

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047581.D
 Acq On : 02 Sep 2025 14:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 03 02:17:12 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	5.562	168	266443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	536190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	219179	53.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.140%
35) Dibromofluoromethane	5.397	113	186859	50.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	8.653	98	656198	50.871	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.740%
62) 4-Bromofluorobenzene	11.079	95	273878	56.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.040%

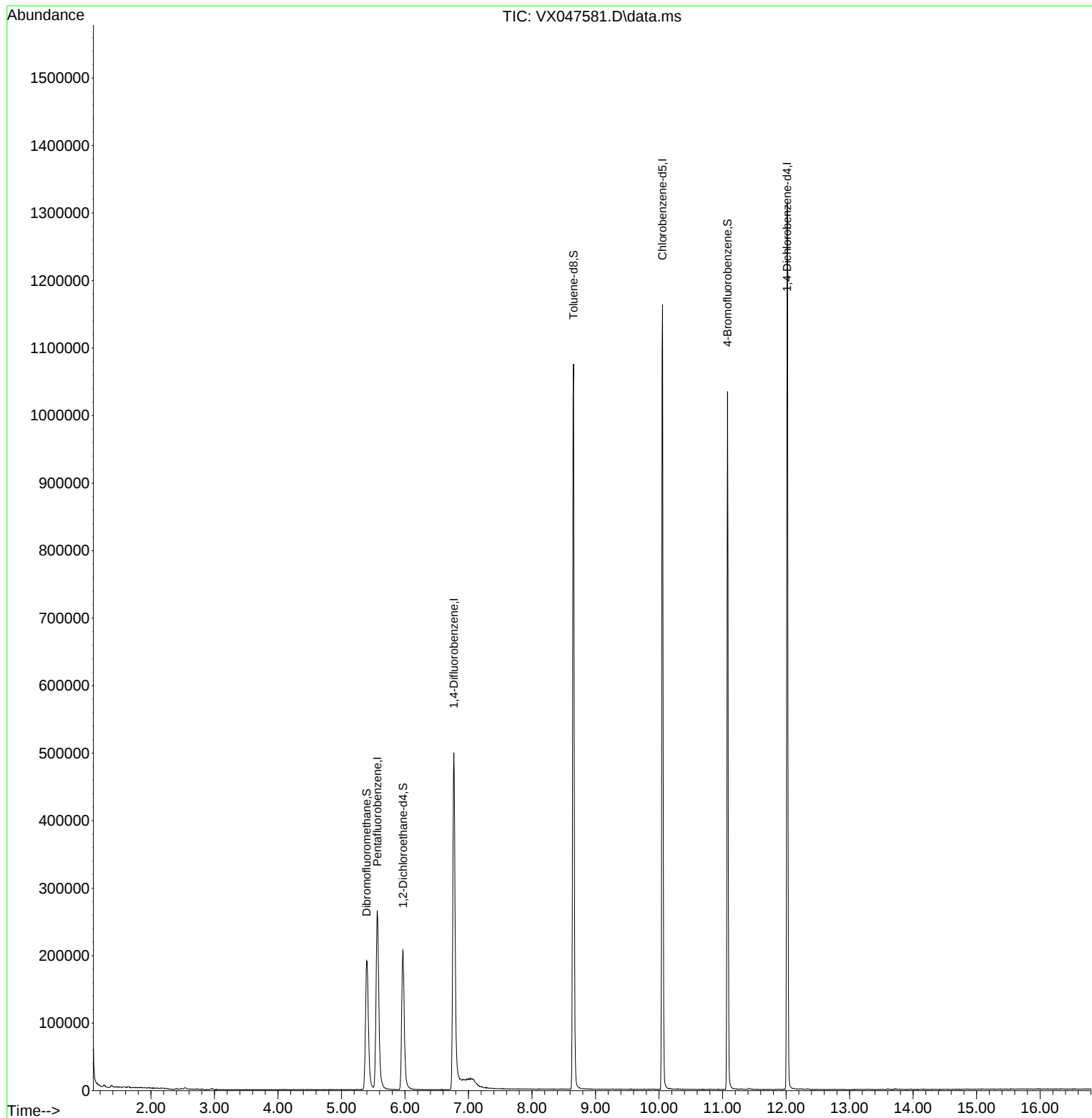
Target Compounds	Qvalue

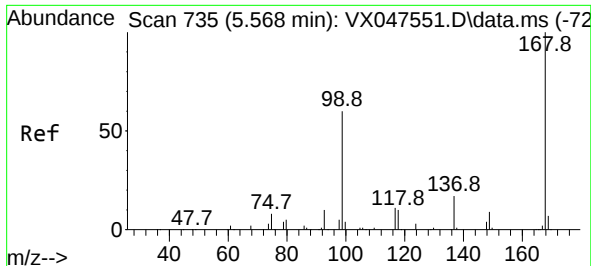
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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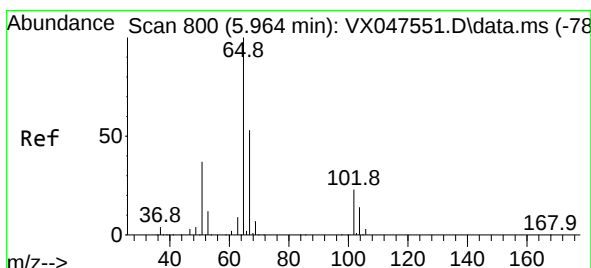
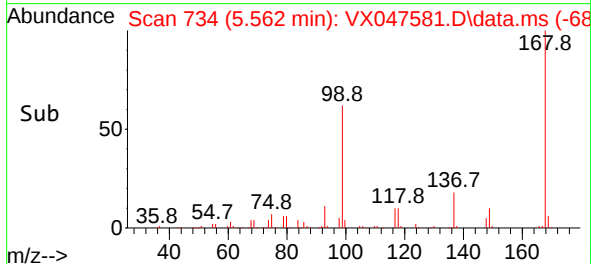
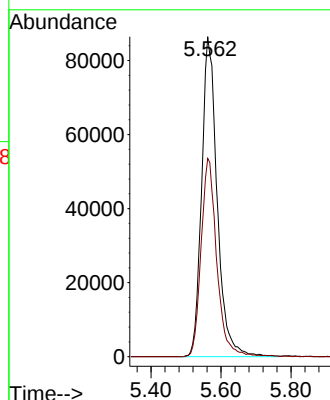
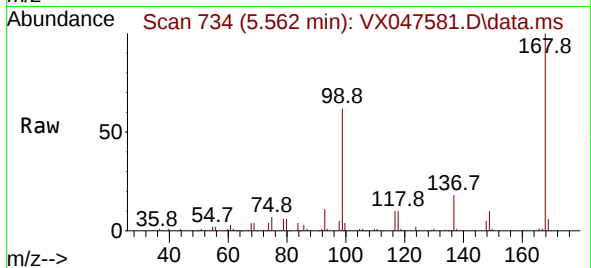




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

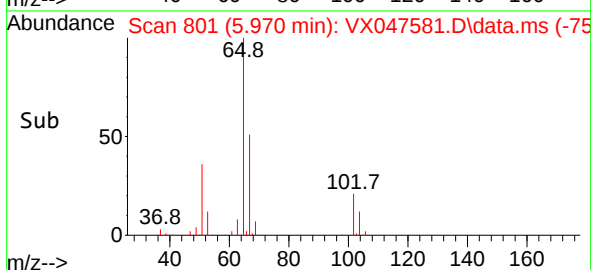
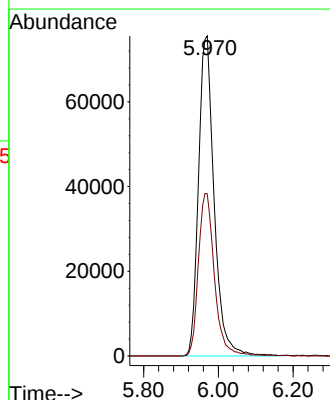
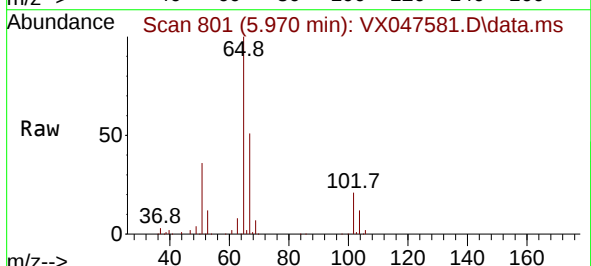
Instrument :
MSVOA_X
ClientSampleId :
IBLK

