

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047157.D
 Acq On : 28 Jul 2025 11:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 29 02:14:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	300410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	528273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	202123	54.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.020%
35) Dibromofluoromethane	5.397	113	166441	51.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.060%
50) Toluene-d8	8.653	98	505304	47.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	240356	52.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.600%

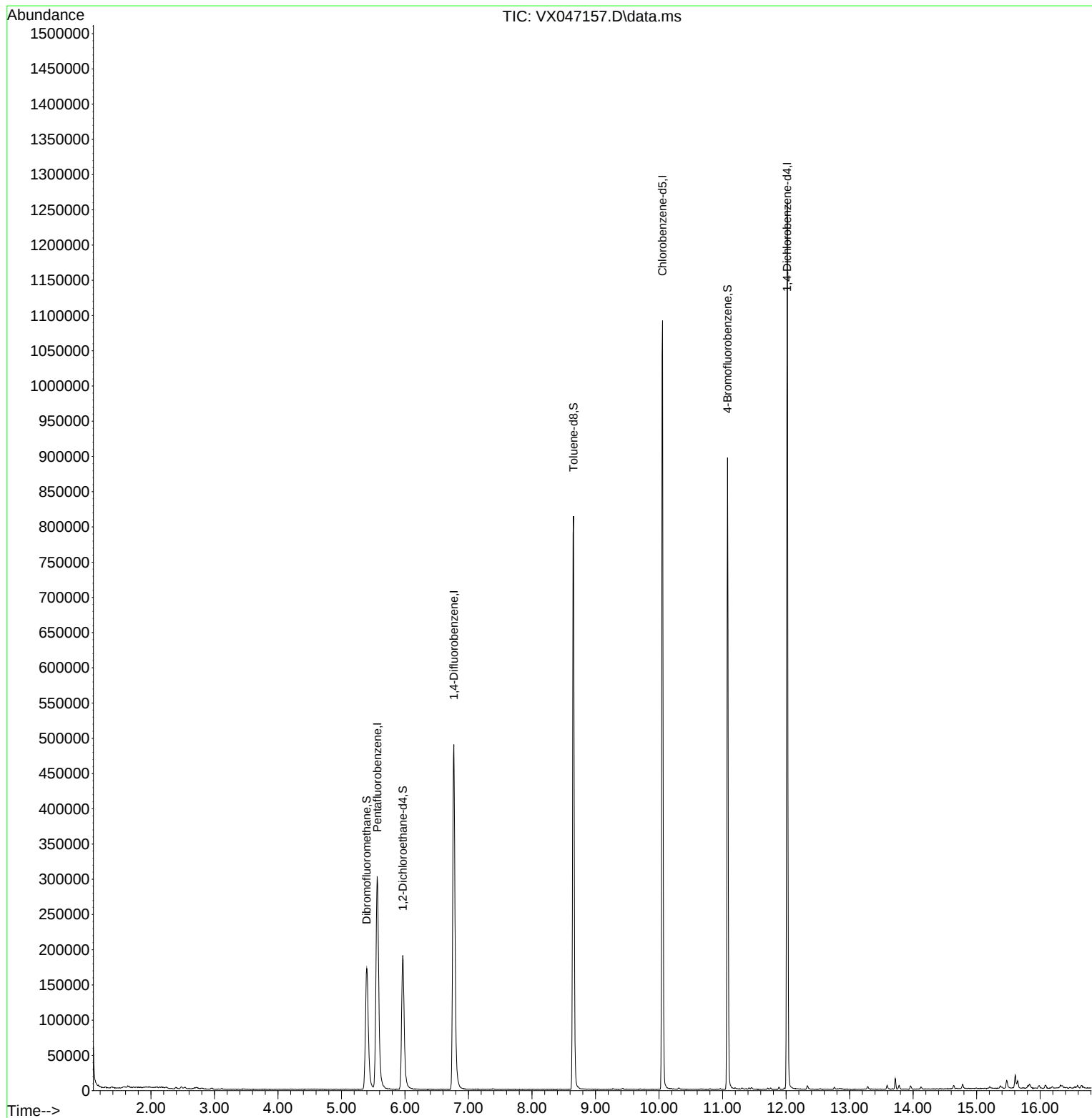
Target Compounds	Qvalue

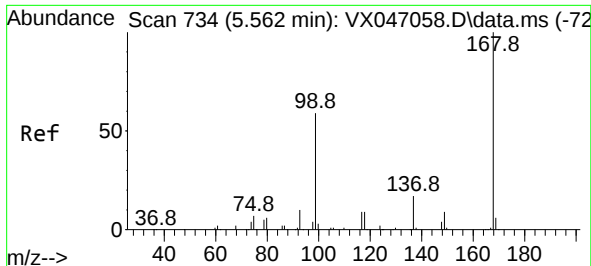
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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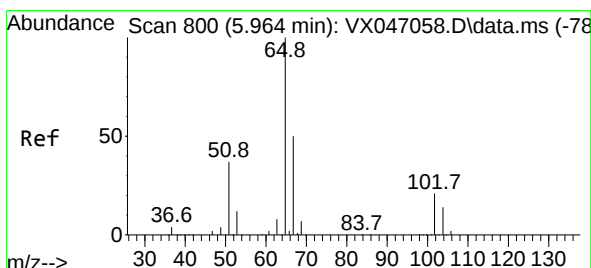
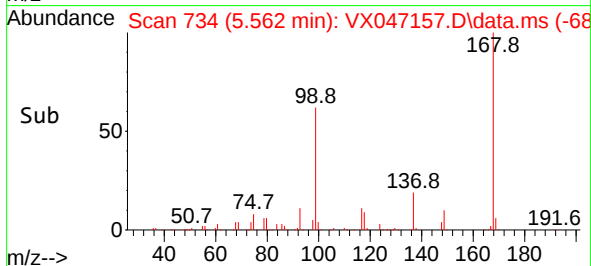
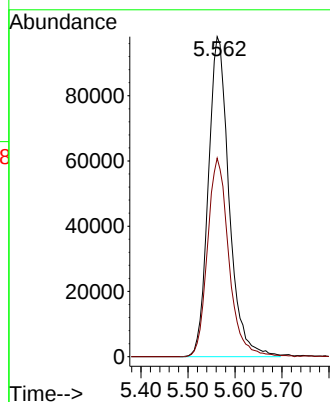
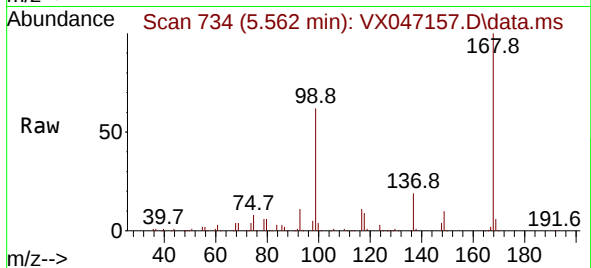




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

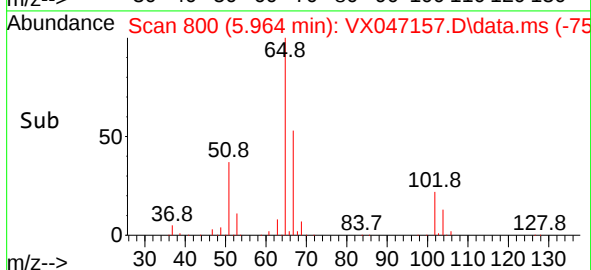
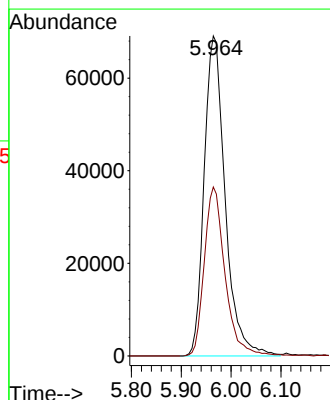
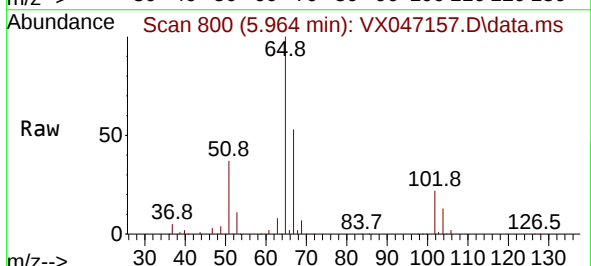
Instrument :
MSVOA_X
ClientSampleId :
IBLK

