

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080625\
 Data File : VX047239.D
 Acq On : 06 Aug 2025 11:31
 Operator : JC/MD
 Sample : VX0806MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806MBL01

Quant Time: Aug 07 01:13:52 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	5.562	168	237933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	448379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155927	52.609	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.220%
35) Dibromofluoromethane	5.397	113	130164	47.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.647	98	481117	53.663	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.320%
62) 4-Bromofluorobenzene	11.079	95	201444	52.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.280%

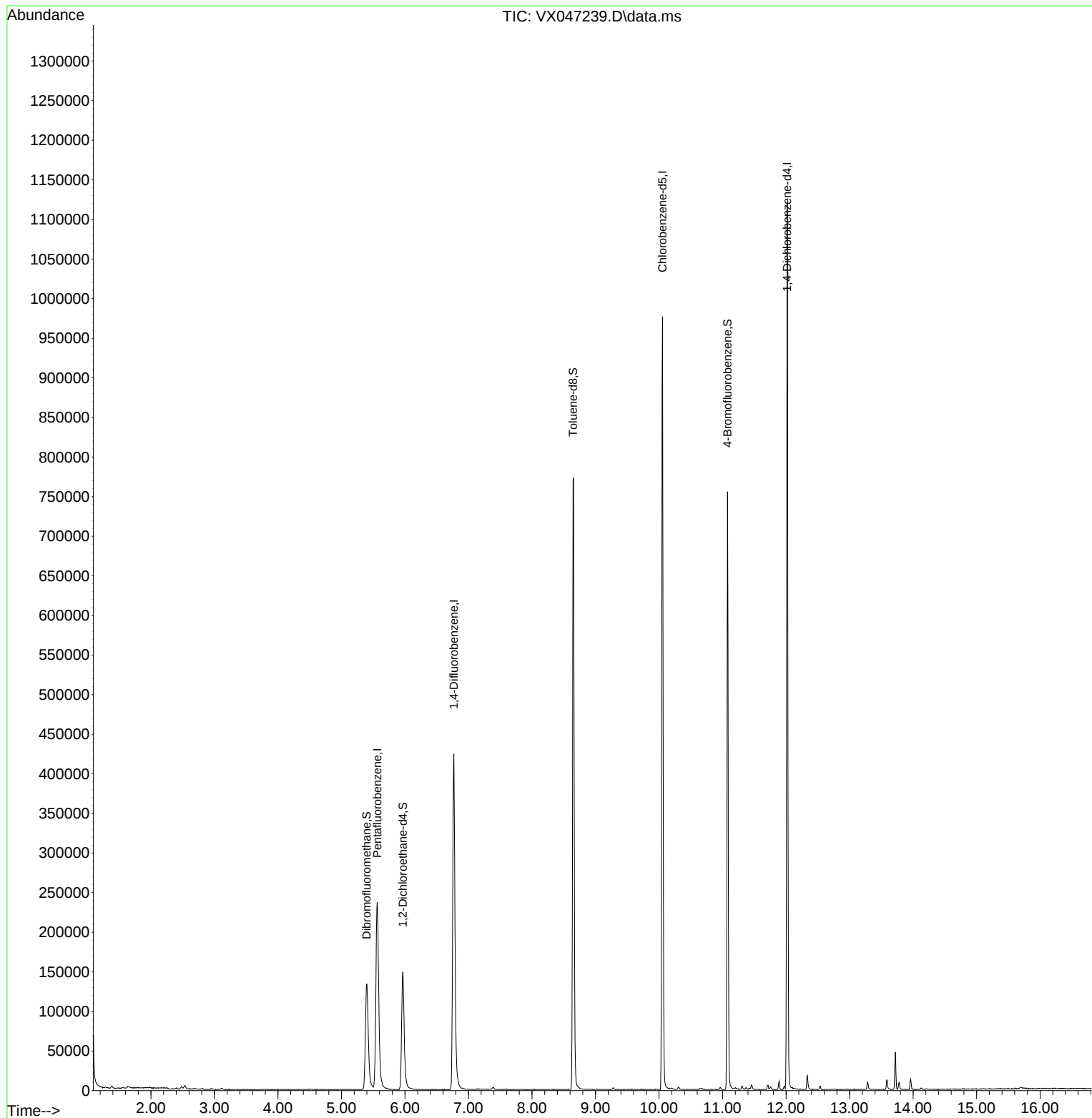
Target Compounds	Qvalue

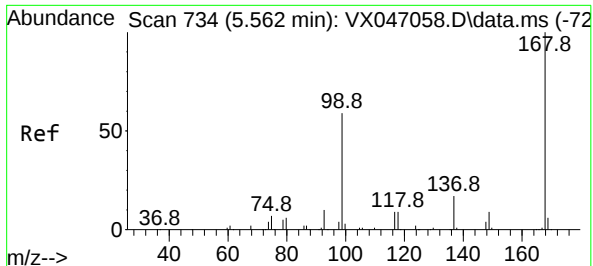
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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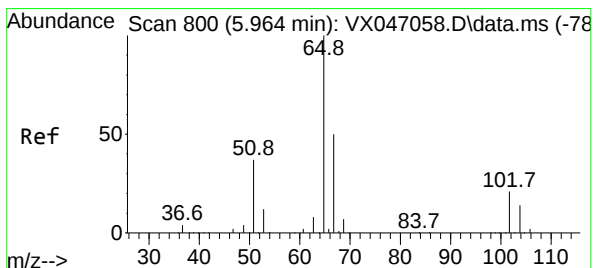
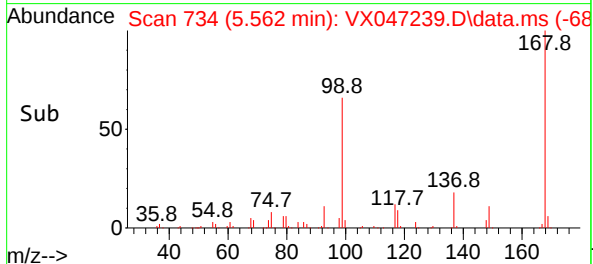
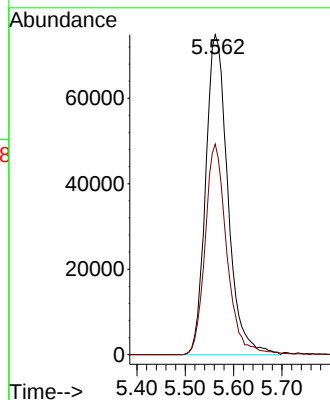
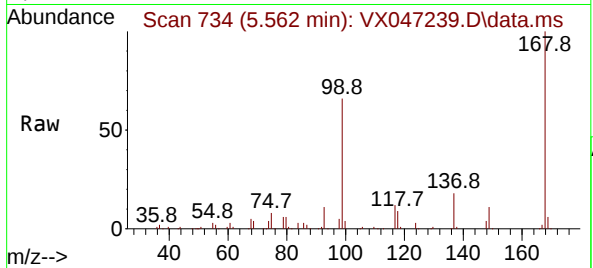




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047239.D
Acq: 06 Aug 2025 11:31

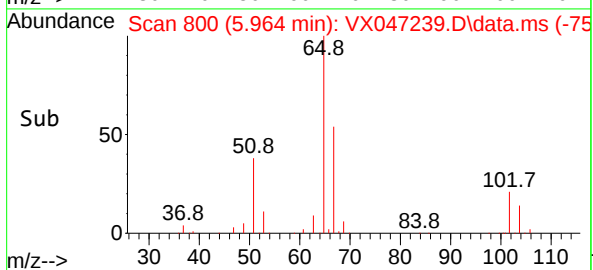
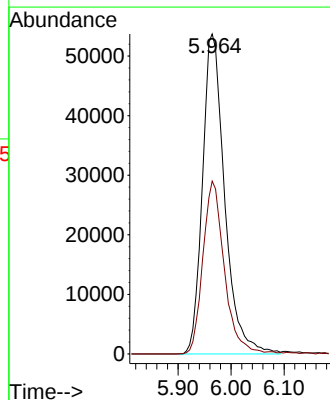
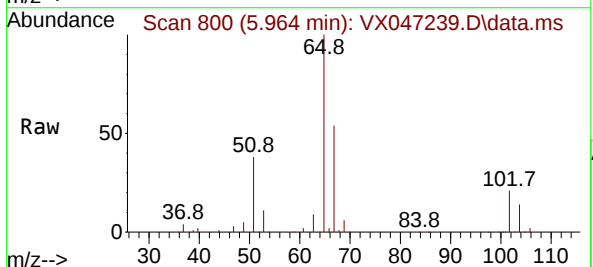
Instrument :
MSVOA_X
ClientSampleId :
VX0806MBL01