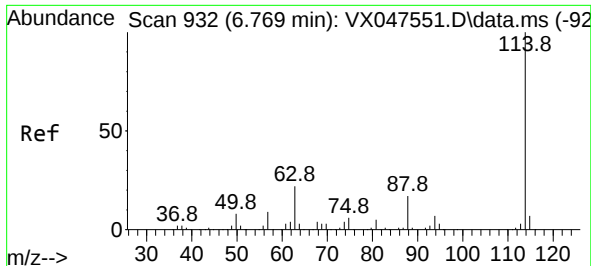
Tgt Ion:168 Resp: 266443
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 53.568 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion: 65 Resp: 219179
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

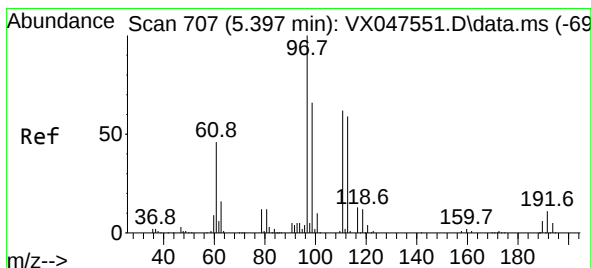
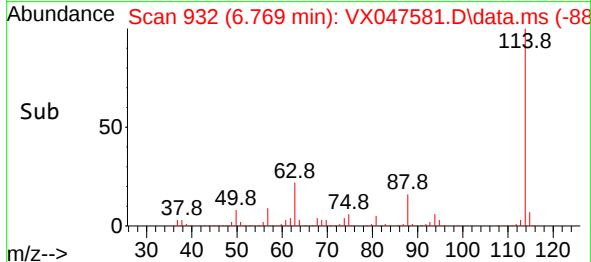
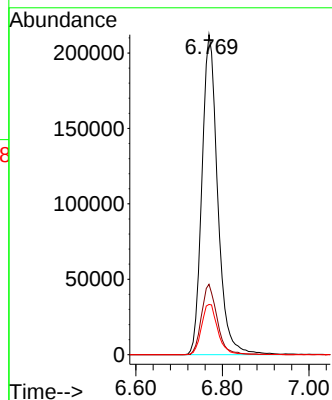
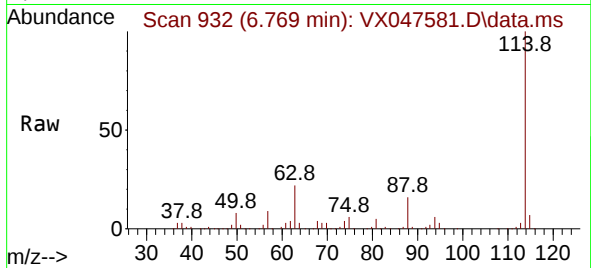