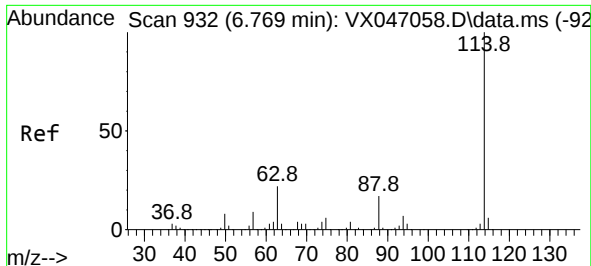
Tgt Ion:168 Resp: 300410
Ion Ratio Lower Upper
168 100
99 62.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 54.012 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

Tgt Ion: 65 Resp: 202123
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

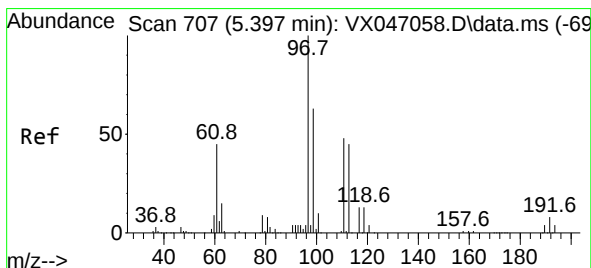
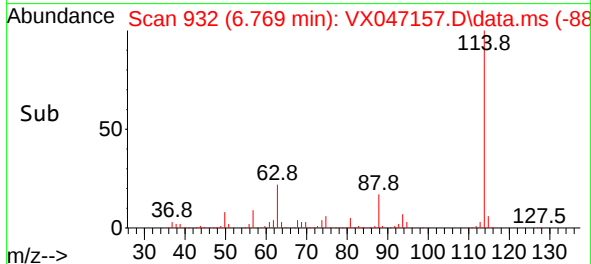
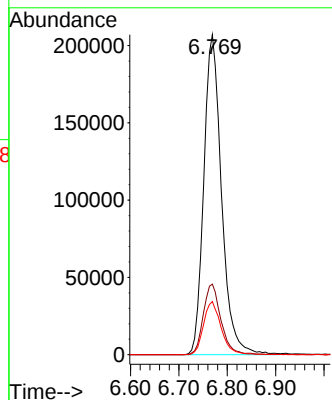
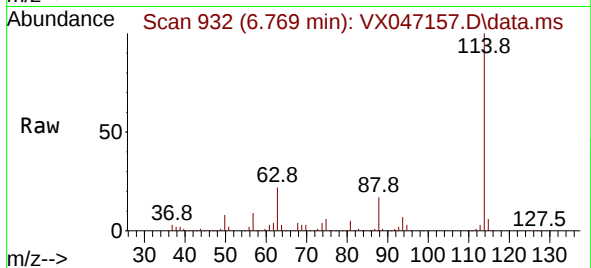




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

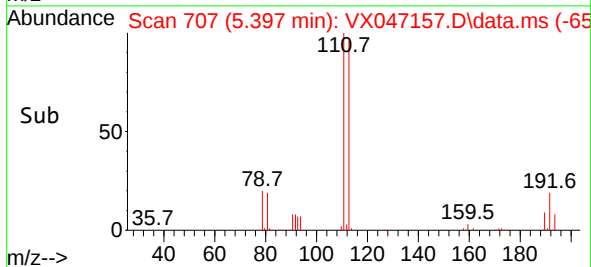
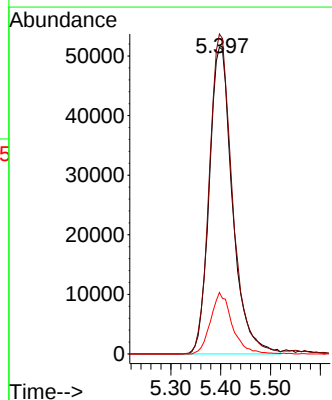
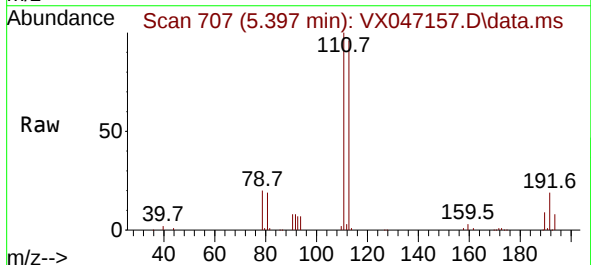
Instrument :
MSVOA_X
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IBLK

