

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046902.D
 Acq On : 07 Jul 2025 13:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 08 04:52:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 04:37:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	387345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	679390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	616906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	306943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	261983	51.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.400%
35) Dibromofluoromethane	5.397	113	222695	48.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.653	98	813973	50.026	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.060%
62) 4-Bromofluorobenzene	11.079	95	306274	49.527	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%

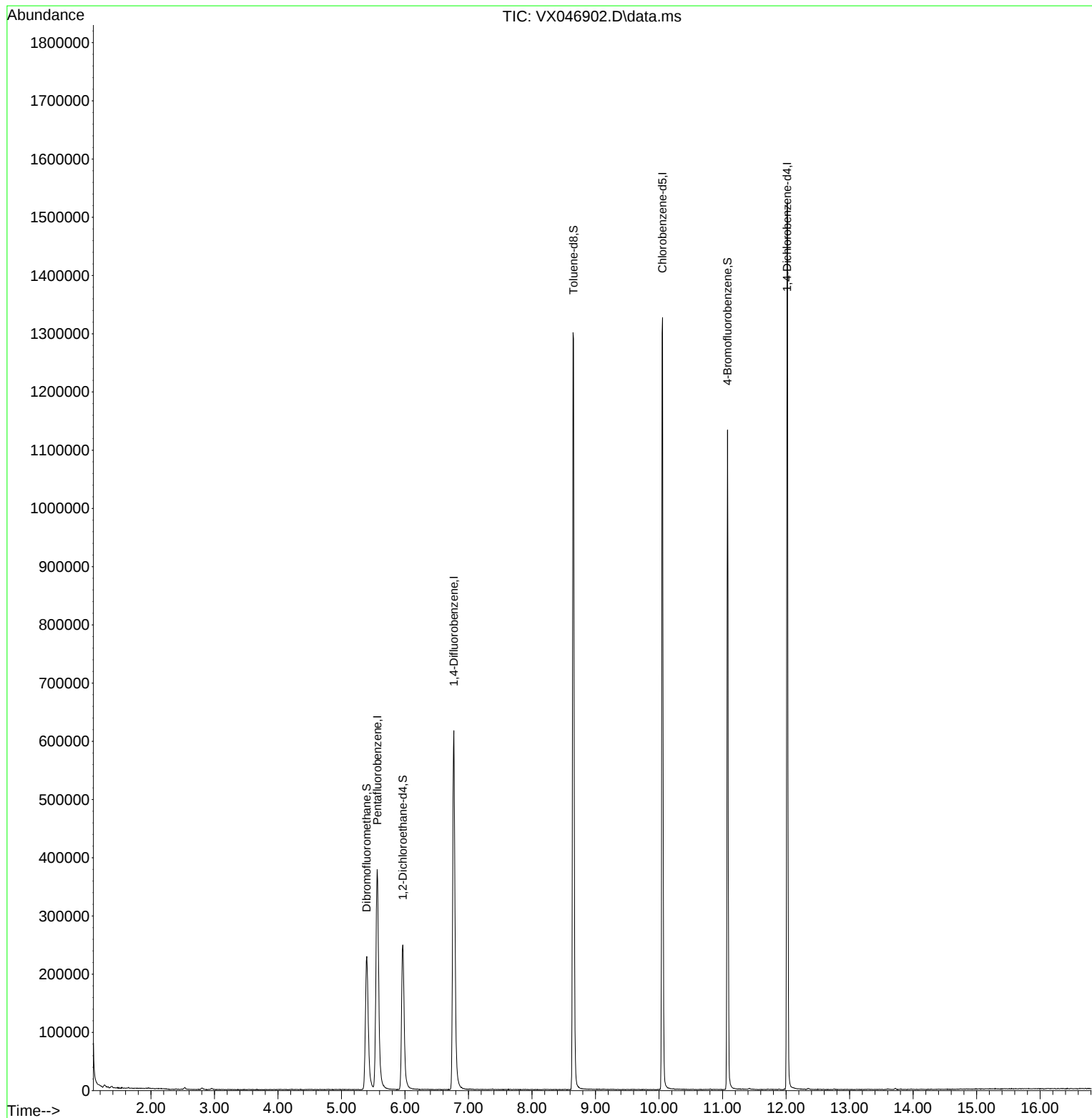
Target Compounds	Qvalue

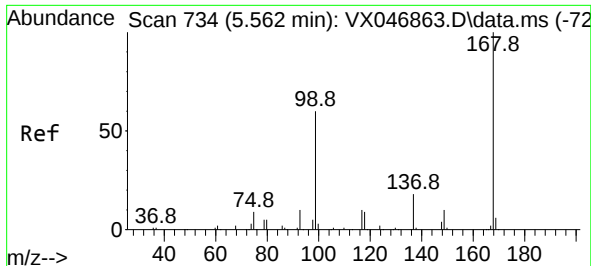
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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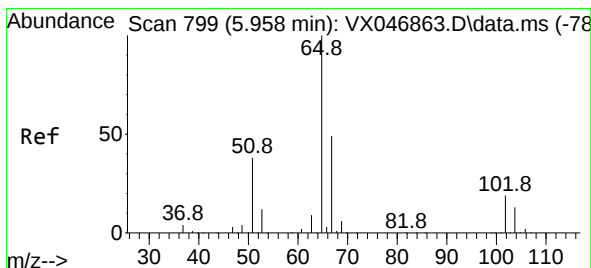
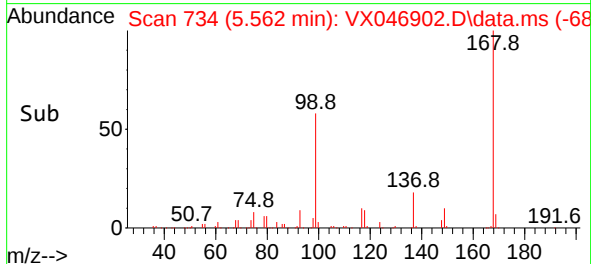
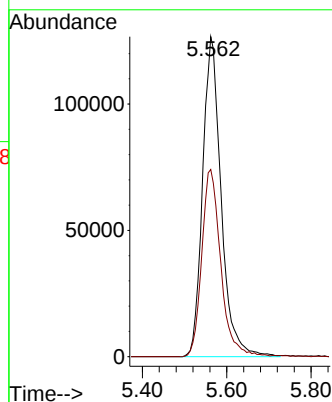
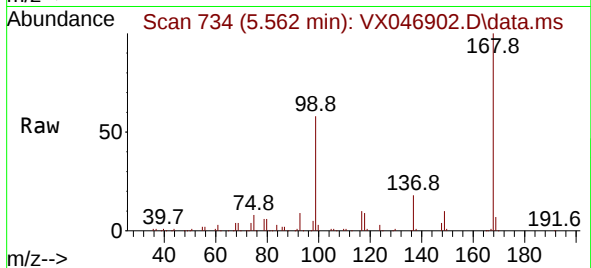




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046902.D
Acq: 07 Jul 2025 13:07

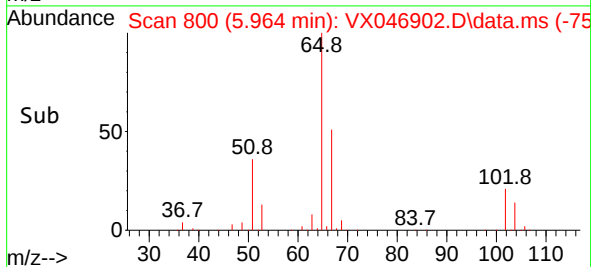
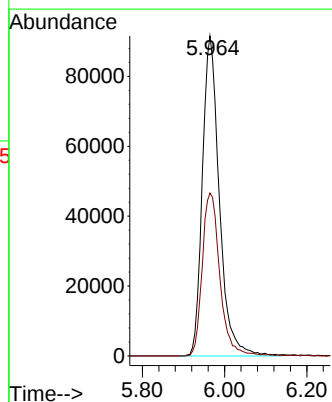
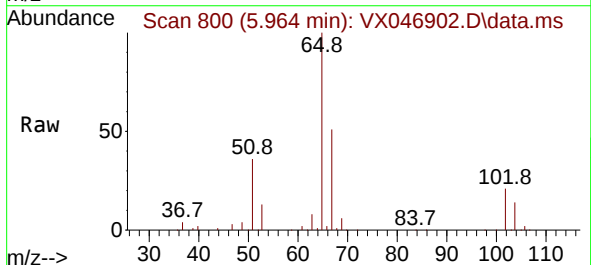
Instrument :
MSVOA_X
ClientSampleId :
IBLK