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

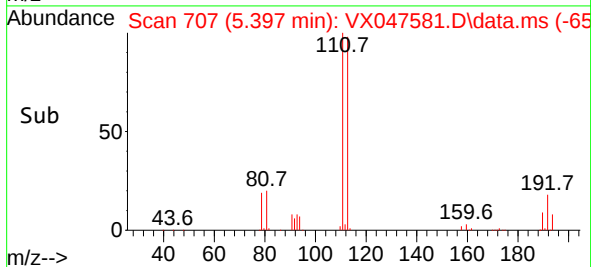
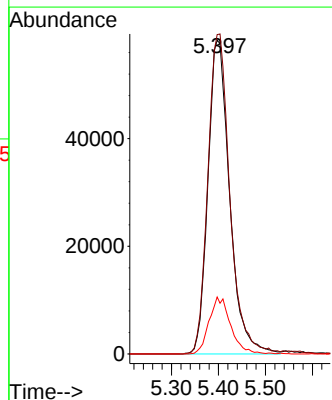
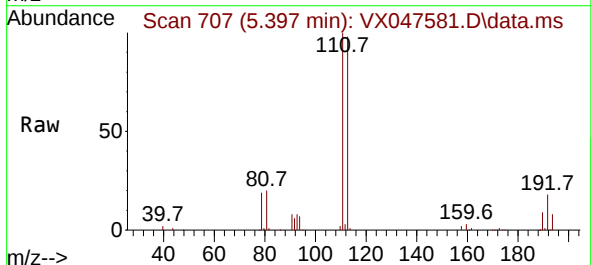
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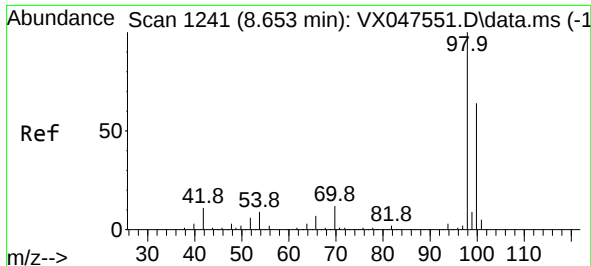
Tgt Ion:114 Resp: 536190
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.6
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.776 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion:113 Resp: 186859
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 17.9 14.2 21.4

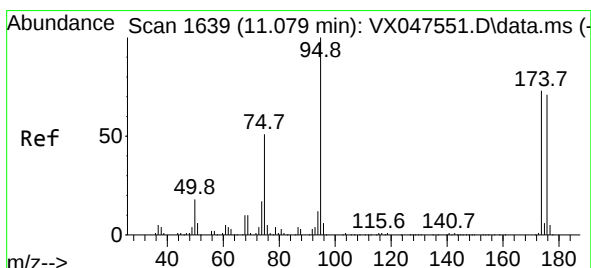
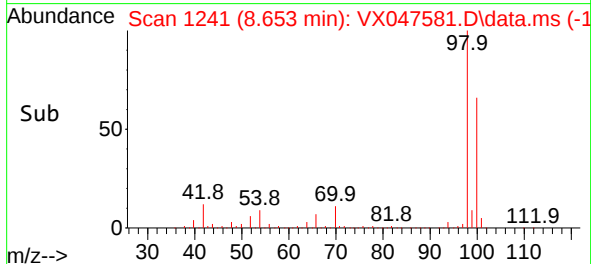
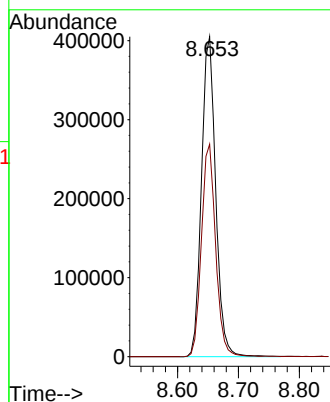
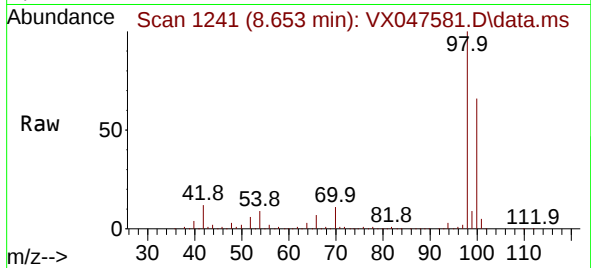




#50
Toluene-d8
Concen: 50.871 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

