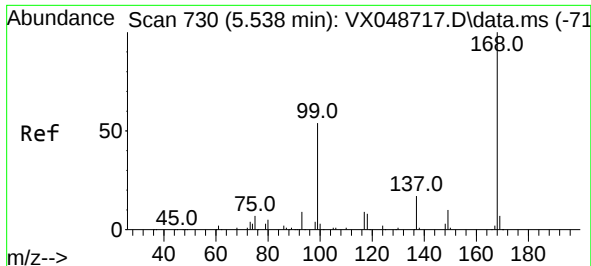
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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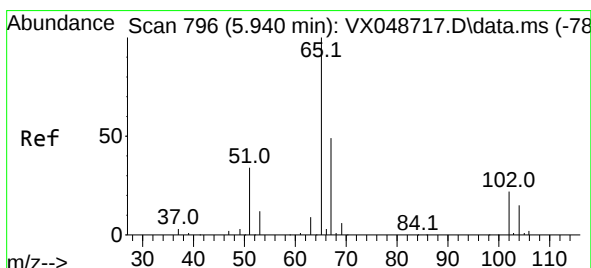
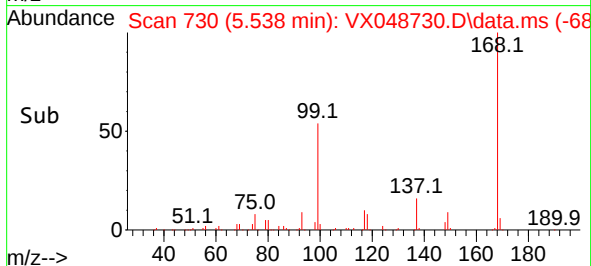
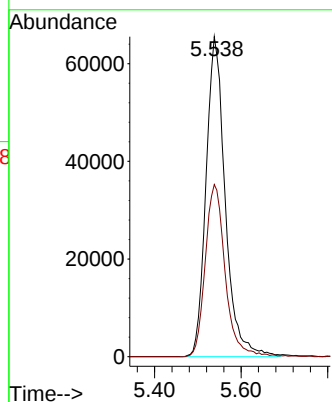
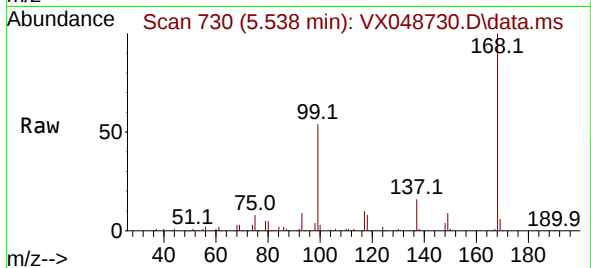




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

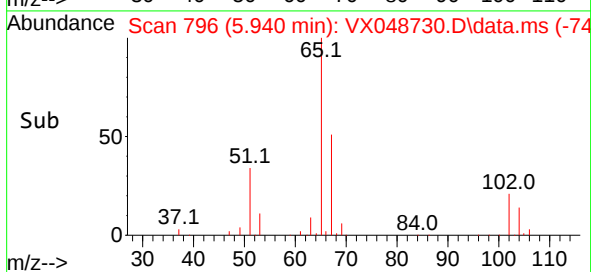
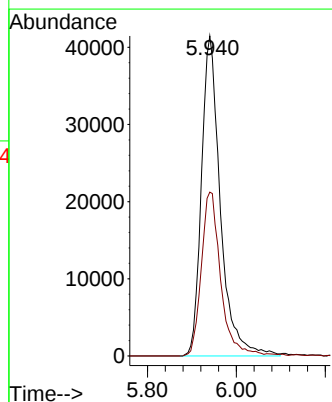
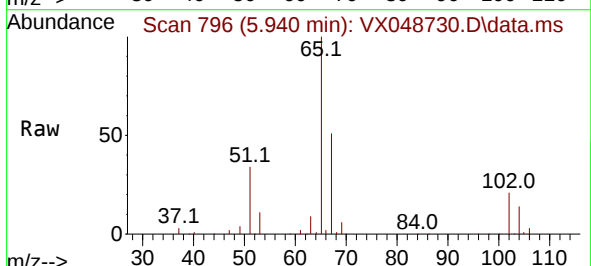
Instrument :
MSVOA_X
ClientSampleId :
IBLK

