

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047204.D
 Acq On : 01 Aug 2025 13:07
 Operator : JC/MD
 Sample : VX0801WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

Quant Time: Aug 02 00:24:26 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	5.556	168	289784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	493740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	446060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	227682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181273	50.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.440%	
35) Dibromofluoromethane	5.391	113	153876	50.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	8.647	98	466095	47.211	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.420%	
62) 4-Bromofluorobenzene	11.079	95	217133	51.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.080%	

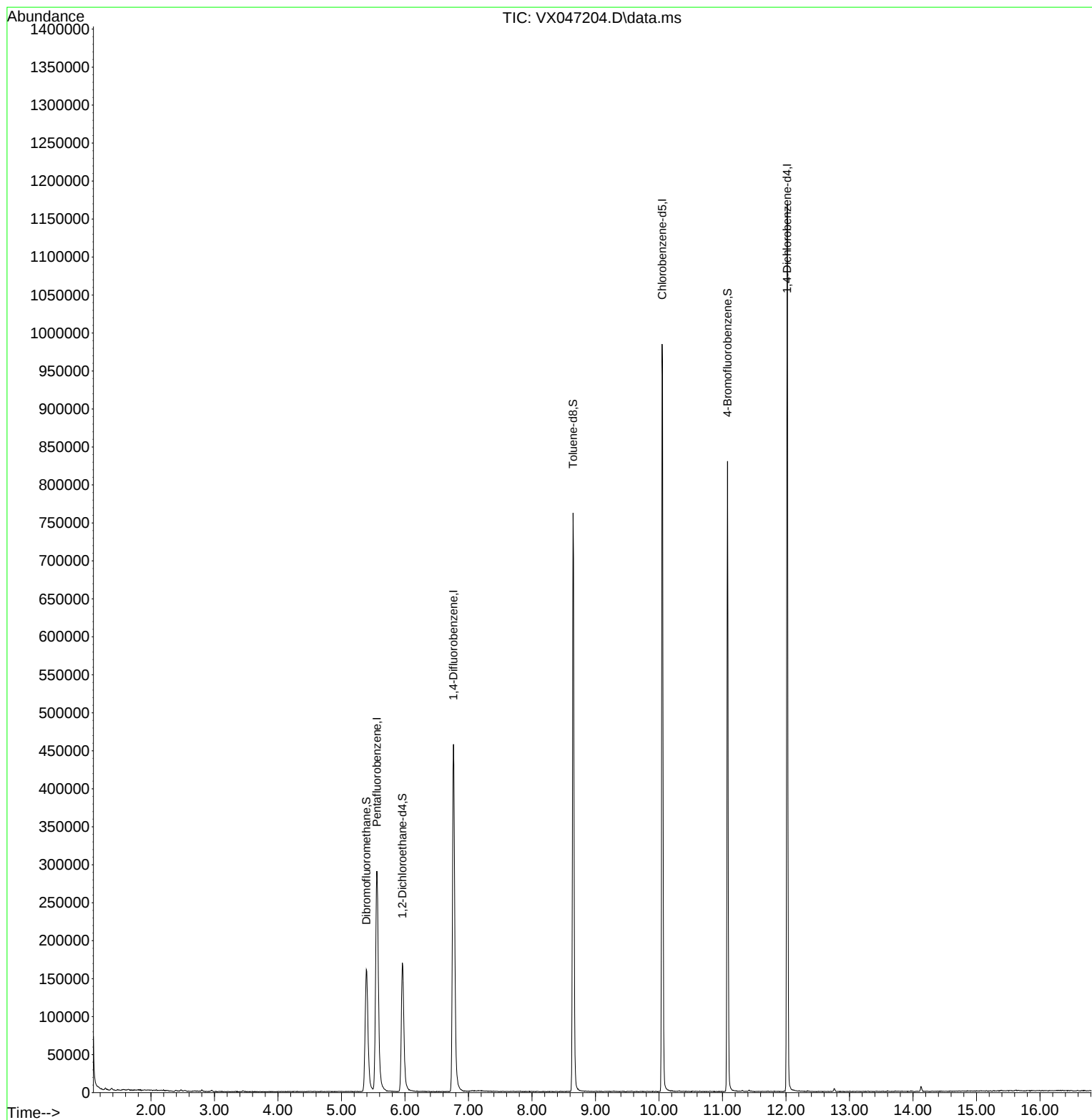
Target Compounds	Qvalue

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

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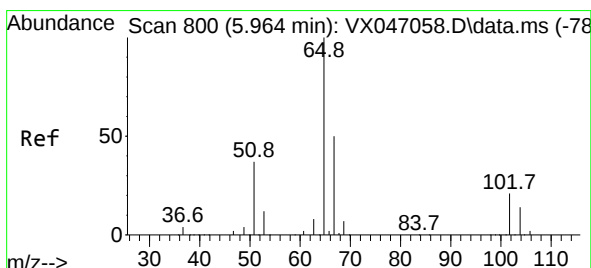
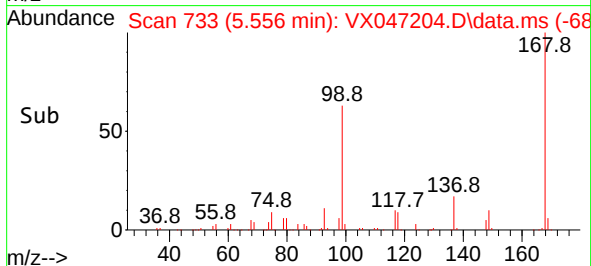
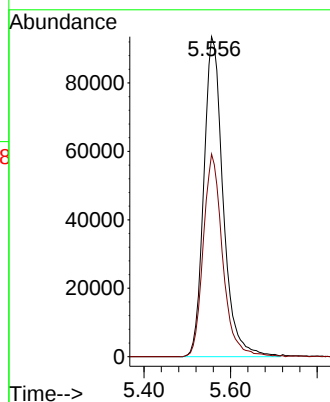
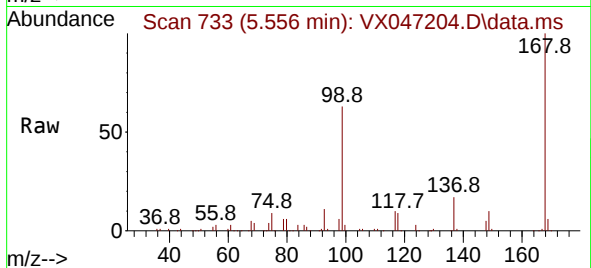




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

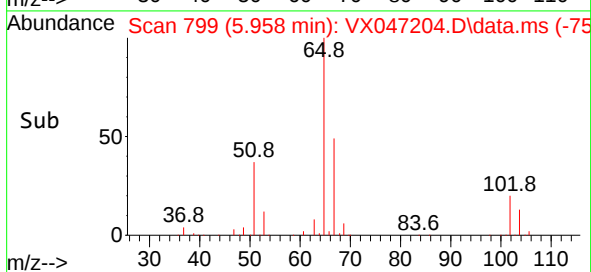
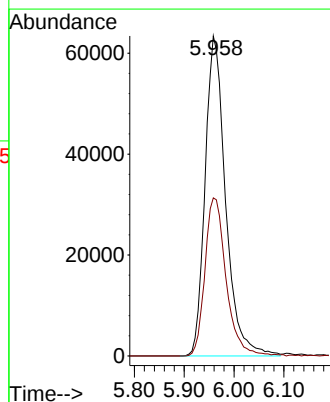
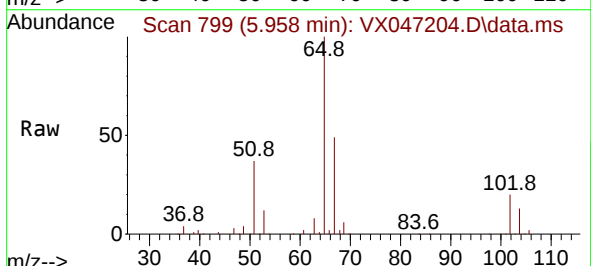
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