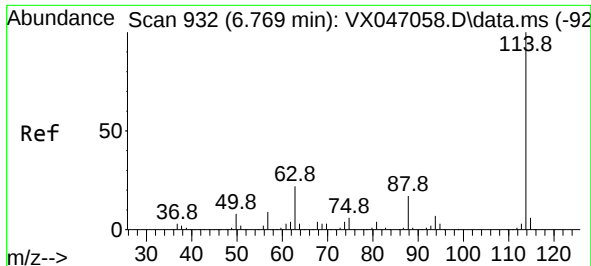
Tgt Ion:168 Resp: 237933
Ion Ratio Lower Upper
168 100
99 65.8 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 52.609 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047239.D
Acq: 06 Aug 2025 11:31

Tgt Ion: 65 Resp: 155927
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

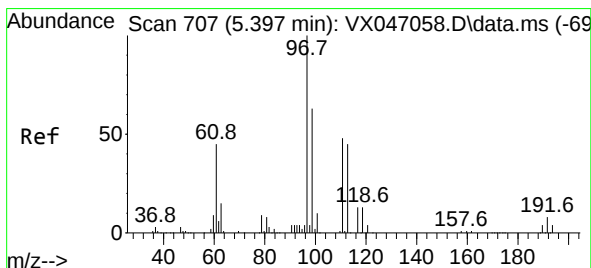
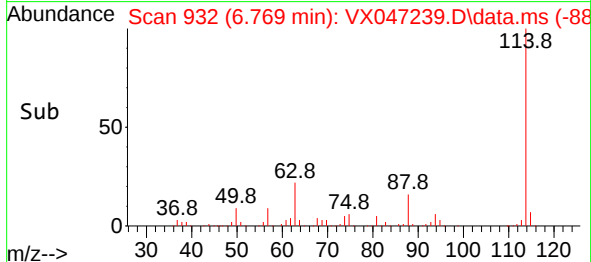
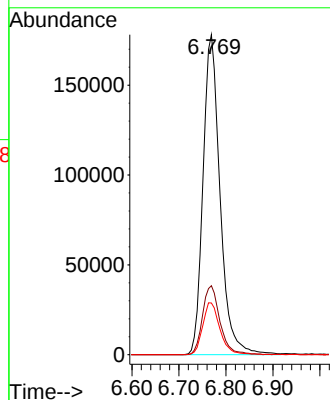
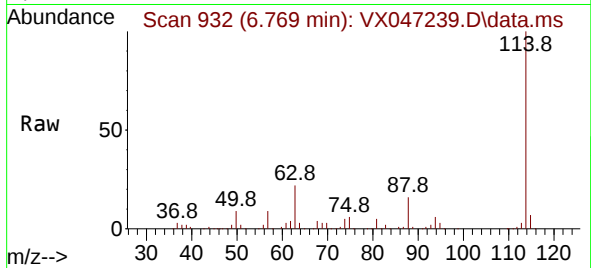




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047239.D
Acq: 06 Aug 2025 11:31

