

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047218.D
 Acq On : 04 Aug 2025 10:37
 Operator : JC/MD
 Sample : VX0804WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBL01

Quant Time: Aug 05 02:54:25 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	365562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	684835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	656222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	335604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	250060	54.913	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.820%
35) Dibromofluoromethane	5.391	113	210230	49.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.440%
50) Toluene-d8	8.647	98	746150	54.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.980%
62) 4-Bromofluorobenzene	11.079	95	315122	53.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.800%

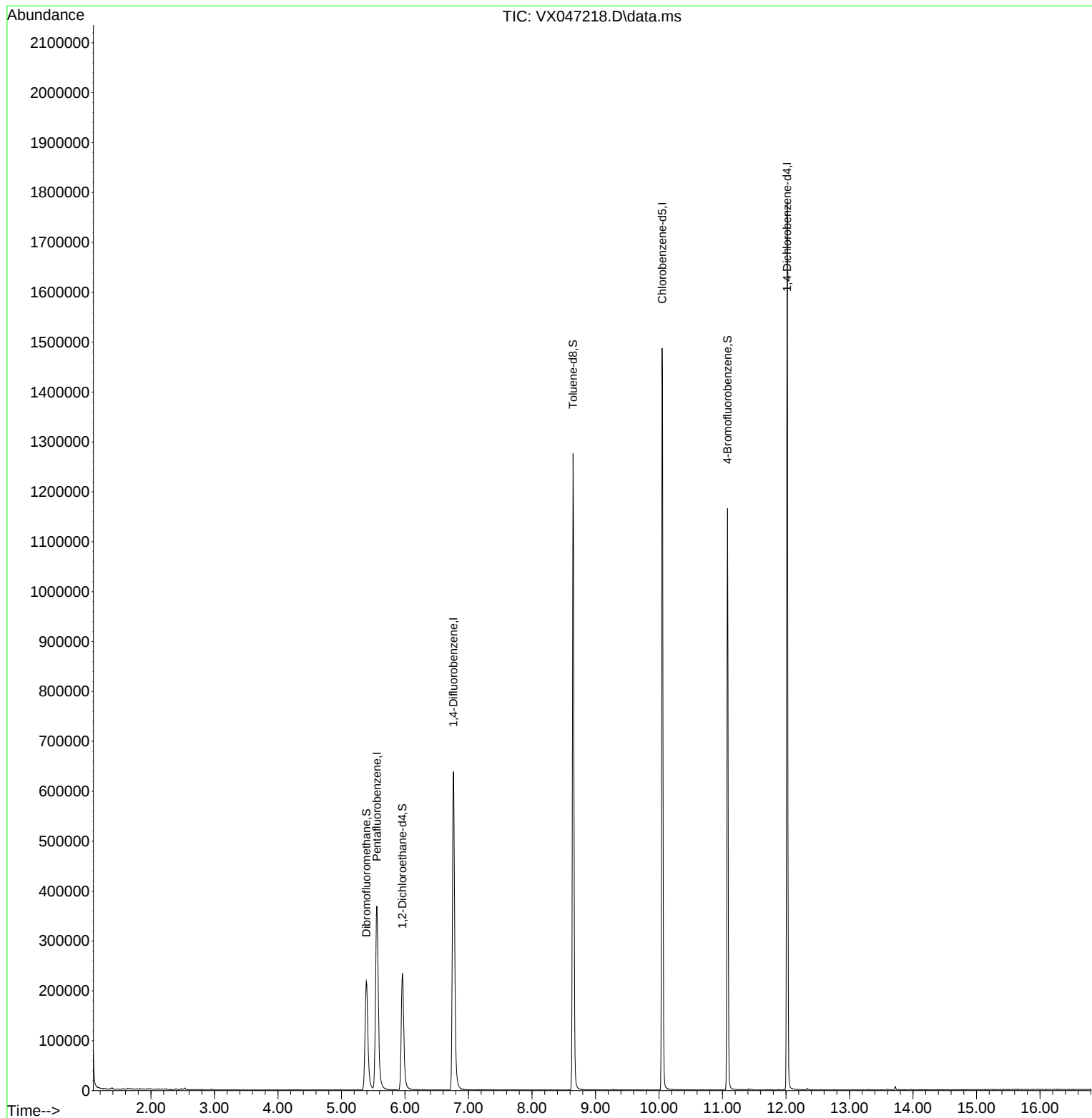
Target Compounds	Qvalue

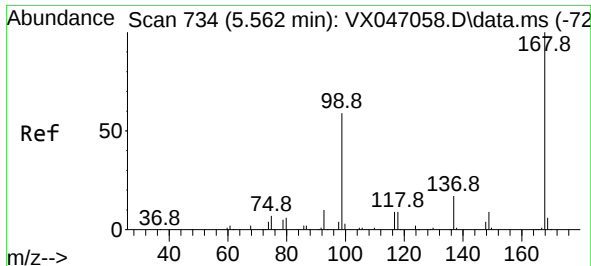
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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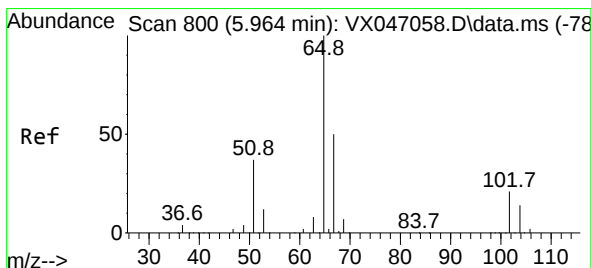
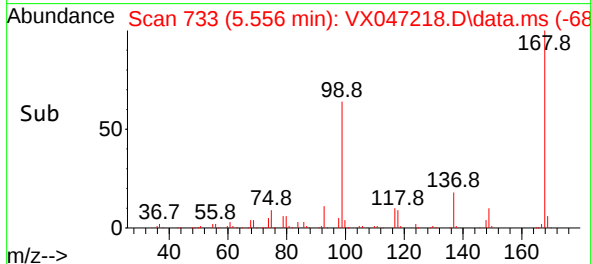
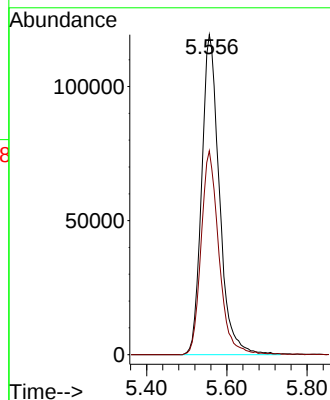
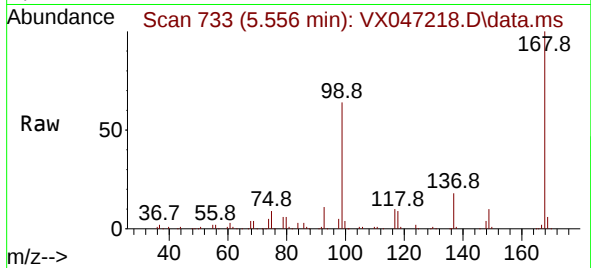




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

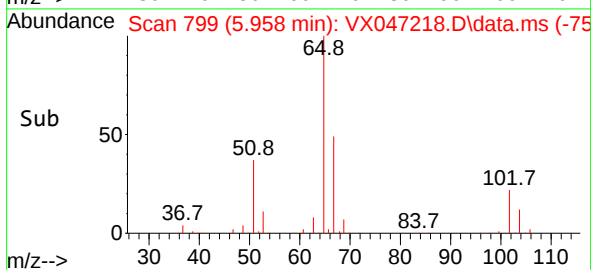
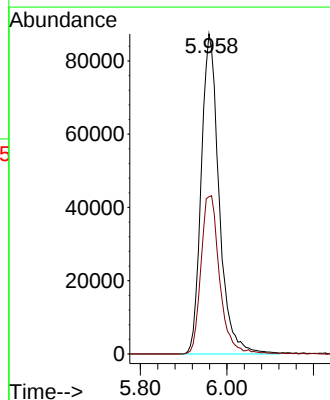
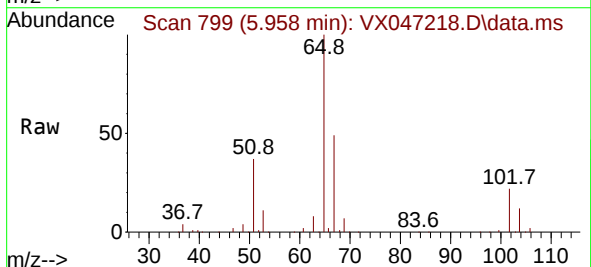
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