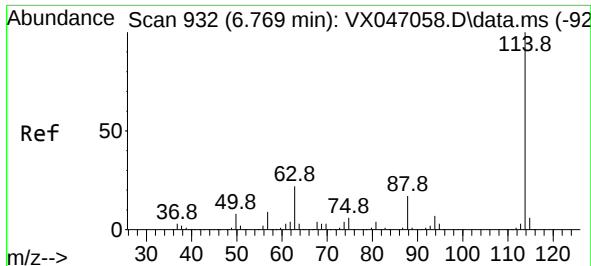
Tgt Ion:168 Resp: 289784
Ion Ratio Lower Upper
168 100
99 63.3 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 50.217 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion: 65 Resp: 181273
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

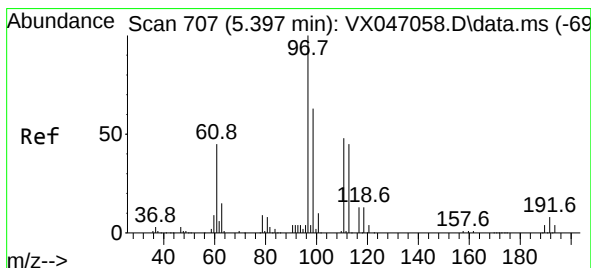
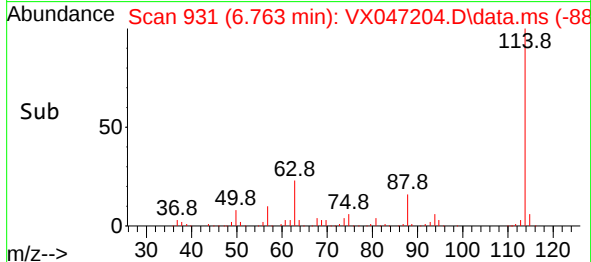
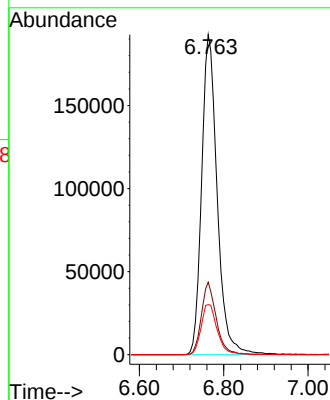
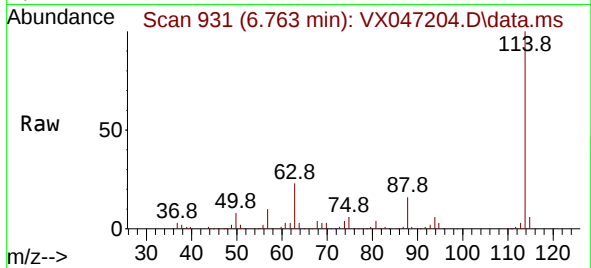




