

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047153.D
 Acq On : 28 Jul 2025 09:58
 Operator : JC/MD
 Sample : VX0728MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728MBL01

Quant Time: Jul 29 02:11:50 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	380893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	711791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	673199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	348234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	278066	58.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.220%#	
35) Dibromofluoromethane	5.391	113	237956	54.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.280%	
50) Toluene-d8	8.647	98	847990	59.581	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 119.160%#	
62) 4-Bromofluorobenzene	11.079	95	358768	58.494	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.980%	

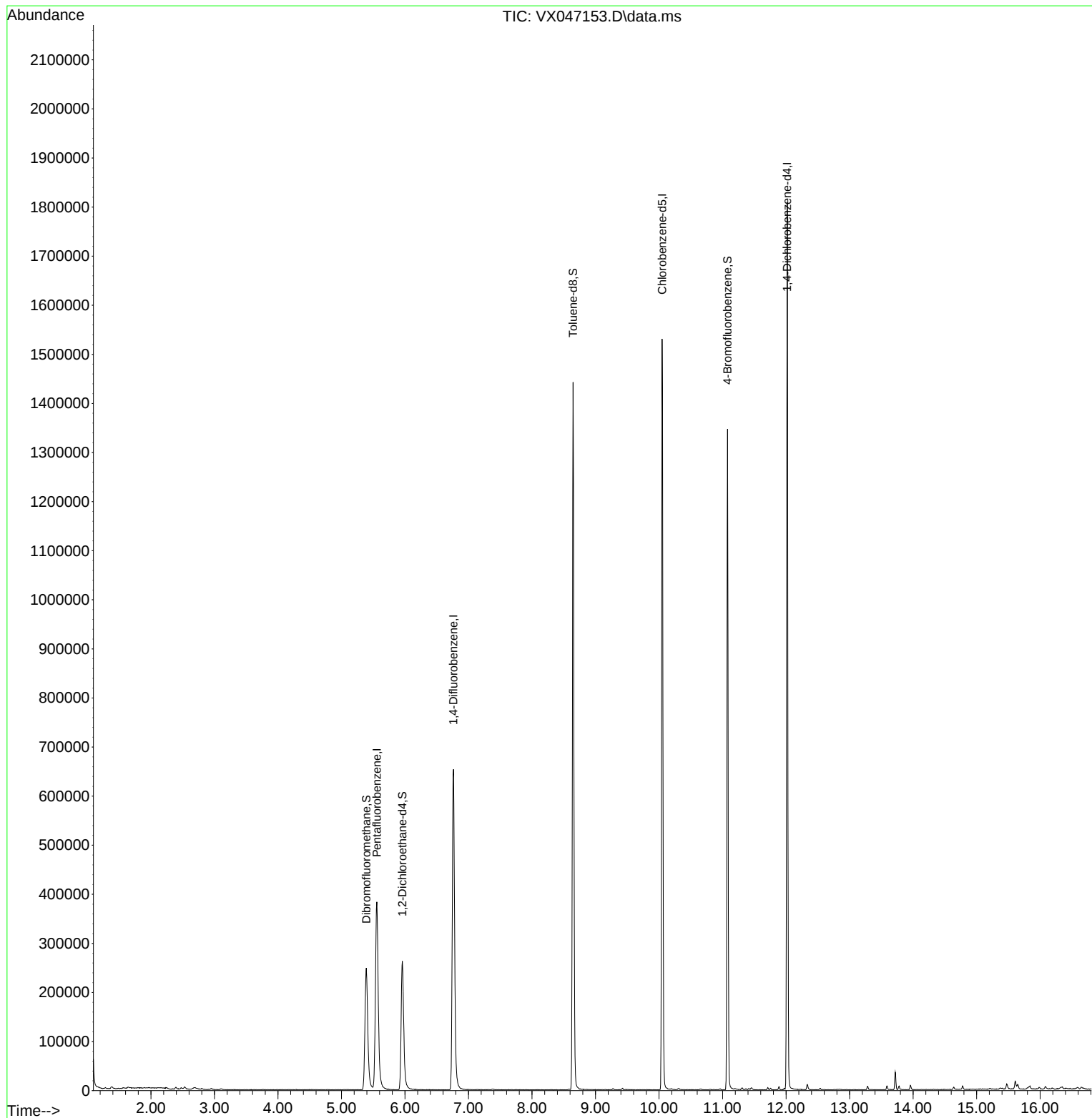
Target Compounds	Qvalue

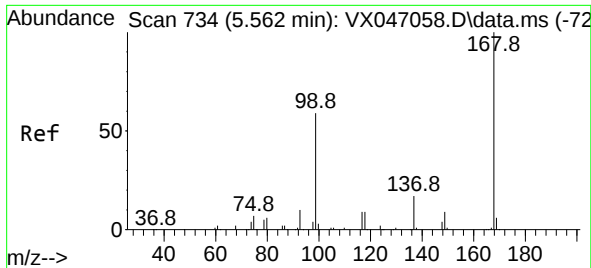
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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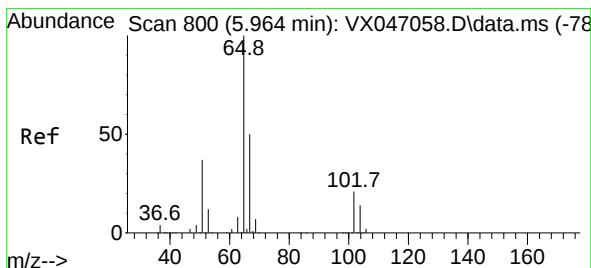
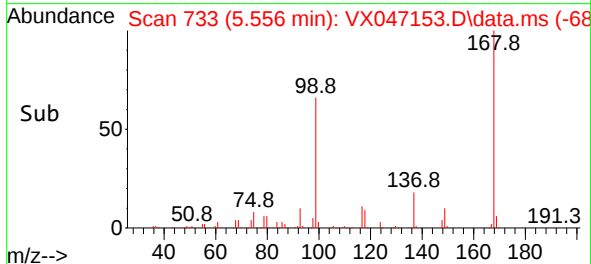
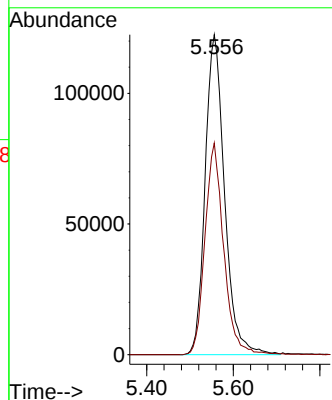
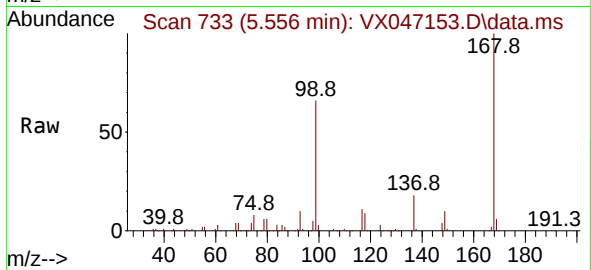




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047153.D
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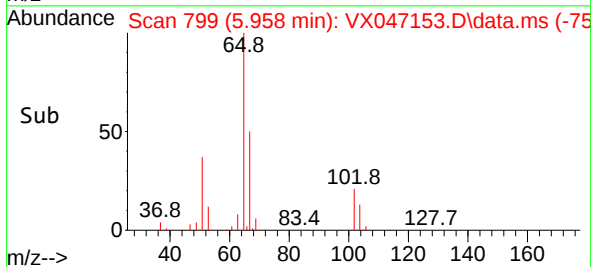
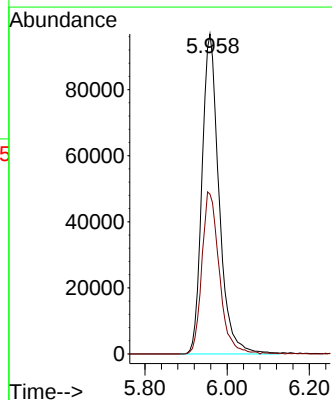
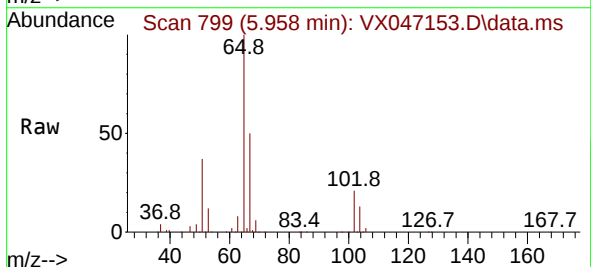
Instrument :
MSVOA_X
ClientSampleId :
VX0728MBL01