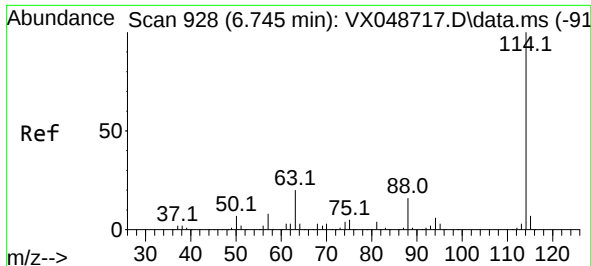
Tgt Ion:168 Resp: 201739
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.375 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

Tgt Ion: 65 Resp: 122862
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

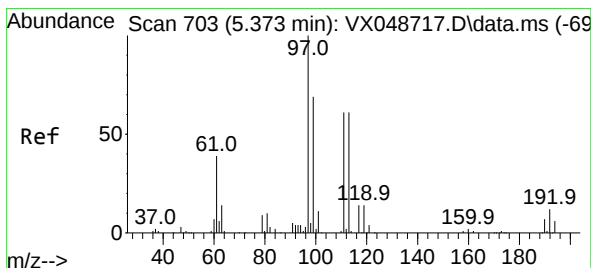
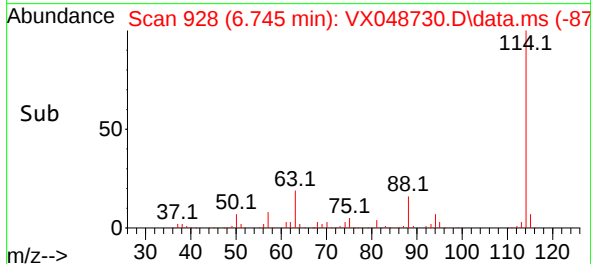
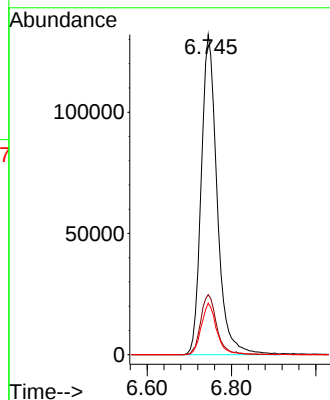
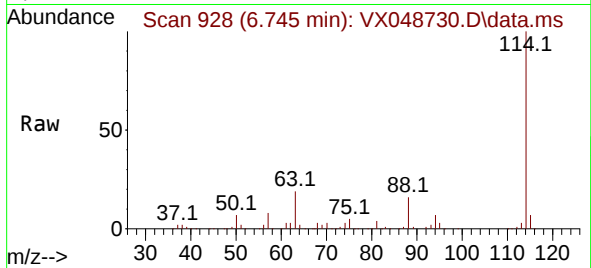




