

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047546.D
 Acq On : 28 Aug 2025 13:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 29 02:36:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177830	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.763	114	353264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	352079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	171203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145129	53.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.280%	
35) Dibromofluoromethane	5.391	113	123648	50.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.647	98	433157	50.968	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	11.079	95	174848	54.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.520%	

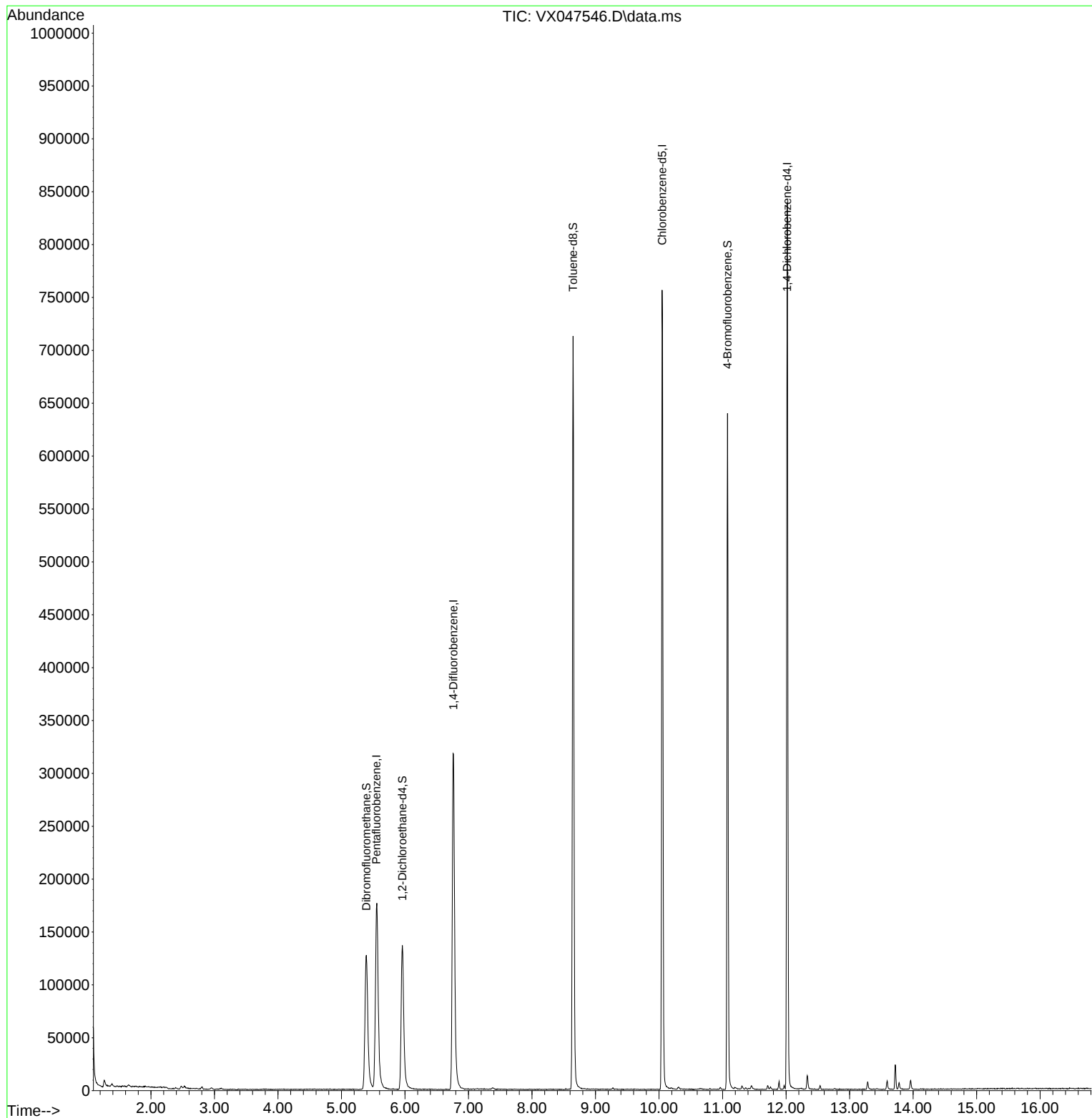
Target Compounds	Qvalue

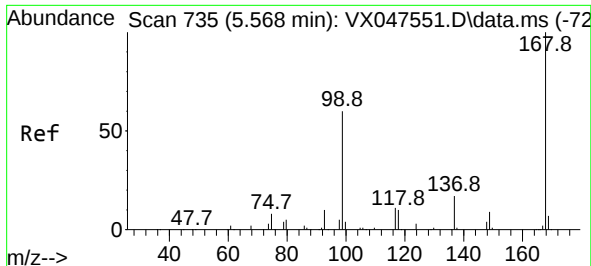
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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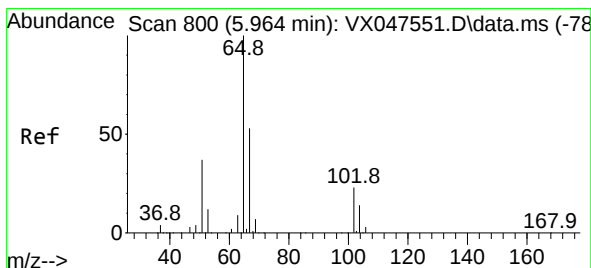
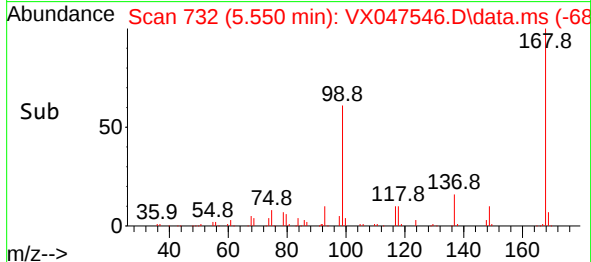
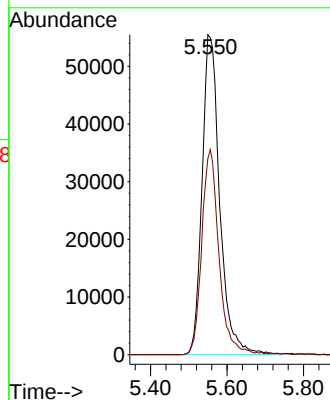
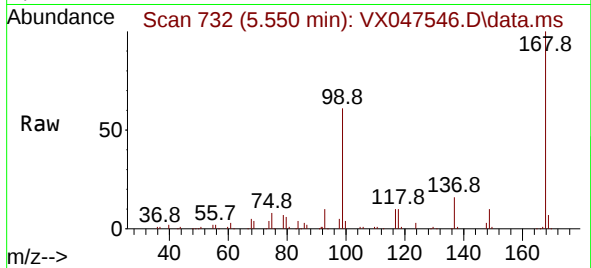




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.018 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

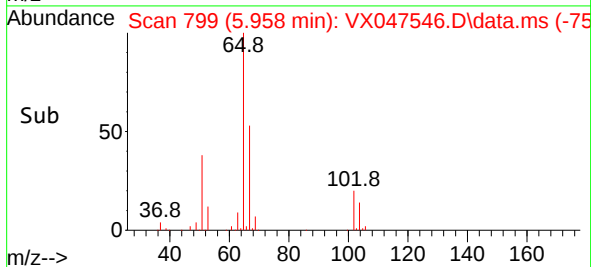
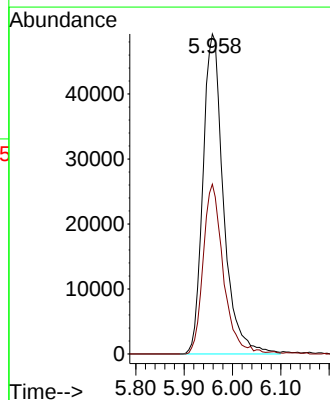
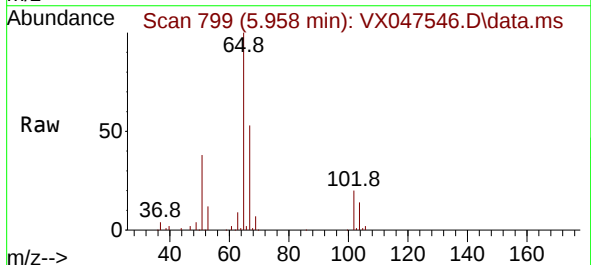
Instrument :
MSVOA_X
ClientSampleId :
IBLK