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

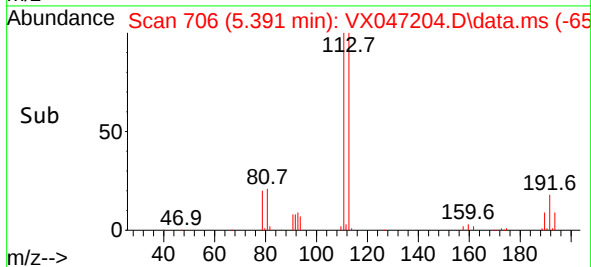
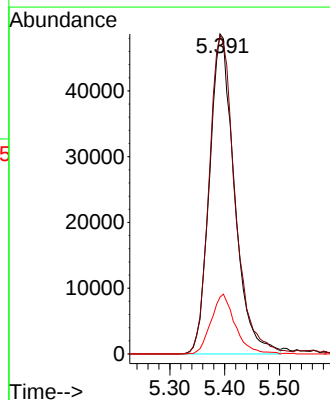
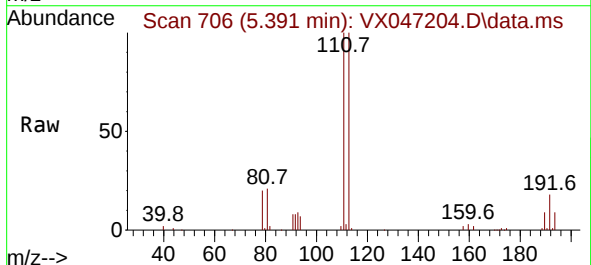
Instrument :
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ClientSampleId :
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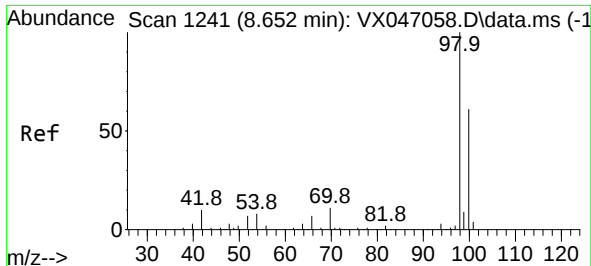
Tgt Ion:114 Resp: 493740
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 15.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.476 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion:113 Resp: 153876
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.0 14.9 22.3

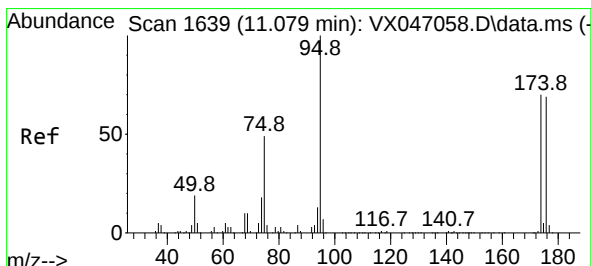
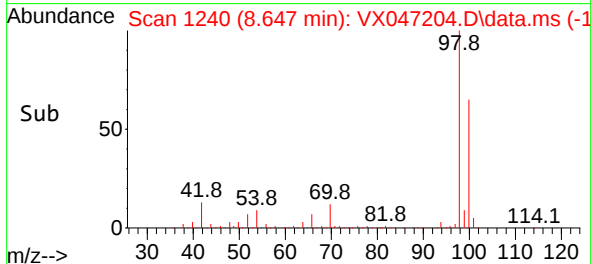
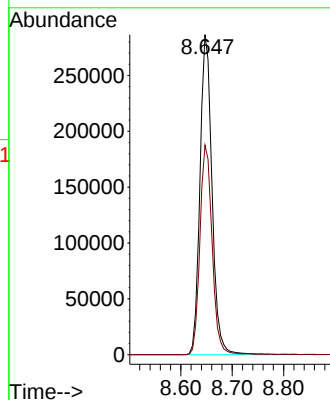
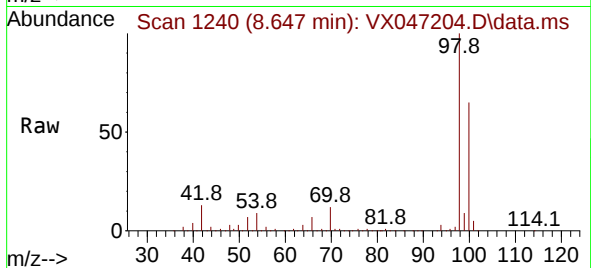




#50
Toluene-d8
Concen: 47.211 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