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

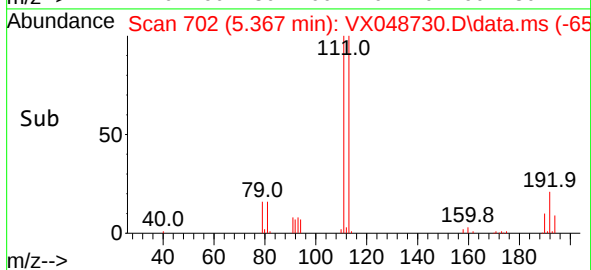
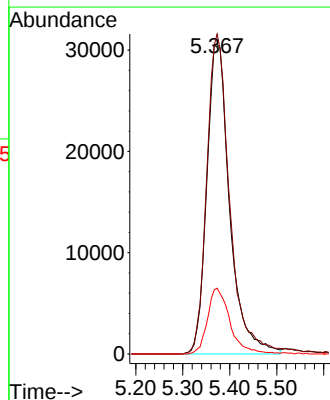
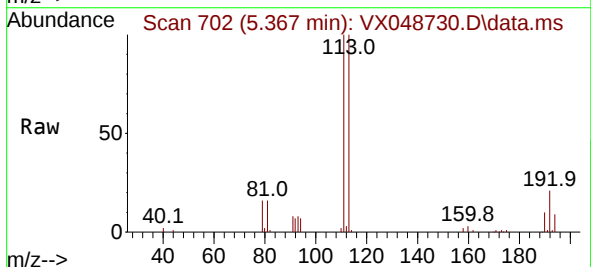
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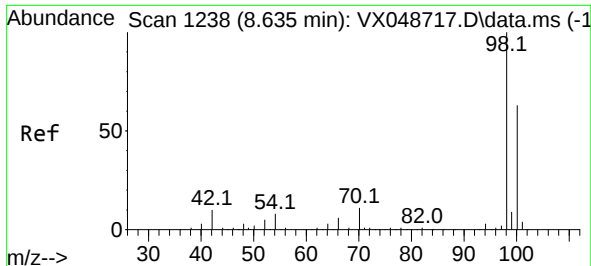
Tgt Ion:114 Resp: 346458
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.0
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.520 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

Tgt Ion:113 Resp: 103817
Ion Ratio Lower Upper
113 100
111 104.5 79.5 119.3
192 20.8 16.1 24.1

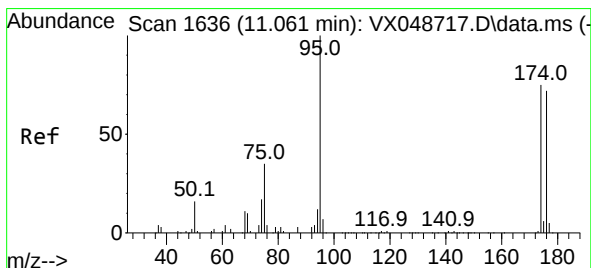
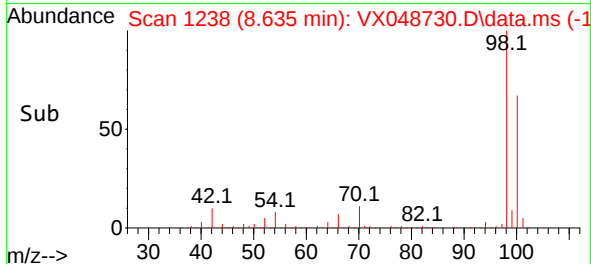
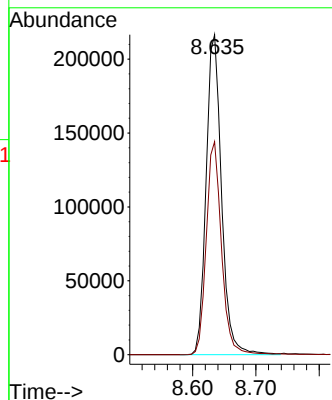
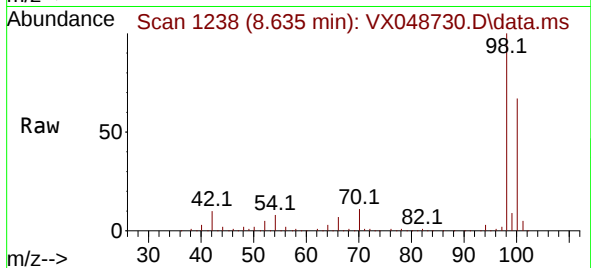




#50
Toluene-d8
Concen: 43.942 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

