

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046952.D
 Acq On : 10 Jul 2025 17:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 11 01:35:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	468309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	823051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	760993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	384583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	319102	51.578	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.160%
35) Dibromofluoromethane	5.397	113	269984	48.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.640%
50) Toluene-d8	8.653	98	989697	50.208	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.420%
62) 4-Bromofluorobenzene	11.079	95	380518	50.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.580%

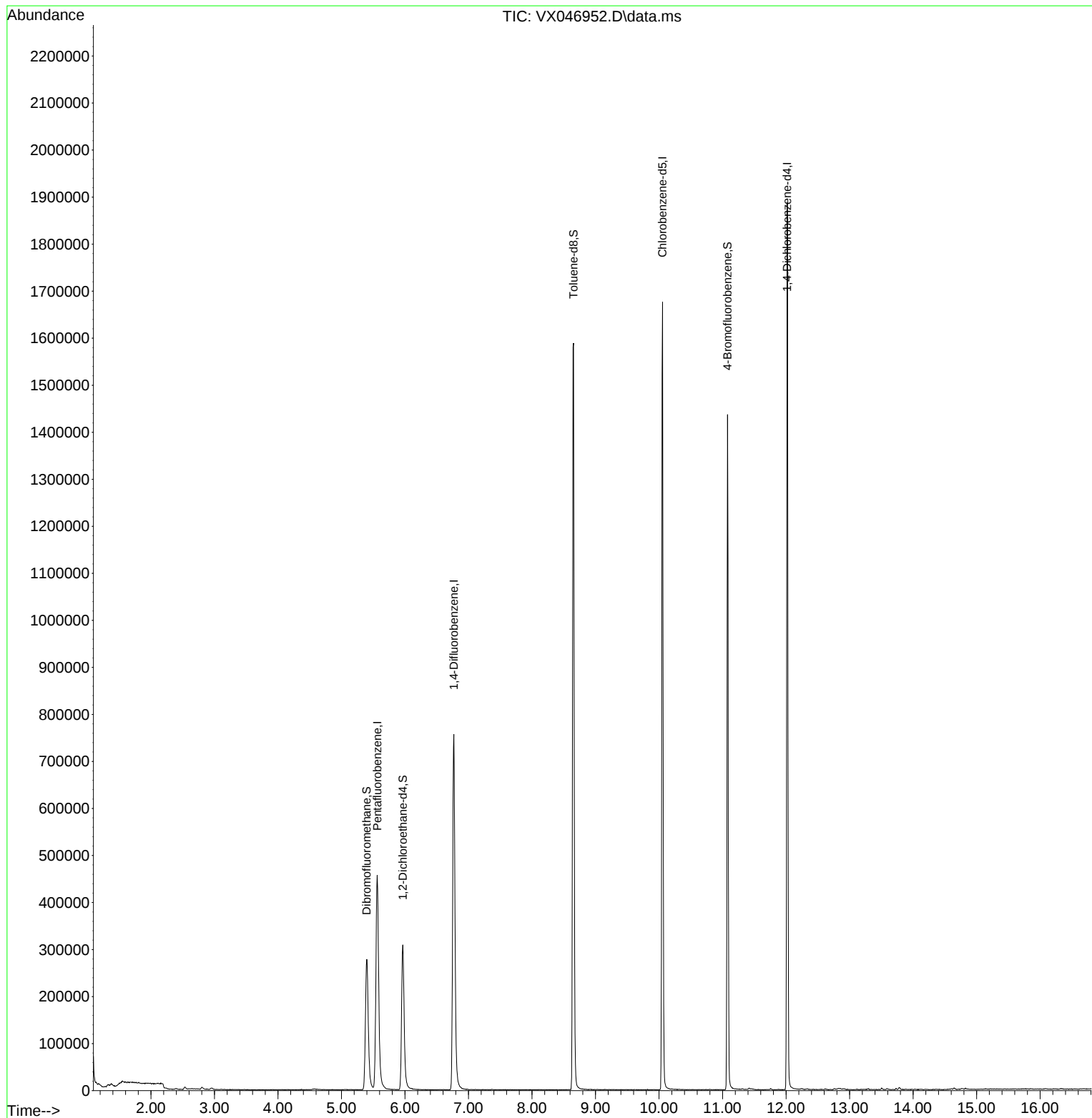
Target Compounds	Qvalue

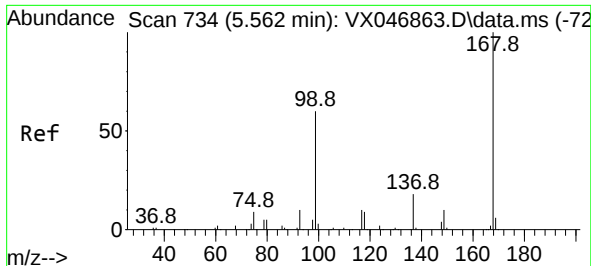
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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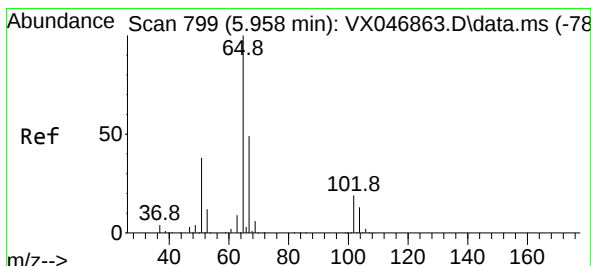
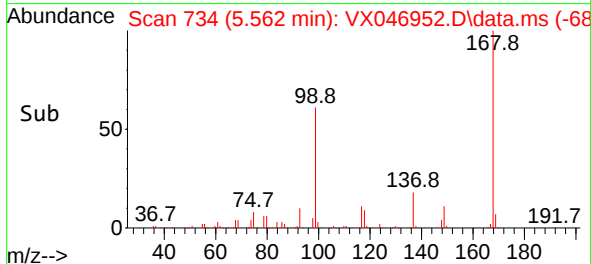
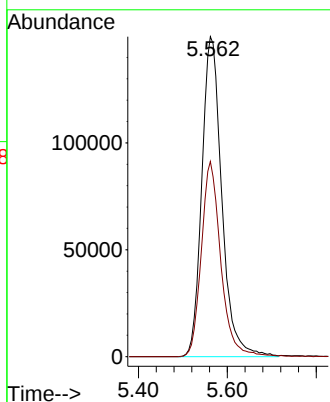
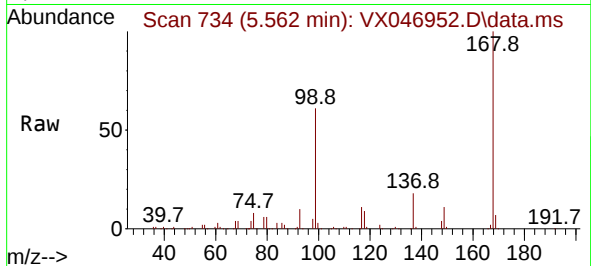




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

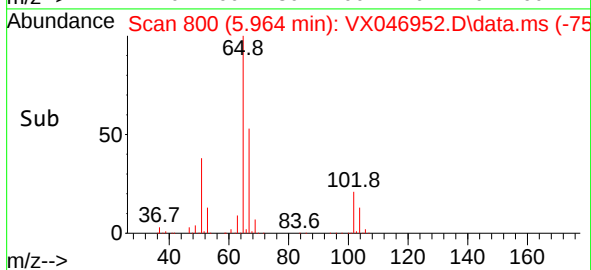
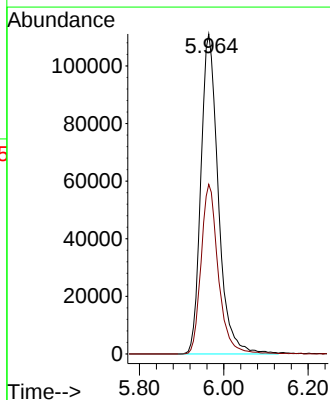
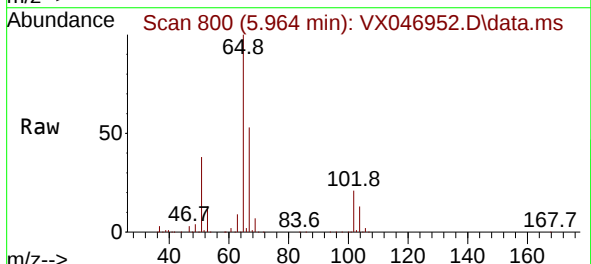
Instrument :
MSVOA_X
ClientSampleId :
IBLK