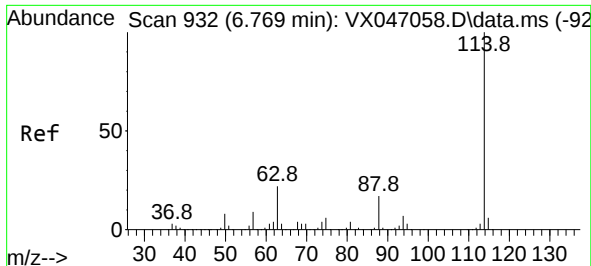
Tgt Ion:168 Resp: 380893
Ion Ratio Lower Upper
168 100
99 66.2 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 58.605 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047153.D
Acq: 28 Jul 2025 09:58

Tgt Ion: 65 Resp: 278066
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

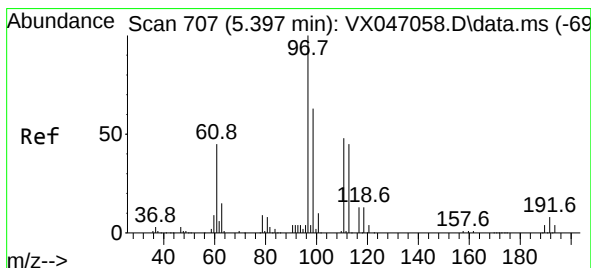
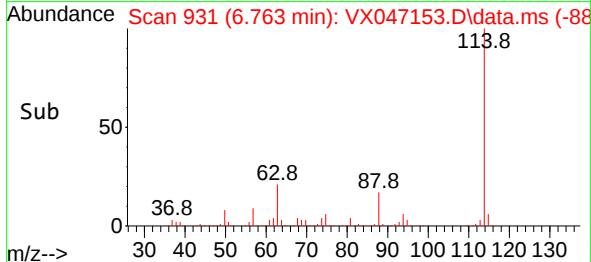
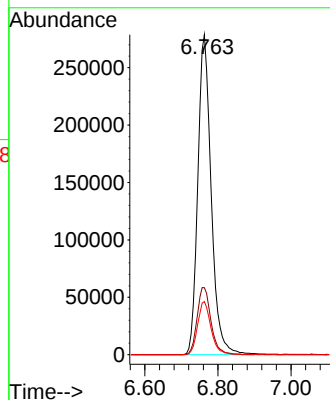
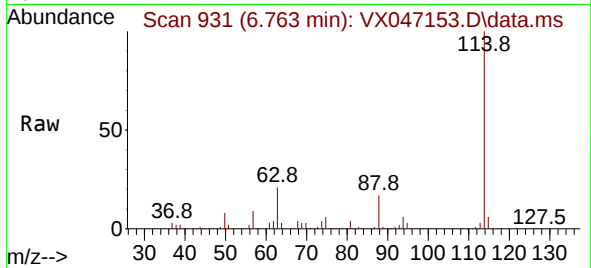




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX047153.D
Acq: 28 Jul 2025 09:58

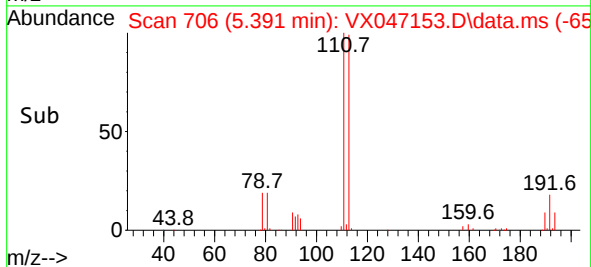
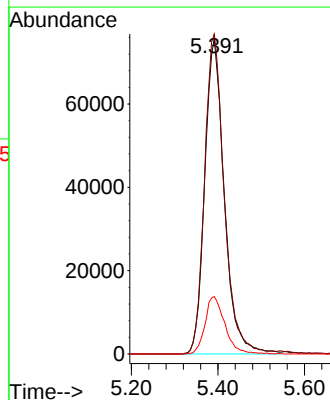
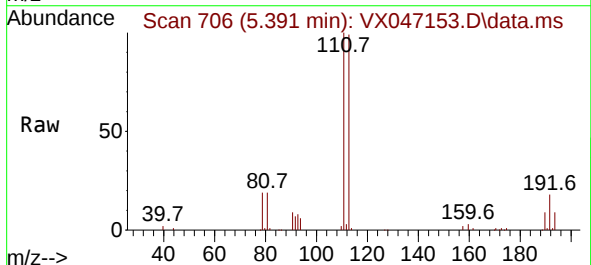
Instrument :
MSVOA_X
ClientSampleId :
VX0728MBL01

