

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046894.D
 Acq On : 07 Jul 2025 09:34
 Operator : JC/MD
 Sample : VX0707WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

Quant Time: Jul 08 04:43:39 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	5.556	168	401516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	700254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	653690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	329997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	268286	50.578	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.160%	
35) Dibromofluoromethane	5.397	113	227632	47.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.780%	
50) Toluene-d8	8.647	98	842039	50.209	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	11.079	95	322420	50.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.160%	

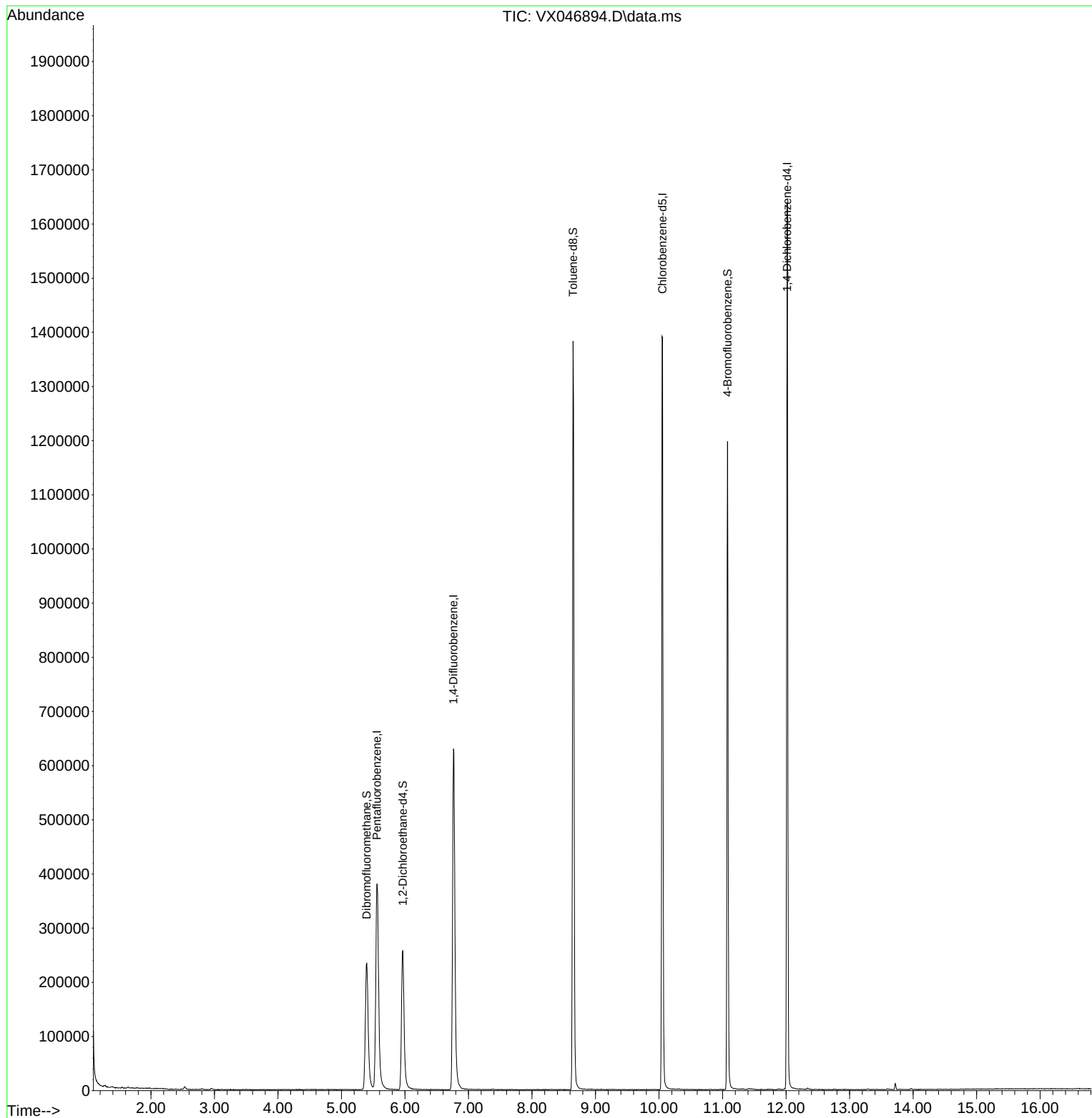
Target Compounds	Qvalue

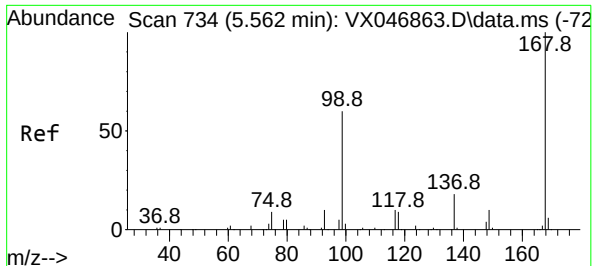
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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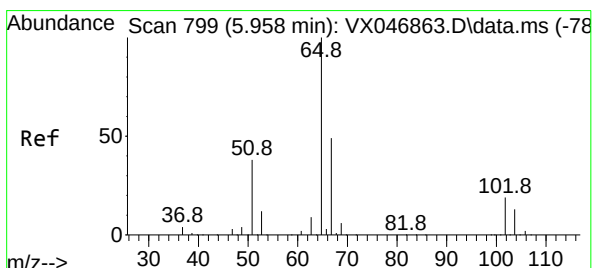
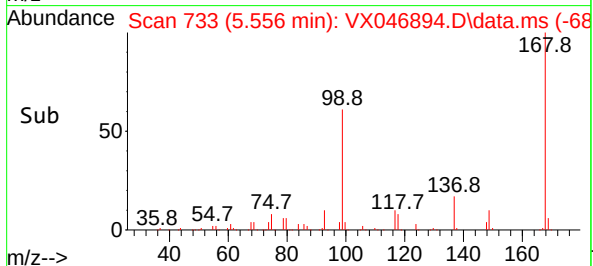
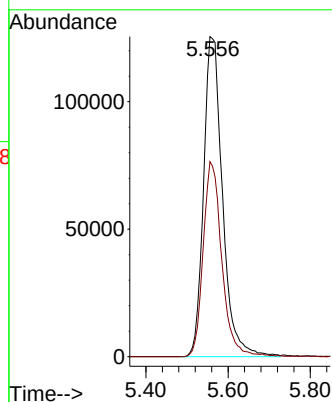
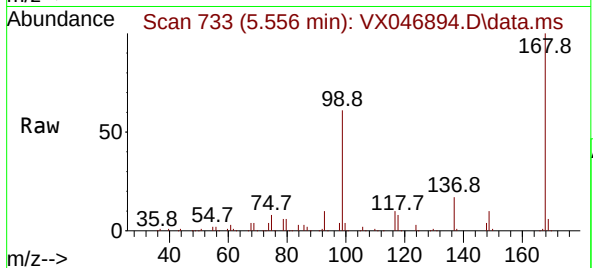




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

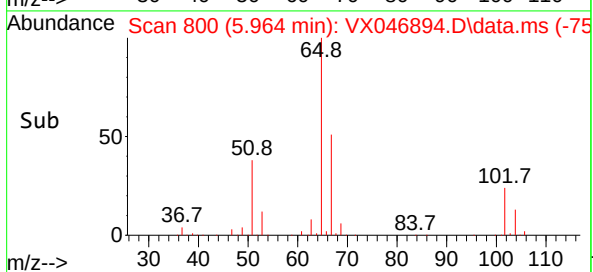
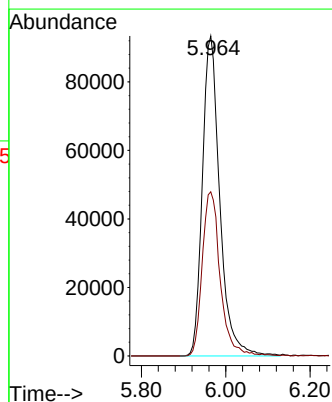
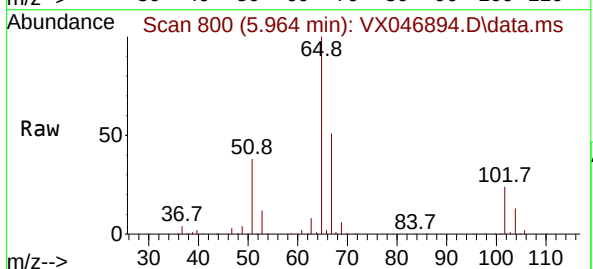
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