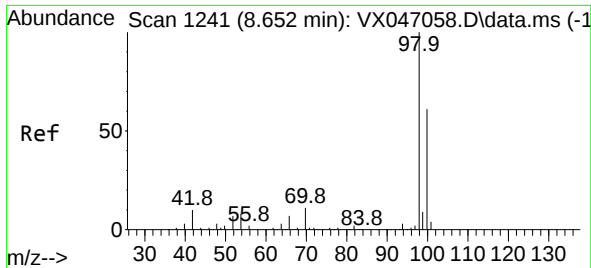
Tgt Ion:114 Resp: 528273
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.028 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

Tgt Ion:113 Resp: 166441
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.6 14.9 22.3

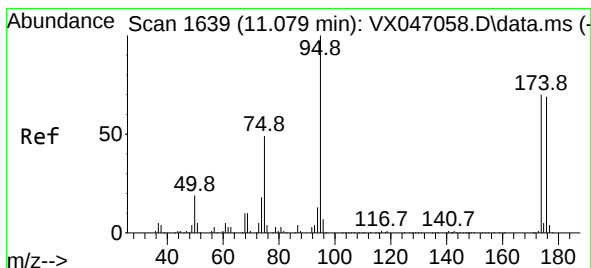
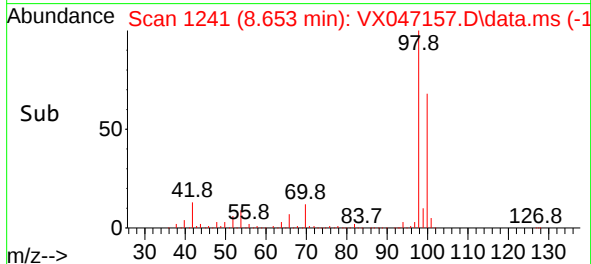
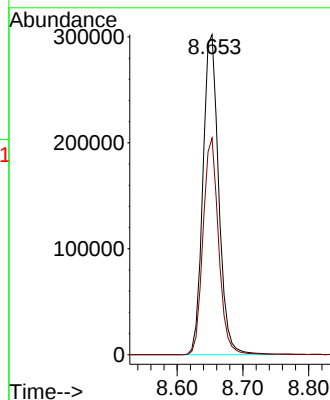
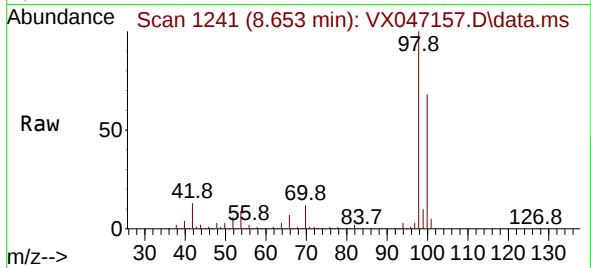




#50
Toluene-d8
Concen: 47.837 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