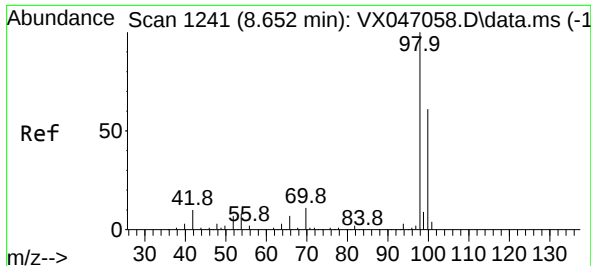
Tgt Ion:114 Resp: 711791
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 54.145 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047153.D
Acq: 28 Jul 2025 09:58

Tgt Ion:113 Resp: 237956
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 18.4 14.9 22.3

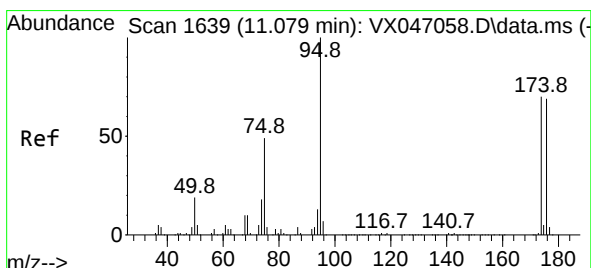
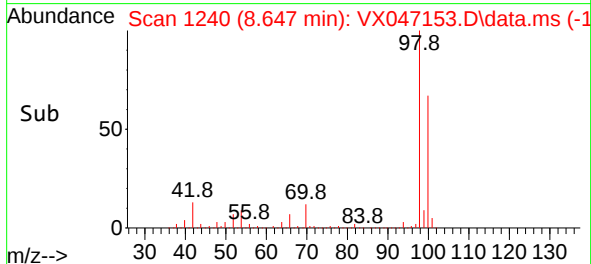
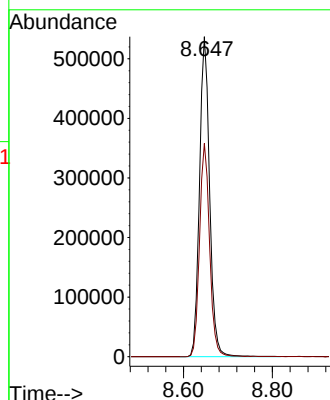
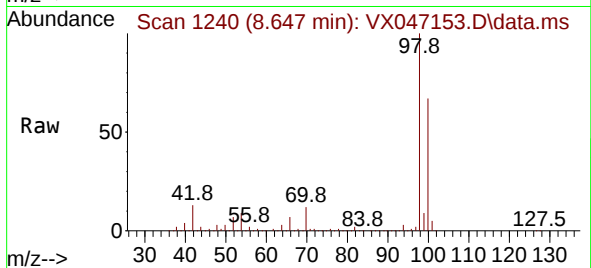




#50
Toluene-d8
Concen: 59.581 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047153.D
Acq: 28 Jul 2025 09:58