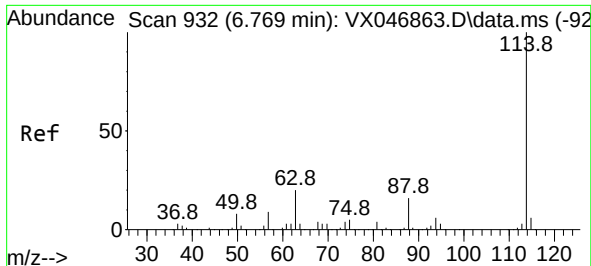
Tgt Ion:168 Resp: 401516
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.578 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 65 Resp: 268286
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

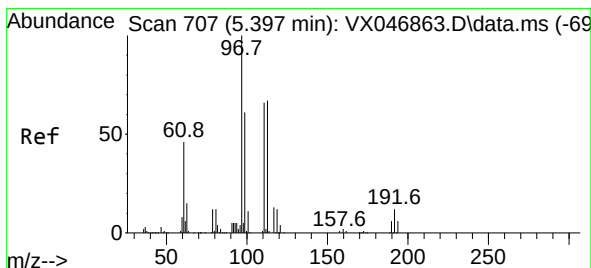
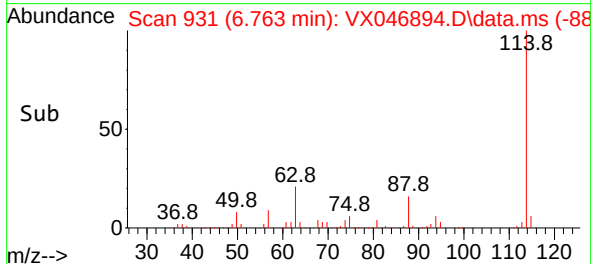
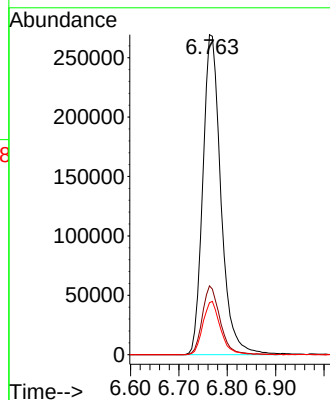
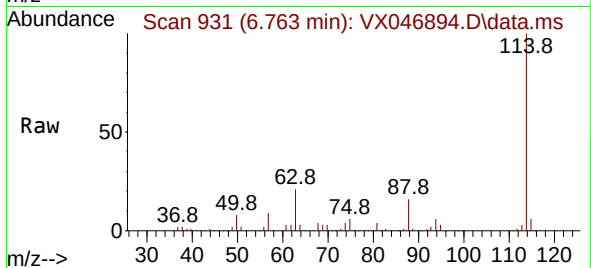




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

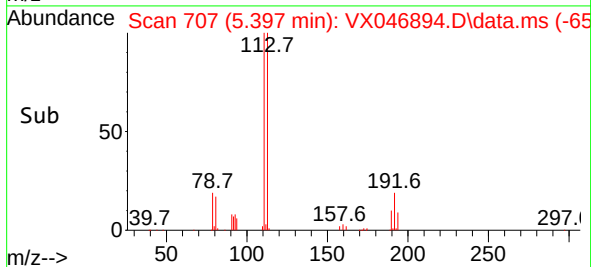
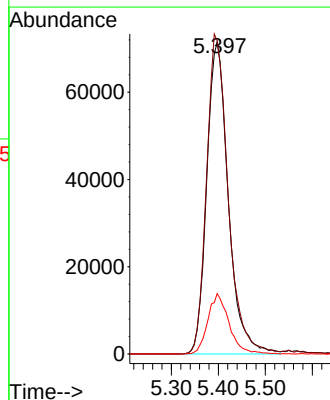
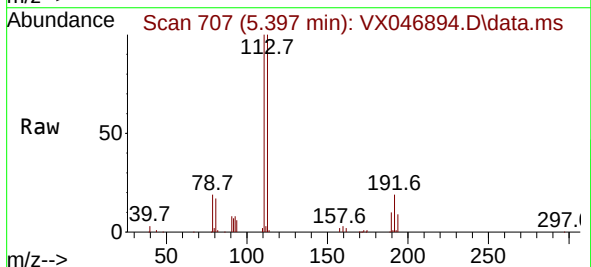
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