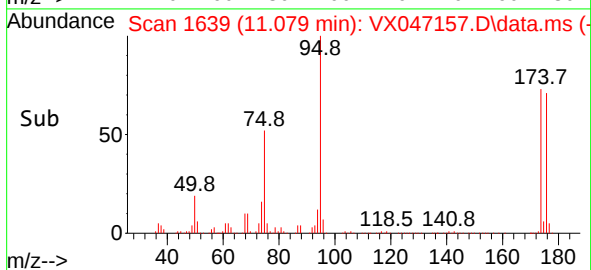
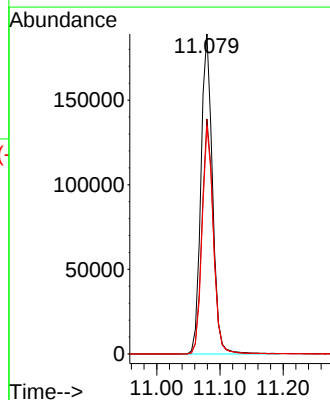
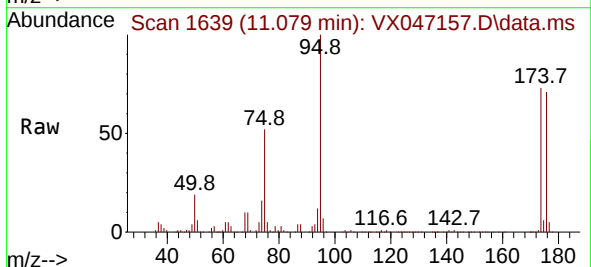
Instrument :
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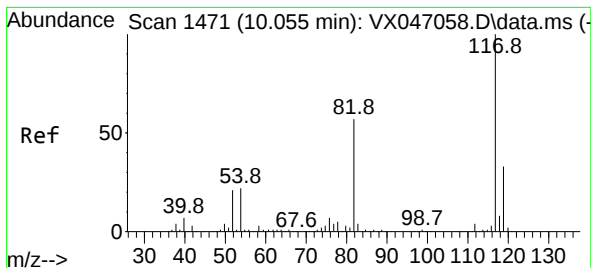
Tgt Ion: 98 Resp: 505304
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

Tgt Ion: 95 Resp: 240356
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 69.7 0.0 139.6

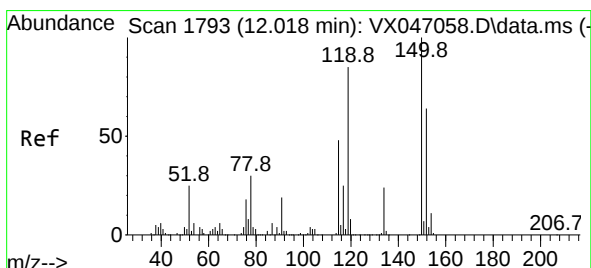
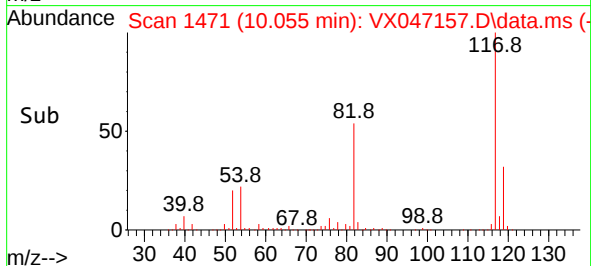
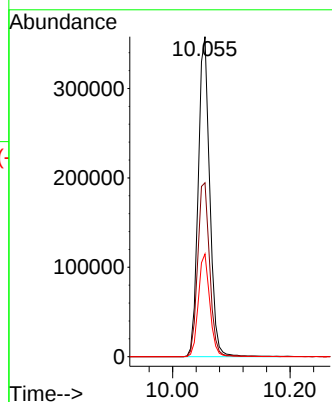
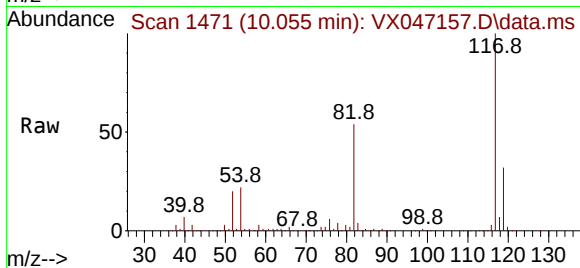




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 487448
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.2
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047157.D
Acq: 28 Jul 2025 11:32

Tgt Ion:152 Resp: 241393
Ion Ratio Lower Upper
152 100
115 63.3 45.6 136.7
150 159.9 0.0 354.6