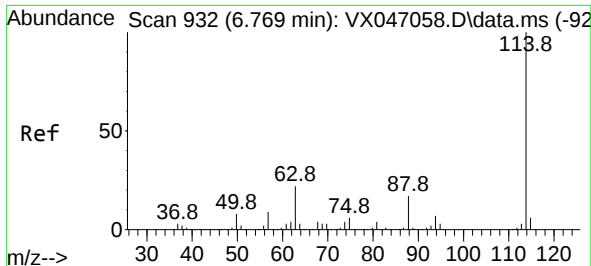
Tgt Ion:168 Resp: 365562
Ion Ratio Lower Upper
168 100
99 63.7 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion: 65 Resp: 250060
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

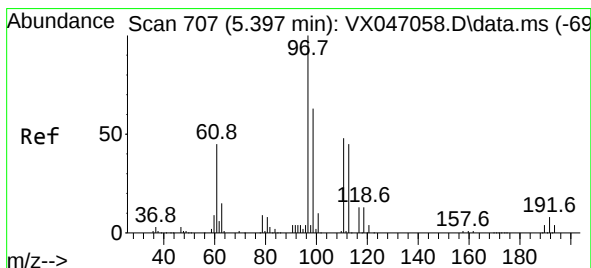
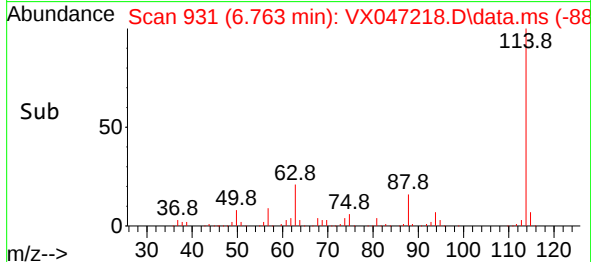
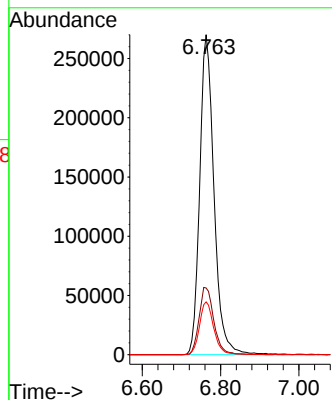
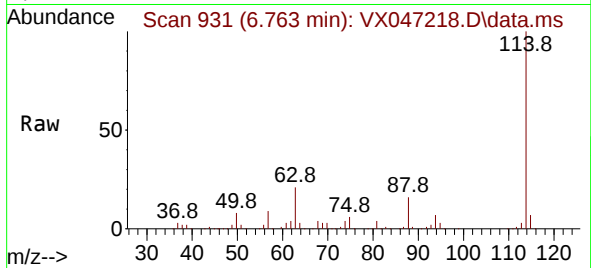




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

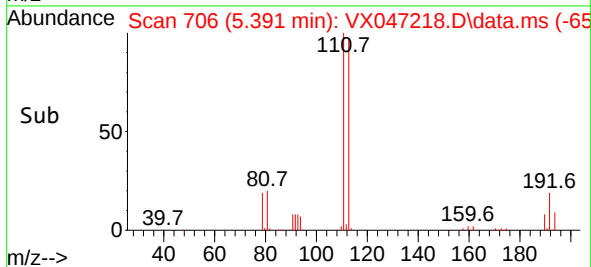
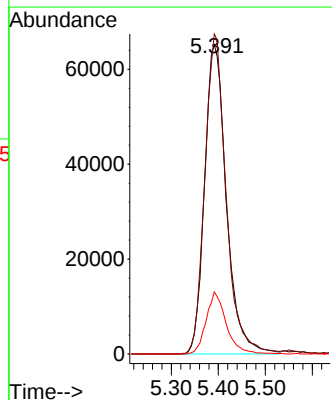
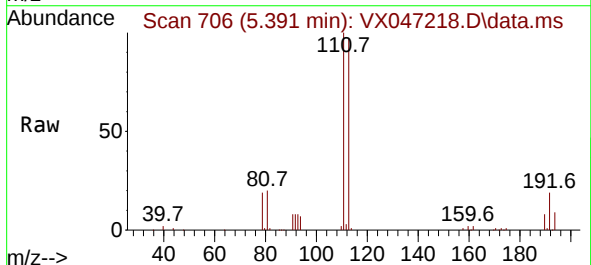
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