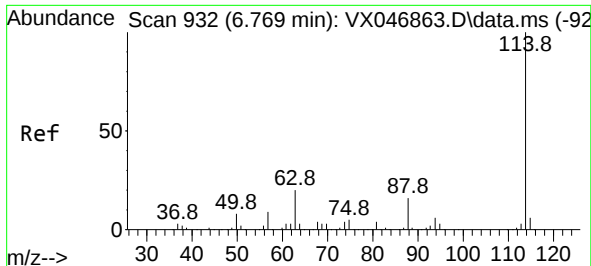
Tgt Ion:168 Resp: 387345
Ion Ratio Lower Upper
168 100
99 58.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.197 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046902.D
Acq: 07 Jul 2025 13:07

Tgt Ion: 65 Resp: 261983
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2

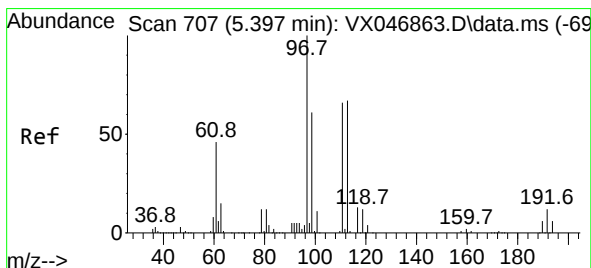
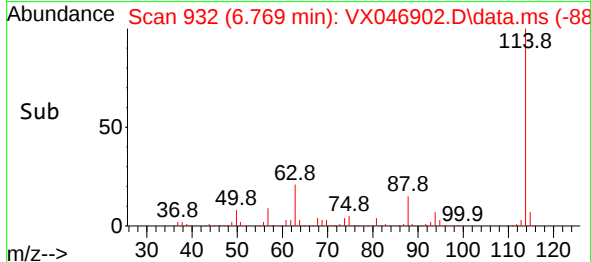
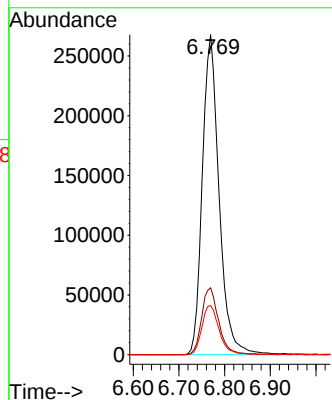
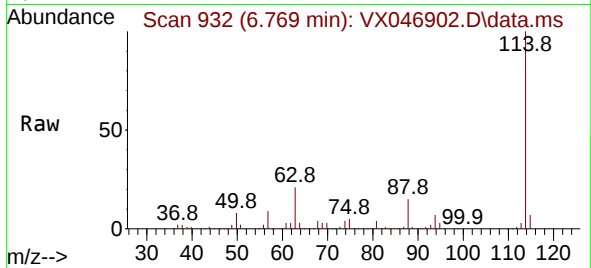




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX046902.D
 Acq: 07 Jul 2025 13:07