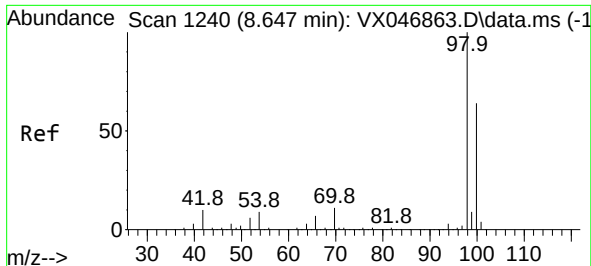
Tgt Ion:114 Resp: 700254
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 16.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.889 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion:113 Resp: 227632
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.0 15.3 22.9

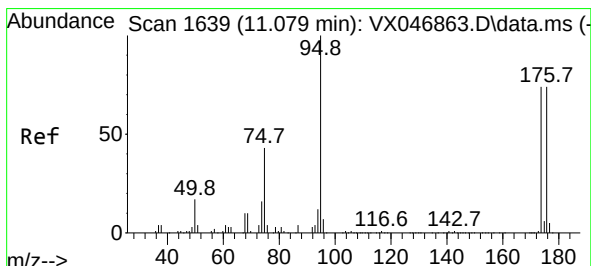
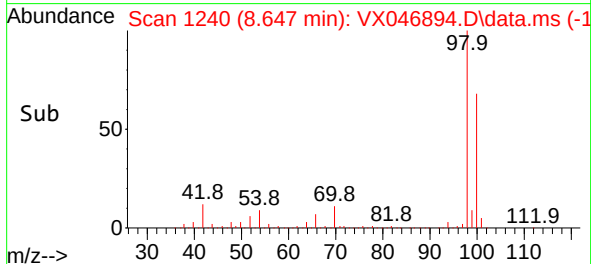
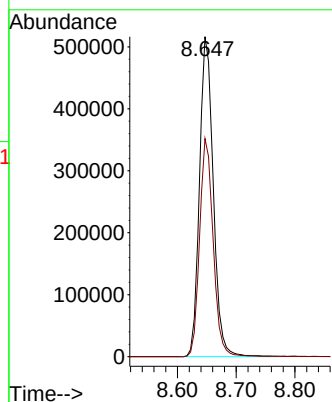
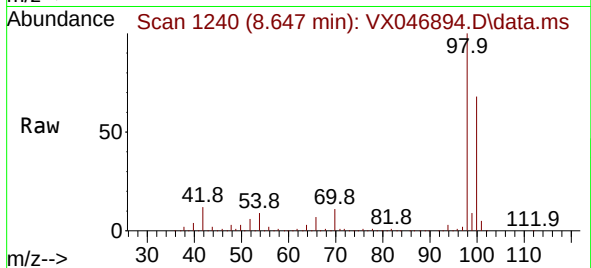




#50
Toluene-d8
Concen: 50.209 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