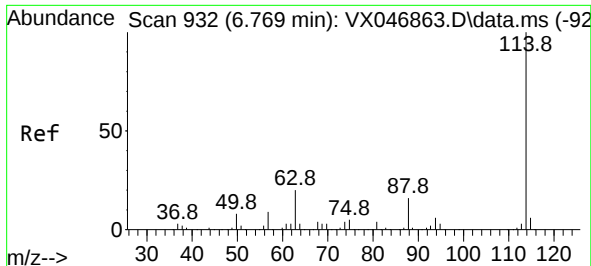
Tgt Ion:168 Resp: 468309
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.578 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 65 Resp: 319102
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

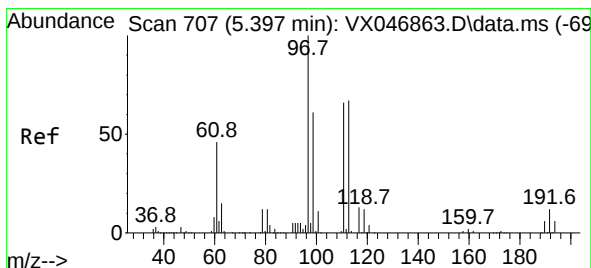
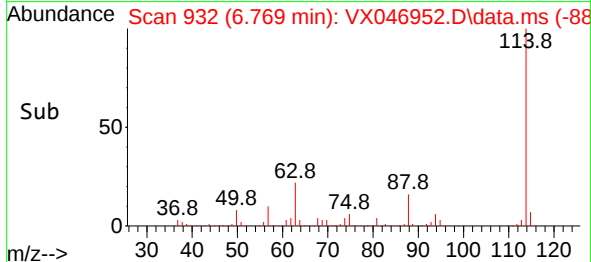
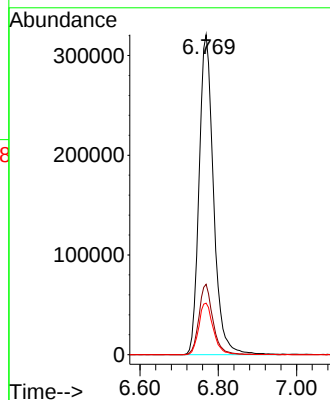
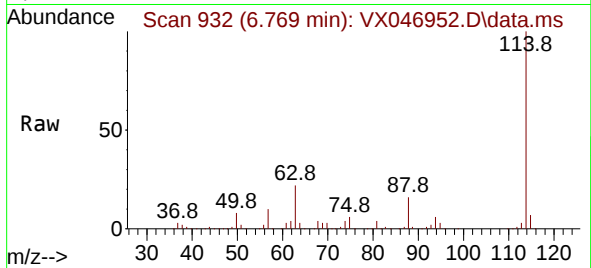




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

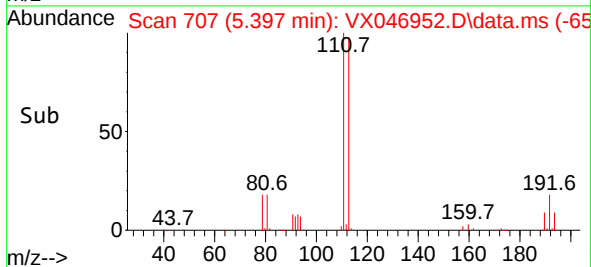
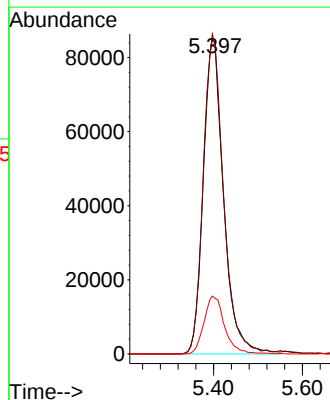
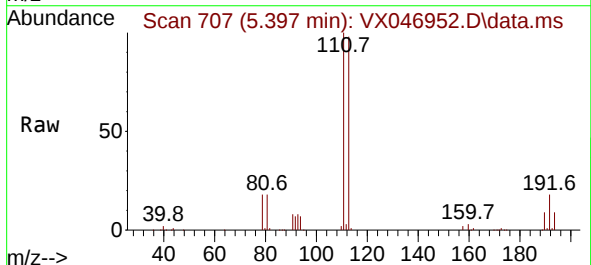
Instrument :
MSVOA_X
ClientSampleId :
IBLK