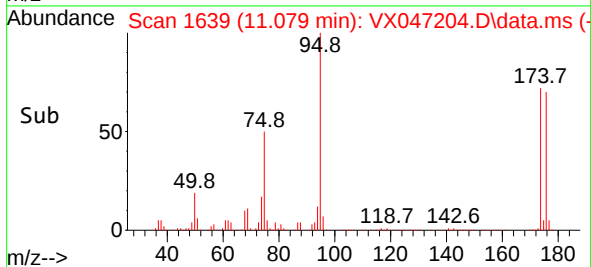
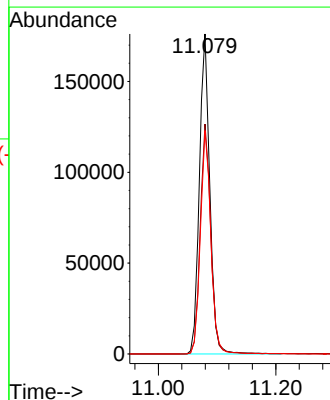
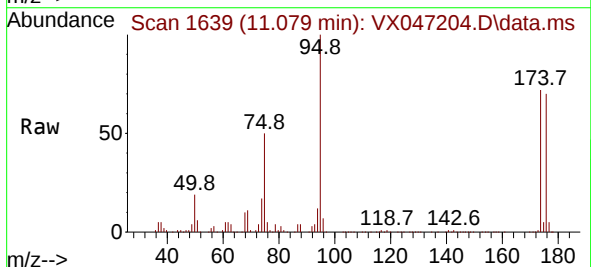
Instrument :
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ClientSampleId :
VX0801WBL01

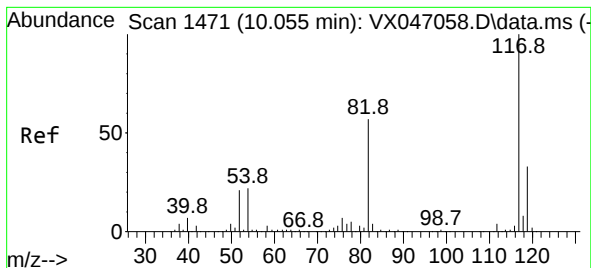
Tgt Ion: 98 Resp: 466095
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion: 95 Resp: 217133
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.6
176 70.1 0.0 139.6

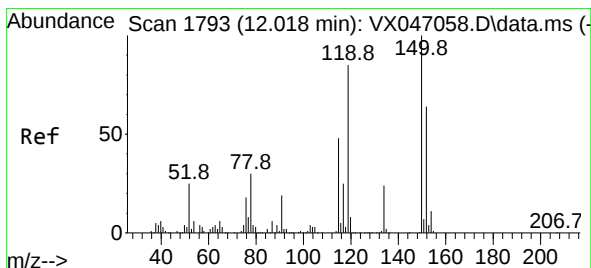
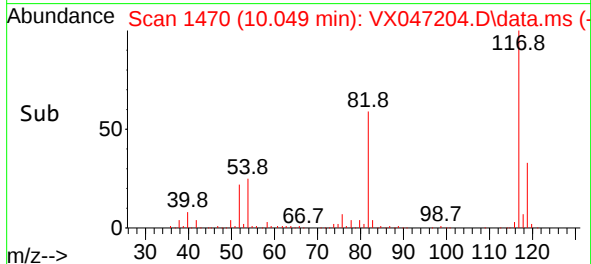
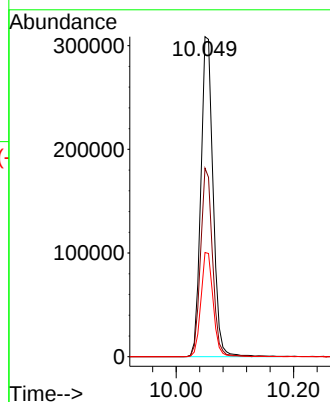
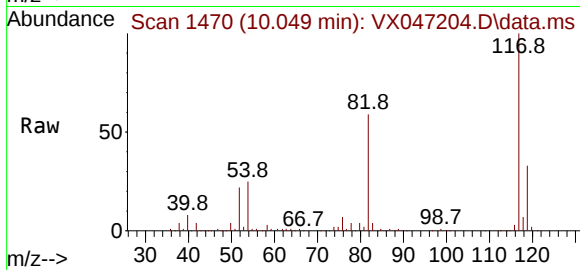




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Tgt Ion:117 Resp: 446060
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.2
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047204.D
Acq: 01 Aug 2025 13:07

Tgt Ion:152 Resp: 227682
Ion Ratio Lower Upper
152 100
115 61.6 45.6 136.7
150 154.2 0.0 354.6