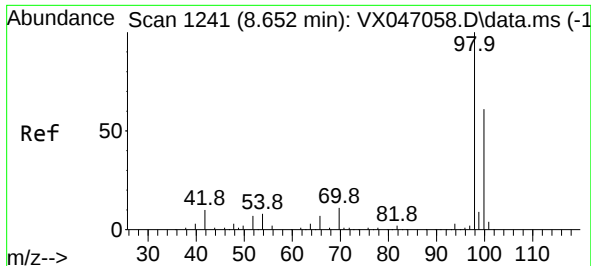
Tgt Ion:114 Resp: 684835
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.719 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion:113 Resp: 210230
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 18.5 14.9 22.3

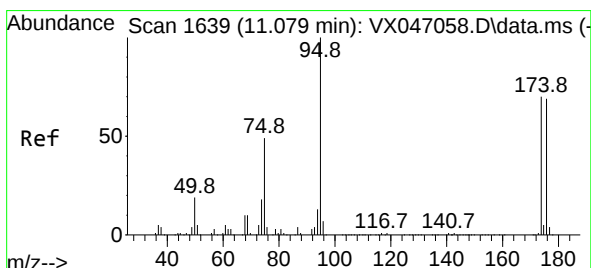
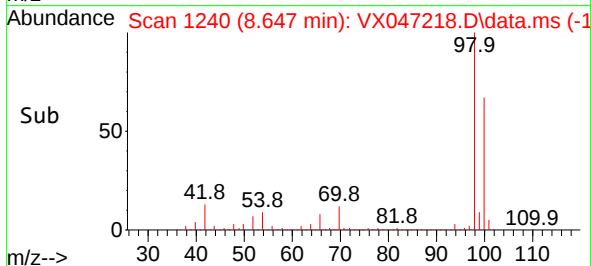
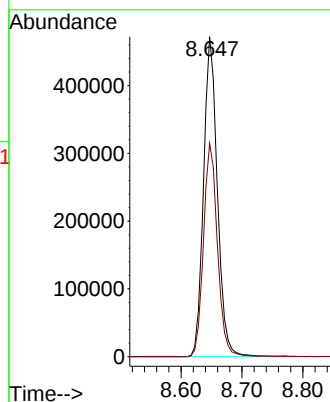
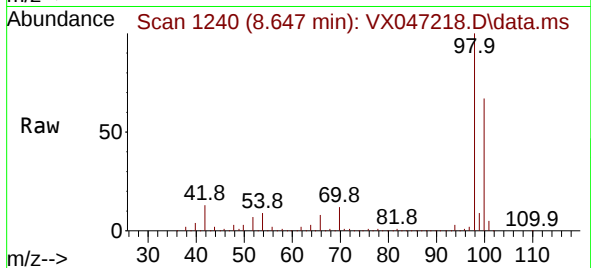




#50
Toluene-d8
Concen: 54.489 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