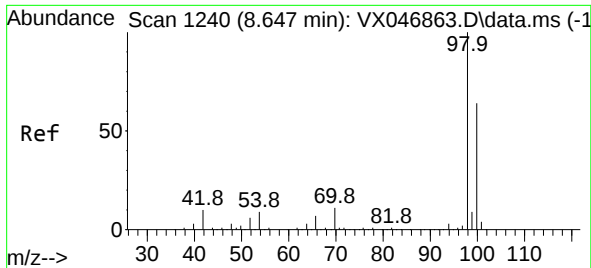
Tgt Ion:114 Resp: 823051
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.4
88 16.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.325 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion:113 Resp: 269984
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 18.7 15.3 22.9

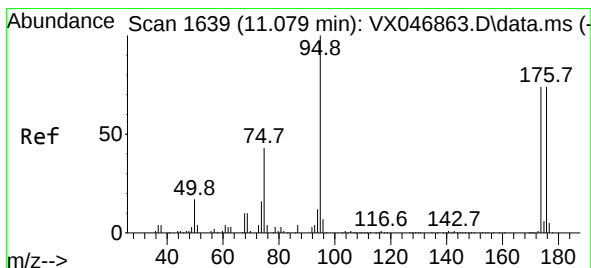
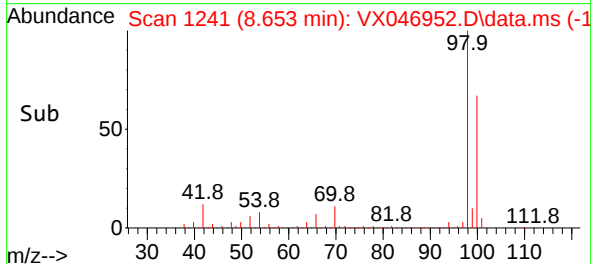
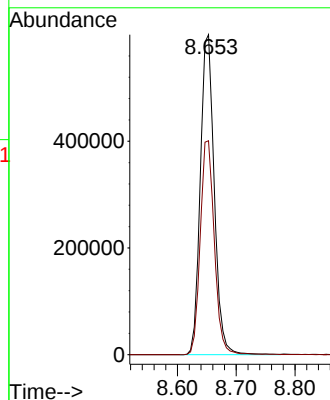
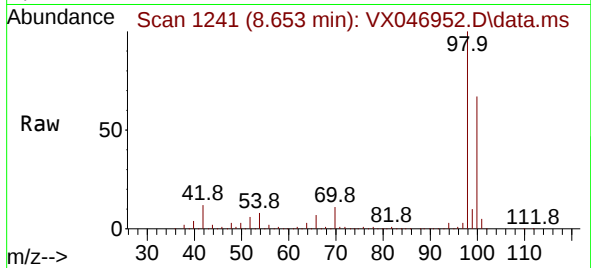




#50
Toluene-d8
Concen: 50.208 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