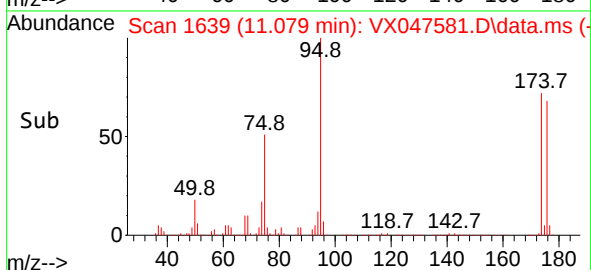
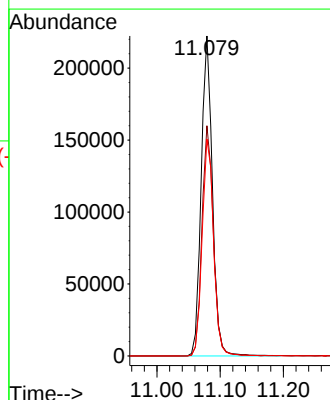
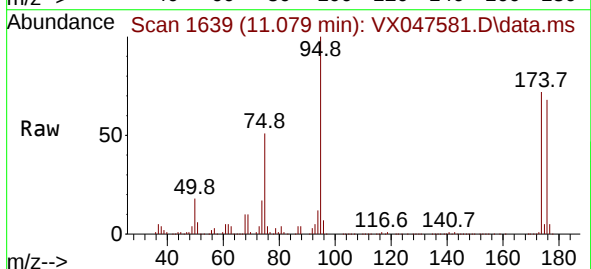
Instrument :
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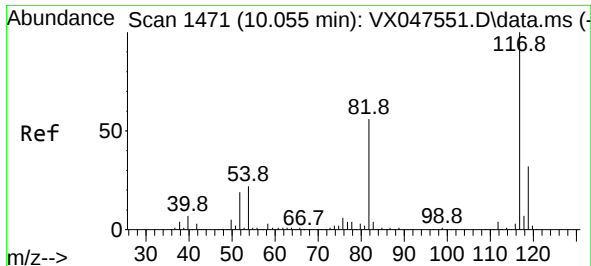
Tgt Ion: 98 Resp: 656198
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 56.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion: 95 Resp: 273878
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.2
176 69.5 0.0 140.4

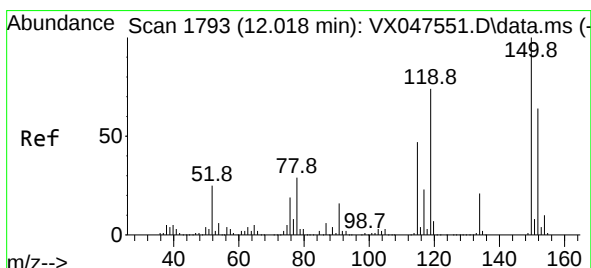
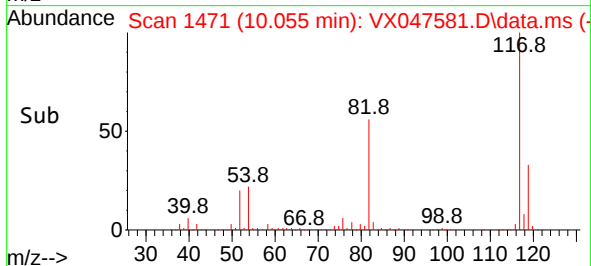
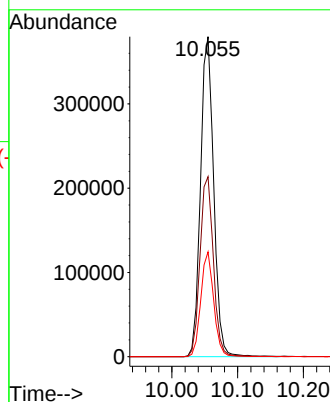
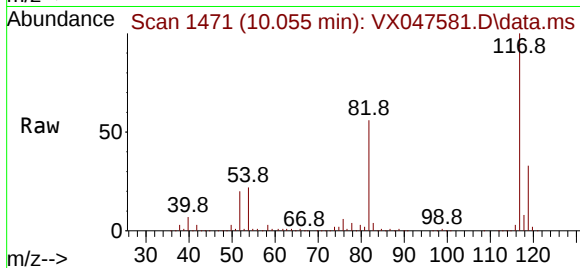




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047581.D
Acq: 02 Sep 2025 14:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 529066
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 32.7 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: VX047581.D
Acq: 02 Sep 2025 14:05

Tgt Ion:152 Resp: 266266
Ion Ratio Lower Upper
152 100
115 61.1 42.9 128.5
150 157.2 0.0 351.0