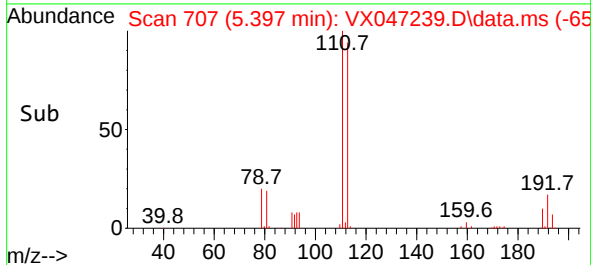
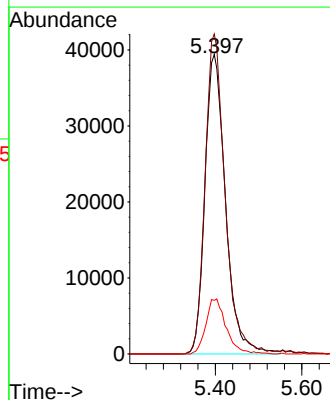
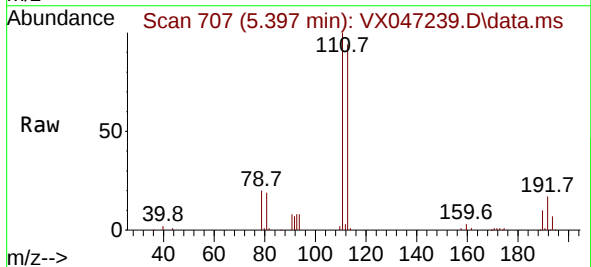
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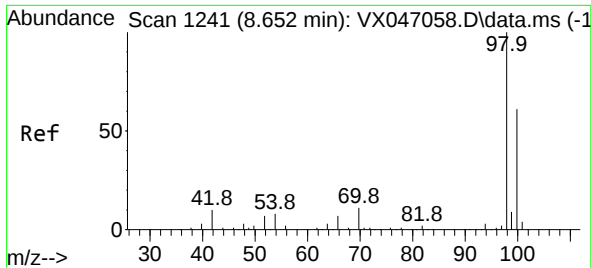
Tgt Ion:114 Resp: 448379
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 47.017 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047239.D
Acq: 06 Aug 2025 11:31

Tgt Ion:113 Resp: 130164
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.2 14.9 22.3

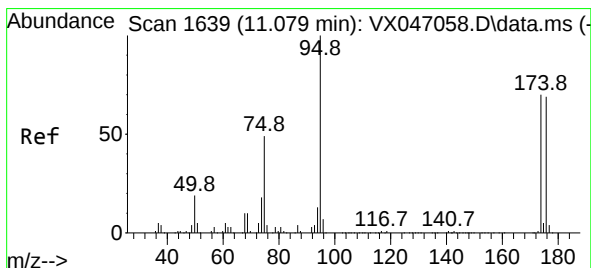
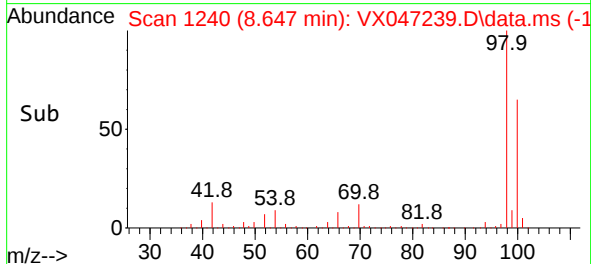
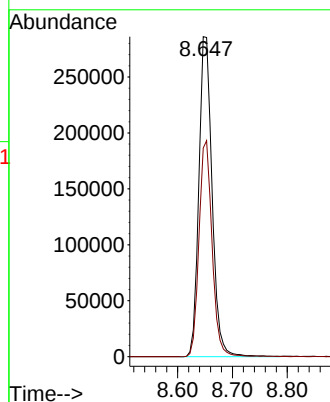
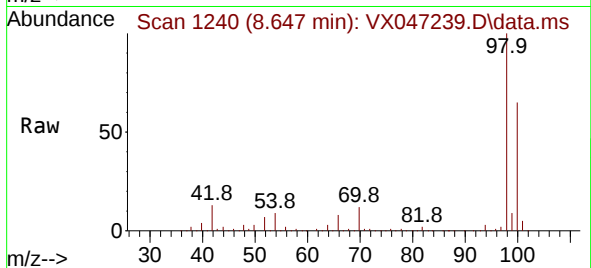




#50
Toluene-d8
Concen: 53.663 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047239.D
Acq: 06 Aug 2025 11:31