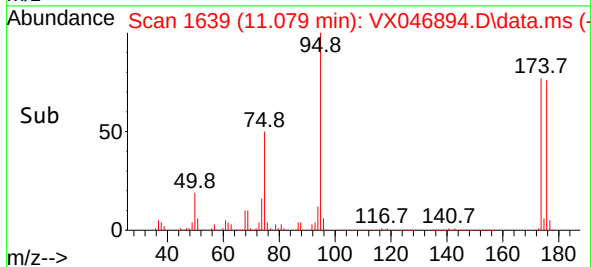
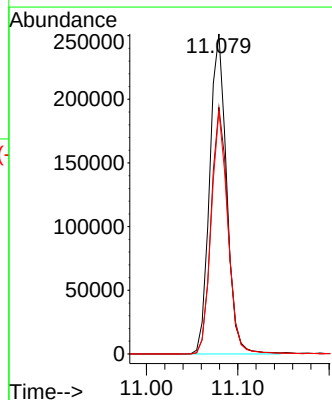
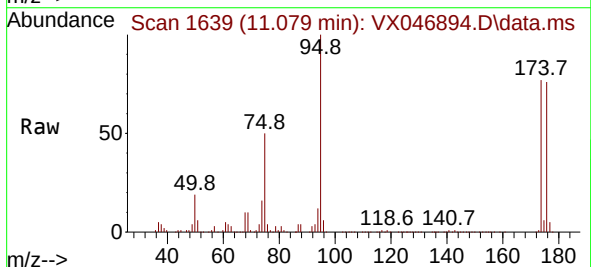
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

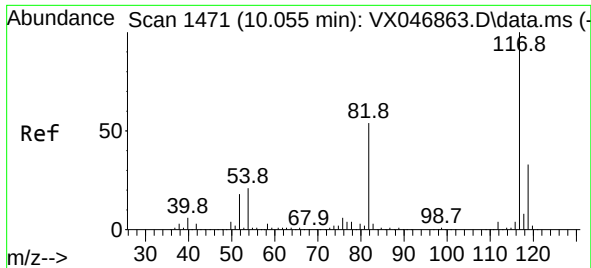
Tgt Ion: 98 Resp: 842039
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 95 Resp: 322420
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.0
176 74.4 0.0 145.2

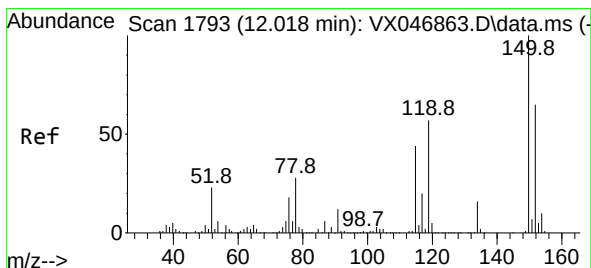
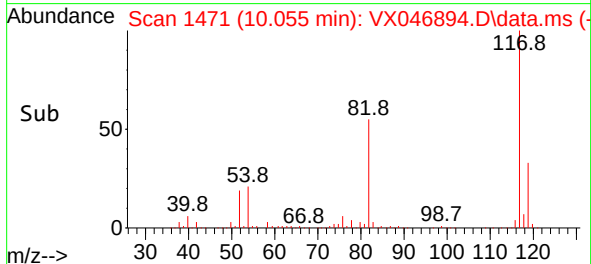
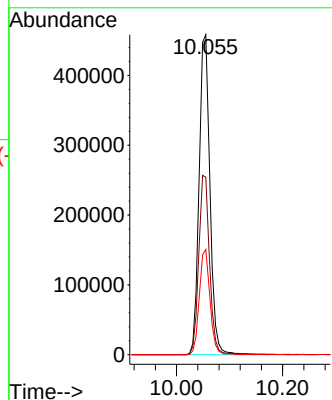
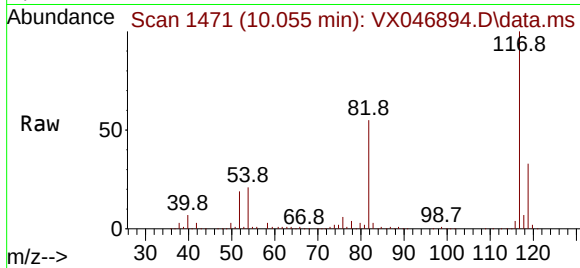




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

Tgt Ion:117 Resp: 653690
Ion Ratio Lower Upper
117 100
82 55.5 43.3 64.9
119 32.8 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: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion:152 Resp: 329997
Ion Ratio Lower Upper
152 100
115 60.3 42.4 127.1
150 157.4 0.0 349.2