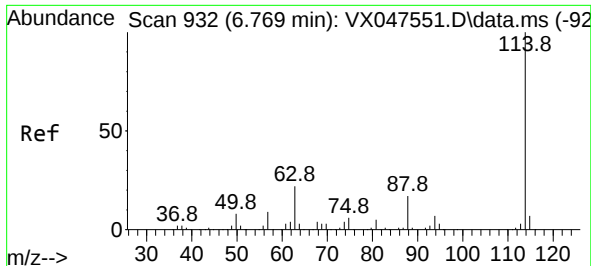
Tgt Ion:168 Resp: 177830
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 53.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

Tgt Ion: 65 Resp: 145129
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

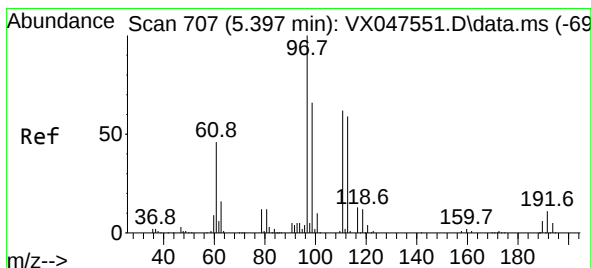
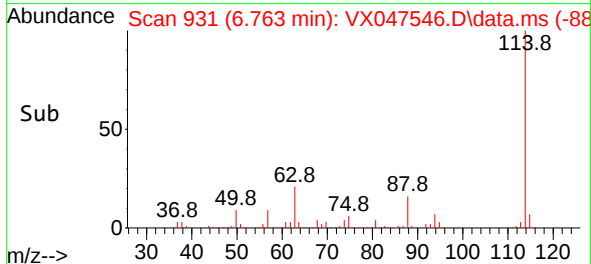
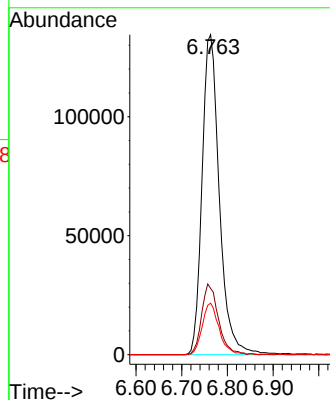
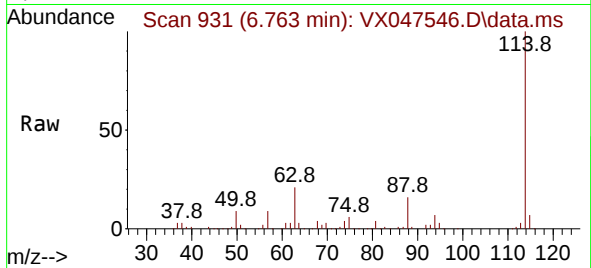




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

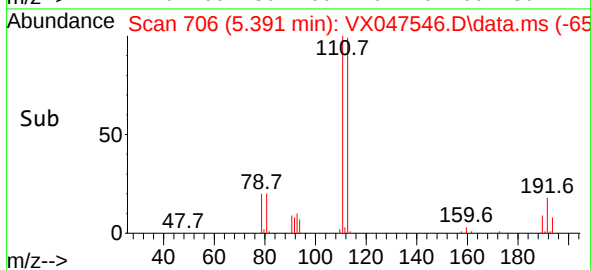
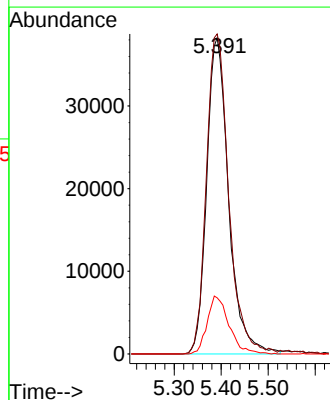
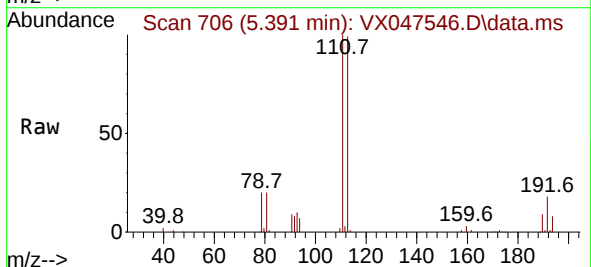
Instrument :
MSVOA_X
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IBLK