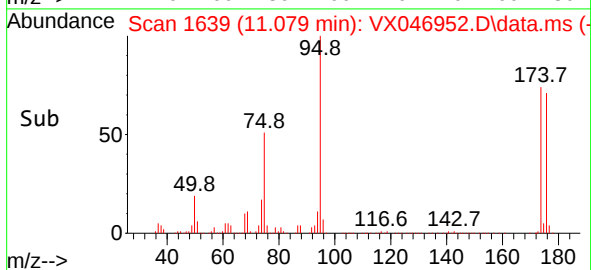
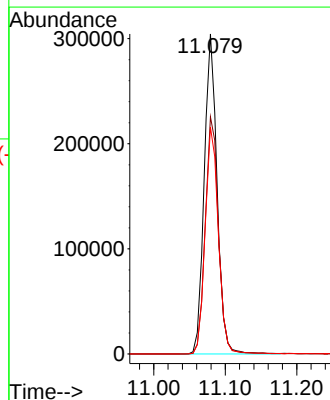
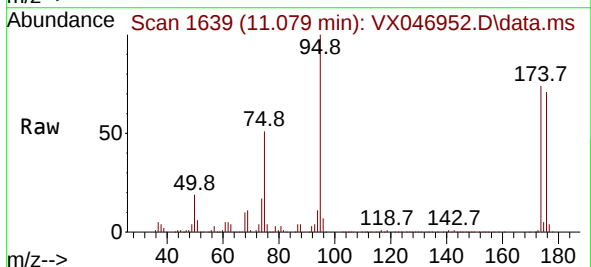
Instrument :
MSVOA_X
ClientSampleId :
IBLK

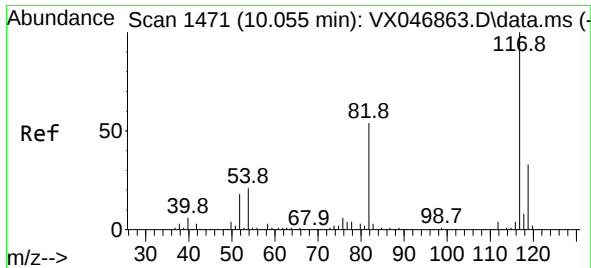
Tgt Ion: 98 Resp: 989697
Ion Ratio Lower Upper
98 100
100 67.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion: 95 Resp: 380518
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.0
176 73.0 0.0 145.2

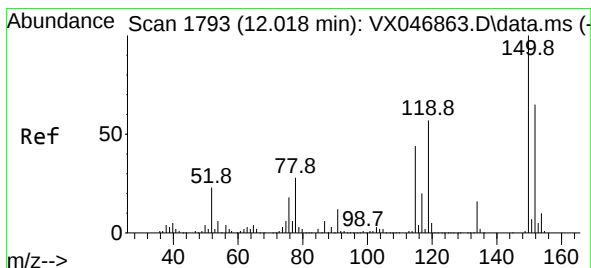
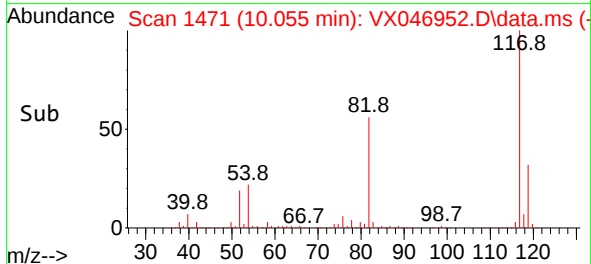
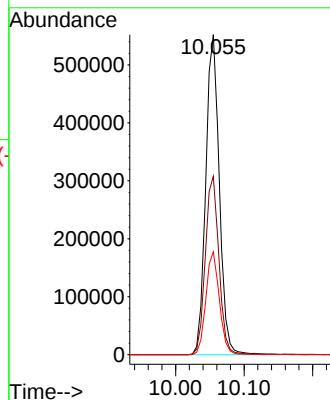
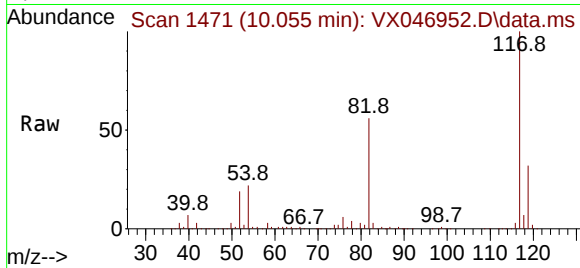




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046952.D
Acq: 10 Jul 2025 17:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 760993
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 32.1 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: VX046952.D
Acq: 10 Jul 2025 17:55

Tgt Ion:152 Resp: 384583
Ion Ratio Lower Upper
152 100
115 60.7 42.4 127.1
150 160.1 0.0 349.2