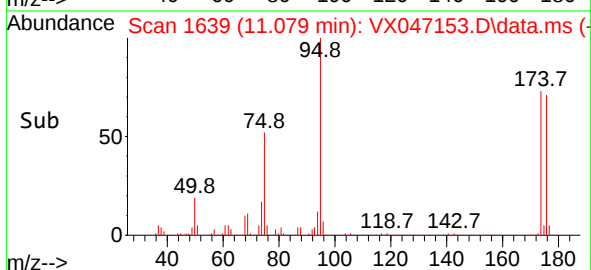
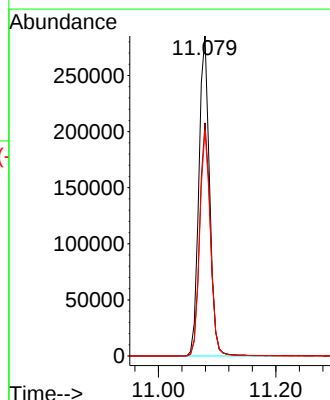
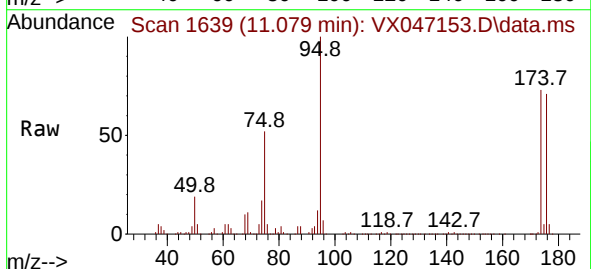
Instrument :
MSVOA_X
ClientSampleId :
VX0728MBL01

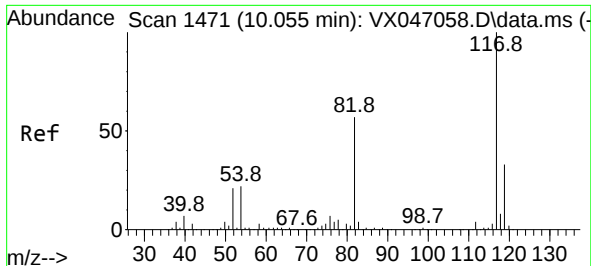
Tgt Ion: 98 Resp: 847990
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 58.494 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047153.D
Acq: 28 Jul 2025 09:58

Tgt Ion: 95 Resp: 358768
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 70.4 0.0 139.6

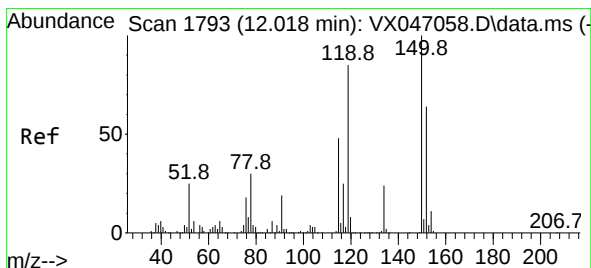
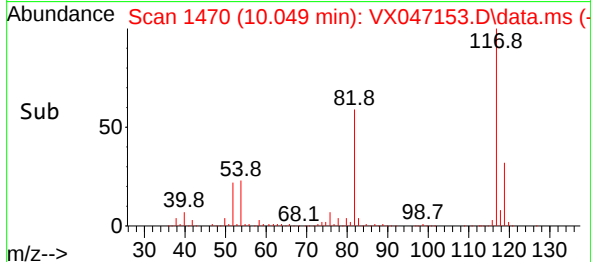
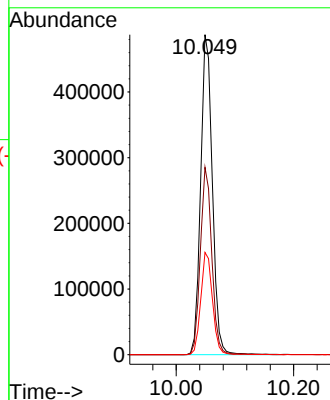
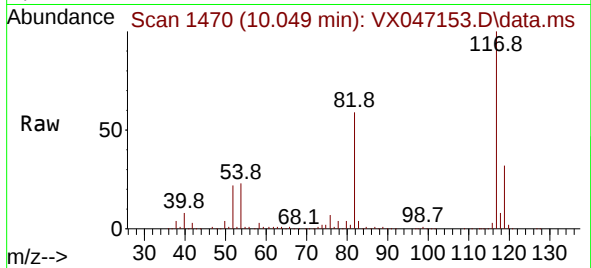




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047153.D
Acq: 28 Jul 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VX0728MBL01

Tgt Ion:117 Resp: 673199
Ion Ratio Lower Upper
117 100
82 58.6 45.4 68.2
119 32.0 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: VX047153.D
Acq: 28 Jul 2025 09:58

Tgt Ion:152 Resp: 348234
Ion Ratio Lower Upper
152 100
115 63.5 45.6 136.7
150 154.5 0.0 354.6