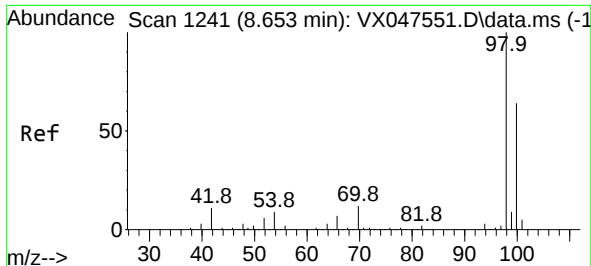
Tgt Ion:114 Resp: 353264
Ion Ratio Lower Upper
114 100
63 23.8 0.0 43.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.997 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

Tgt Ion:113 Resp: 123648
Ion Ratio Lower Upper
113 100
111 103.3 81.2 121.8
192 18.3 14.2 21.4

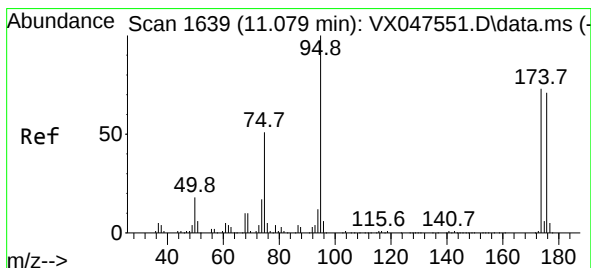
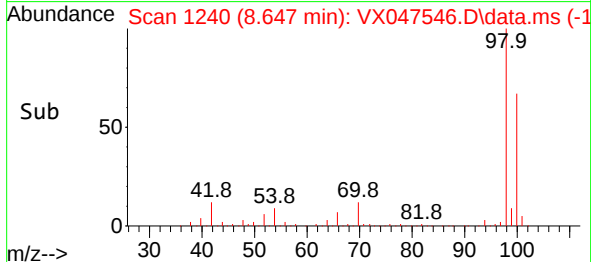
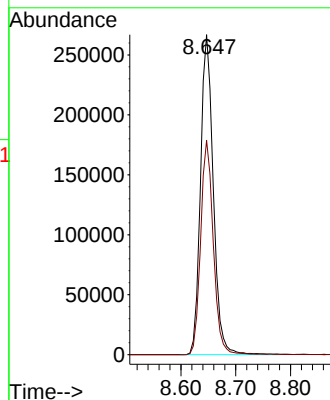
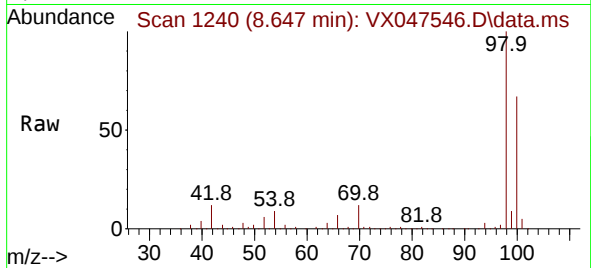




#50
Toluene-d8
Concen: 50.968 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