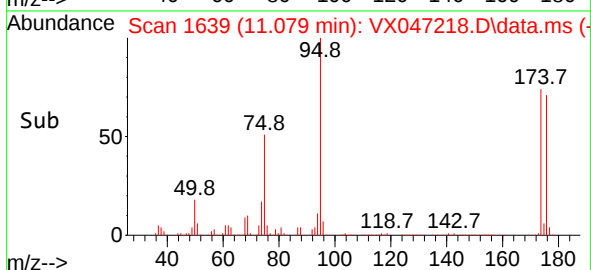
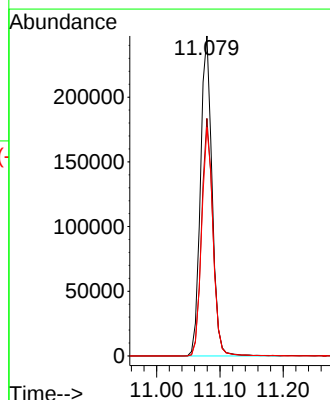
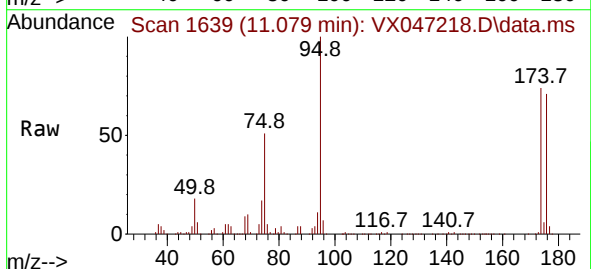
Instrument :
MSVOA_X
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VX0804WBL01

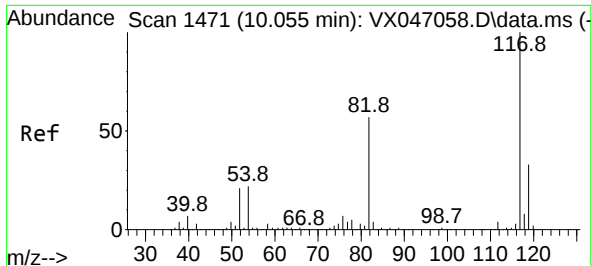
Tgt Ion: 98 Resp: 746150
Ion Ratio Lower Upper
98 100
100 67.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion: 95 Resp: 315122
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.6
176 70.8 0.0 139.6

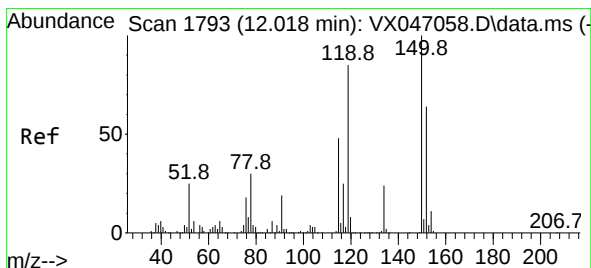
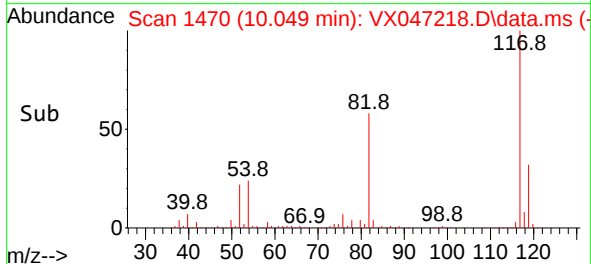
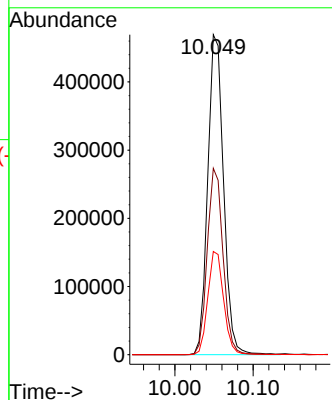
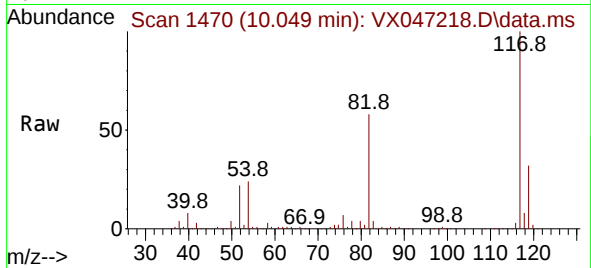




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Tgt Ion:117 Resp: 656222
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 32.2 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: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion:152 Resp: 335604
Ion Ratio Lower Upper
152 100
115 62.1 45.6 136.7
150 159.4 0.0 354.6