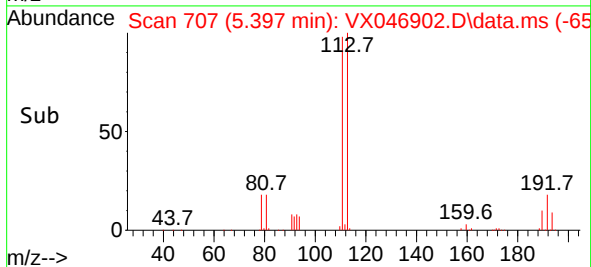
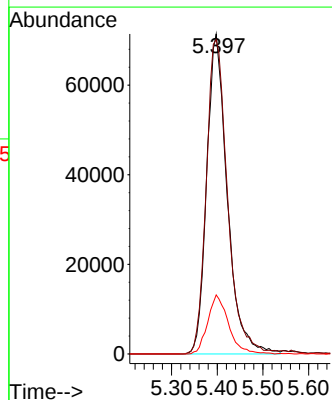
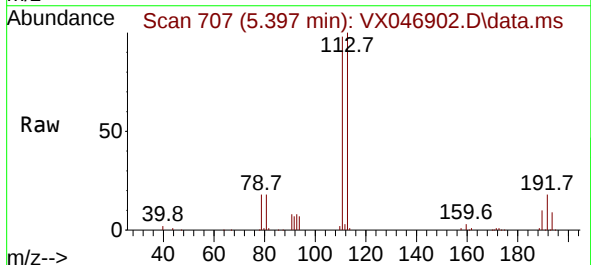
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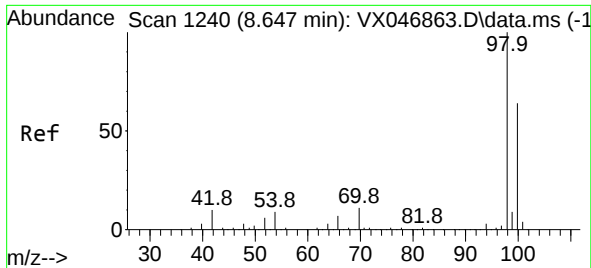
Tgt Ion:114 Resp: 679390
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.4
 88 15.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 48.289 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX046902.D
 Acq: 07 Jul 2025 13:07

Tgt Ion:113 Resp: 222695
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 18.7 15.3 22.9

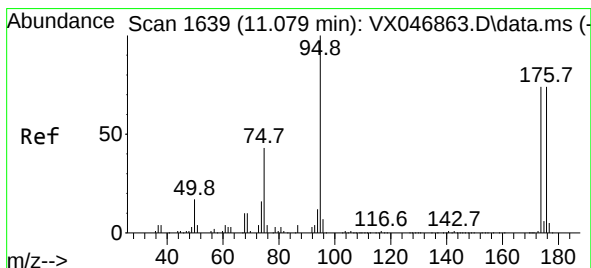
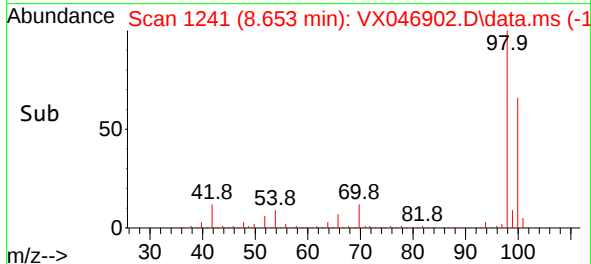
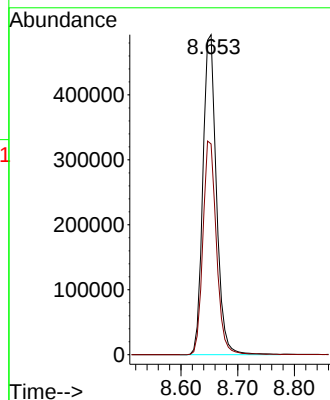
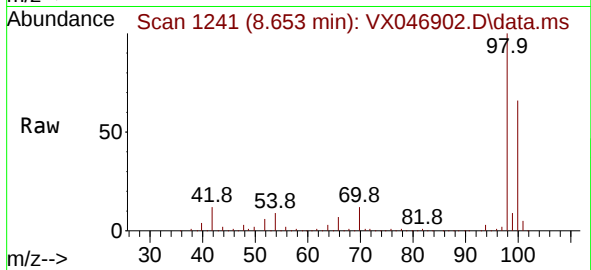




#50
Toluene-d8
Concen: 50.026 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046902.D
Acq: 07 Jul 2025 13:07