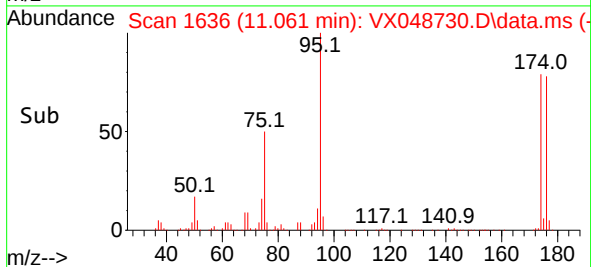
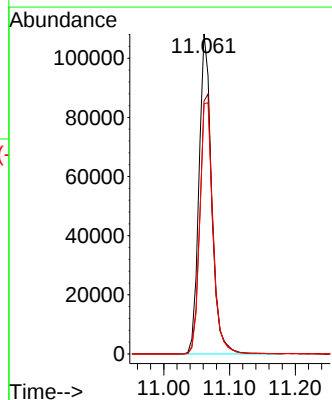
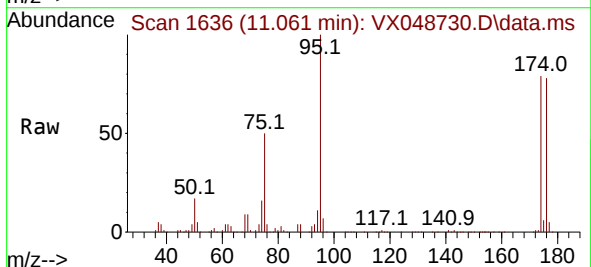
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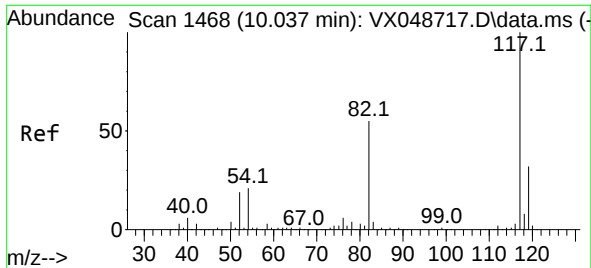
Tgt Ion: 98 Resp: 367436
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.793 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

Tgt Ion: 95 Resp: 143576
Ion Ratio Lower Upper
95 100
174 84.3 0.0 157.8
176 81.7 0.0 154.0

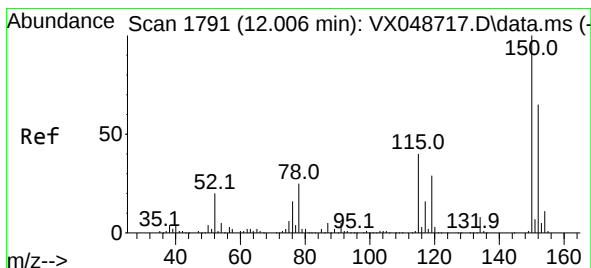
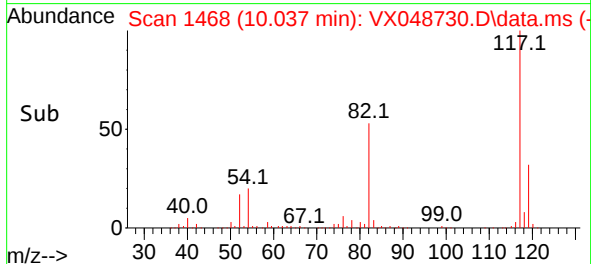
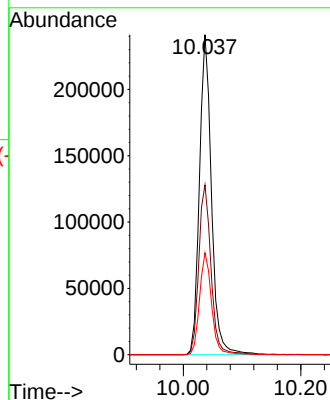
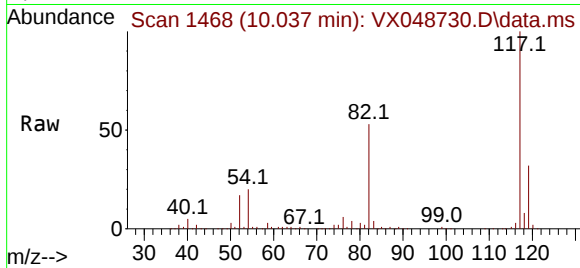




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 342813
Ion Ratio Lower Upper
117 100
82 53.1 44.1 66.1
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048730.D
Acq: 05 Dec 2025 13:10

Tgt Ion:152 Resp: 172458
Ion Ratio Lower Upper
152 100
115 58.4 42.1 126.4
150 159.1 0.0 347.8