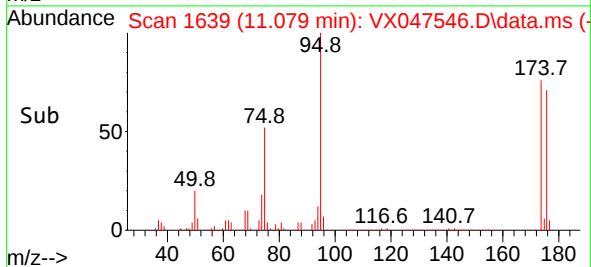
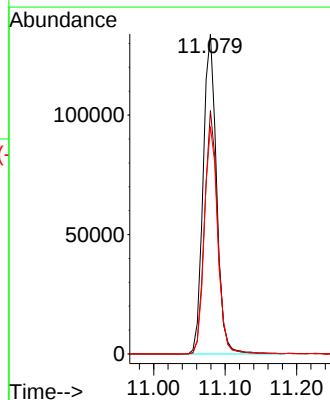
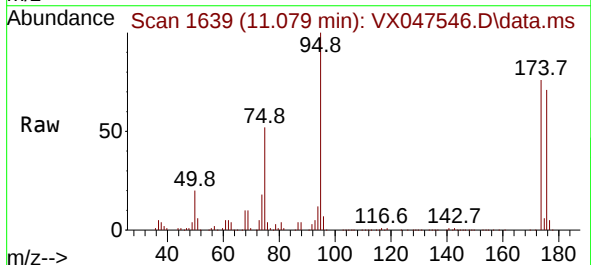
Instrument :
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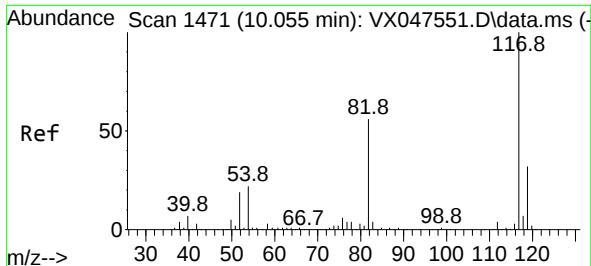
Tgt Ion: 98 Resp: 433157
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 54.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

Tgt Ion: 95 Resp: 174848
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 71.2 0.0 140.4

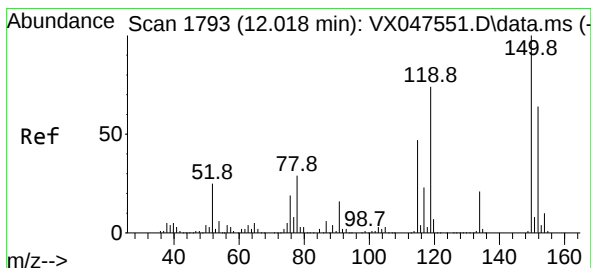
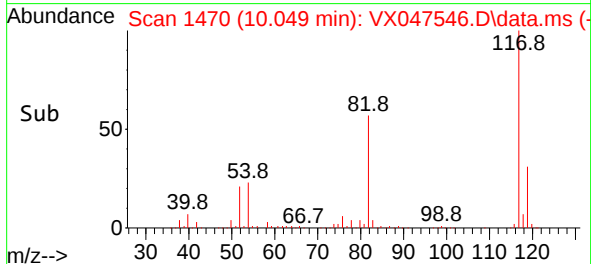
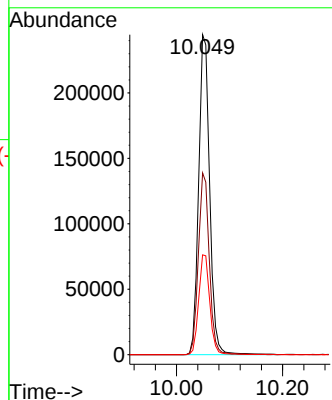
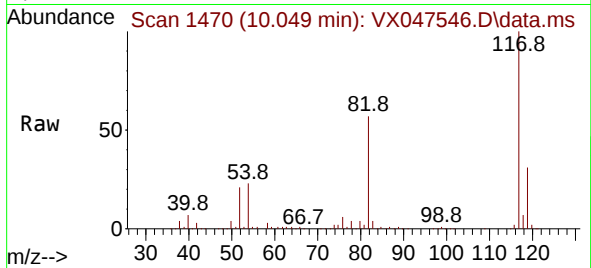




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 352079
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047546.D
Acq: 28 Aug 2025 13:26

Tgt Ion:152 Resp: 171203
Ion Ratio Lower Upper
152 100
115 61.8 42.9 128.5
150 155.7 0.0 351.0