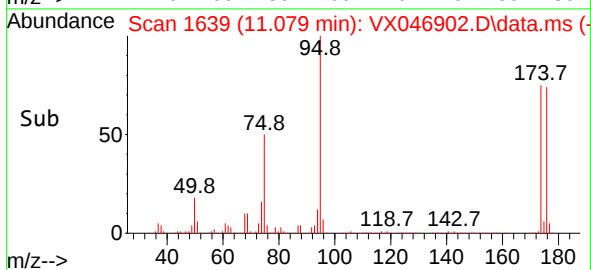
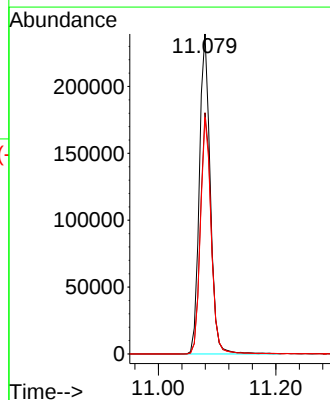
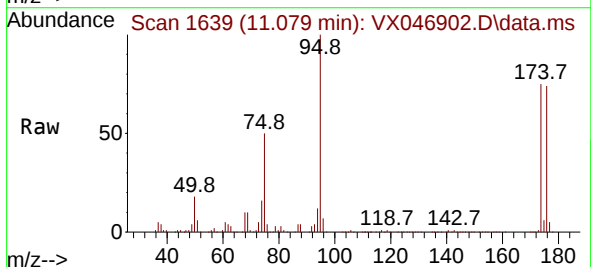
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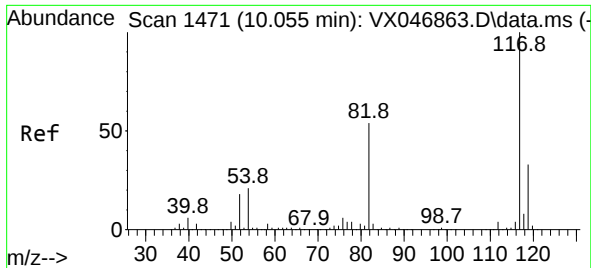
Tgt Ion: 98 Resp: 813973
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046902.D
Acq: 07 Jul 2025 13:07

Tgt Ion: 95 Resp: 306274
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.0
176 72.6 0.0 145.2

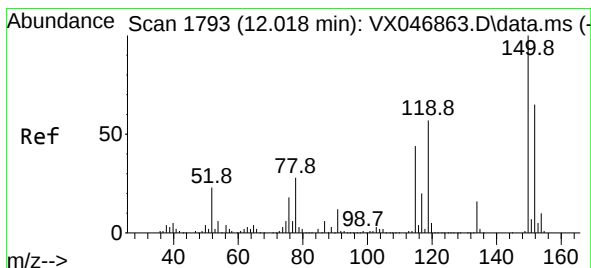
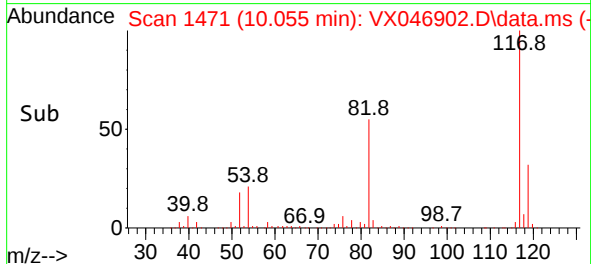
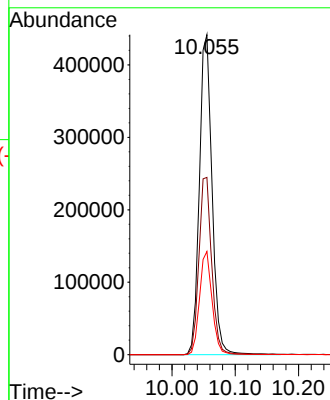
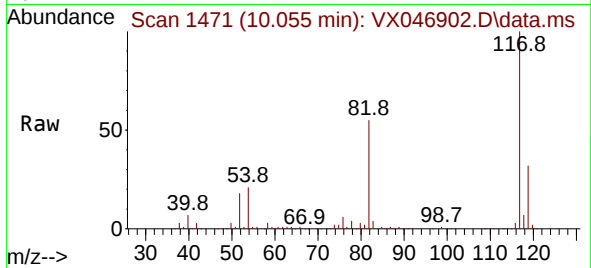




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046902.D
Acq: 07 Jul 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 616906
Ion Ratio Lower Upper
117 100
82 55.4 43.3 64.9
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046902.D
Acq: 07 Jul 2025 13:07

Tgt Ion:152 Resp: 306943
Ion Ratio Lower Upper
152 100
115 60.6 42.4 127.1
150 156.9 0.0 349.2