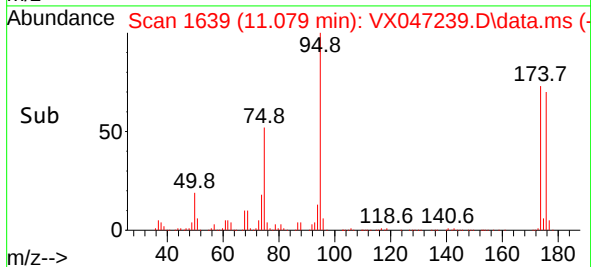
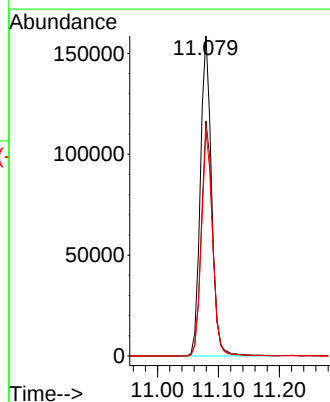
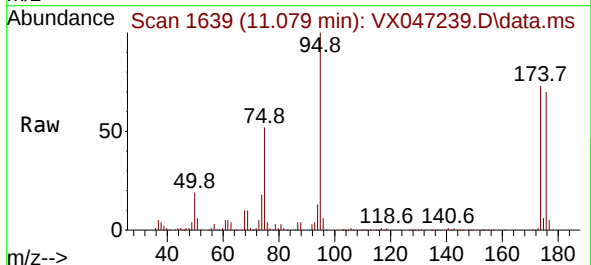
Instrument :
MSVOA_X
ClientSampleId :
VX0806MBL01

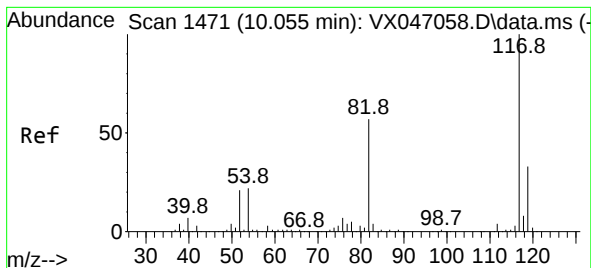
Tgt Ion: 98 Resp: 481117
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047239.D
Acq: 06 Aug 2025 11:31

Tgt Ion: 95 Resp: 201444
Ion Ratio Lower Upper
95 100
174 73.8 0.0 144.6
176 70.8 0.0 139.6

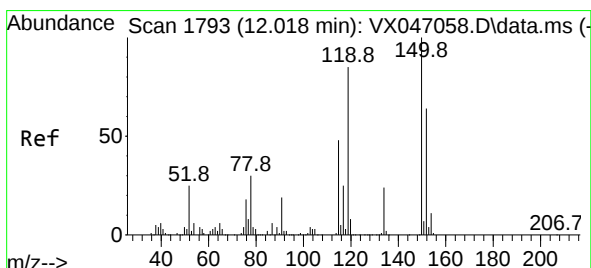
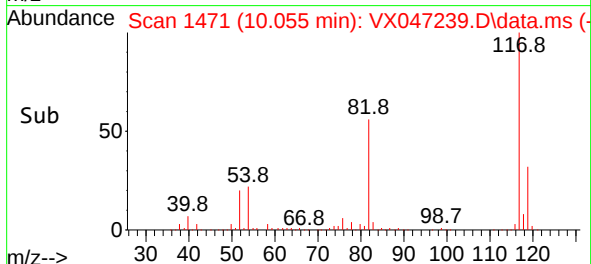
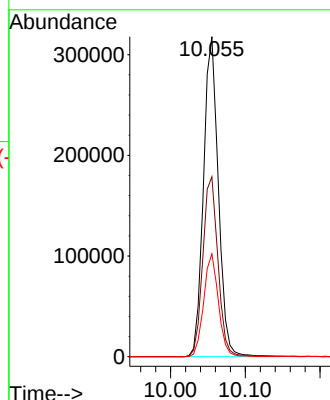
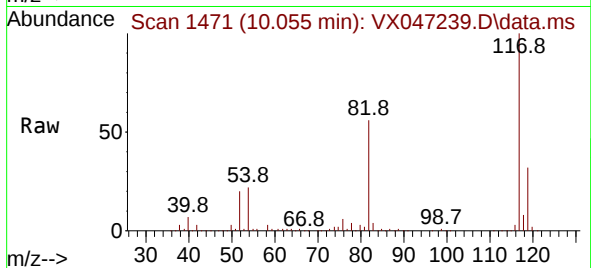




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047239.D
Acq: 06 Aug 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0806MBL01

Tgt Ion:117 Resp: 438888
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 32.1 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: VX047239.D
Acq: 06 Aug 2025 11:31

Tgt Ion:152 Resp: 220751
Ion Ratio Lower Upper
152 100
115 62.6 45.6 136.7
150 155.7 0.0 354.6

