

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047217.D
 Acq On : 04 Aug 2025 10:11
 Operator : JC/MD
 Sample : VX0804MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804MBL01

Quant Time: Aug 05 02:53:58 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	246208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	439424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	224628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156565	51.049	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.100%
35) Dibromofluoromethane	5.391	113	131220	46.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	470108	51.895	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.800%
62) 4-Bromofluorobenzene	11.079	95	199023	50.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.960%

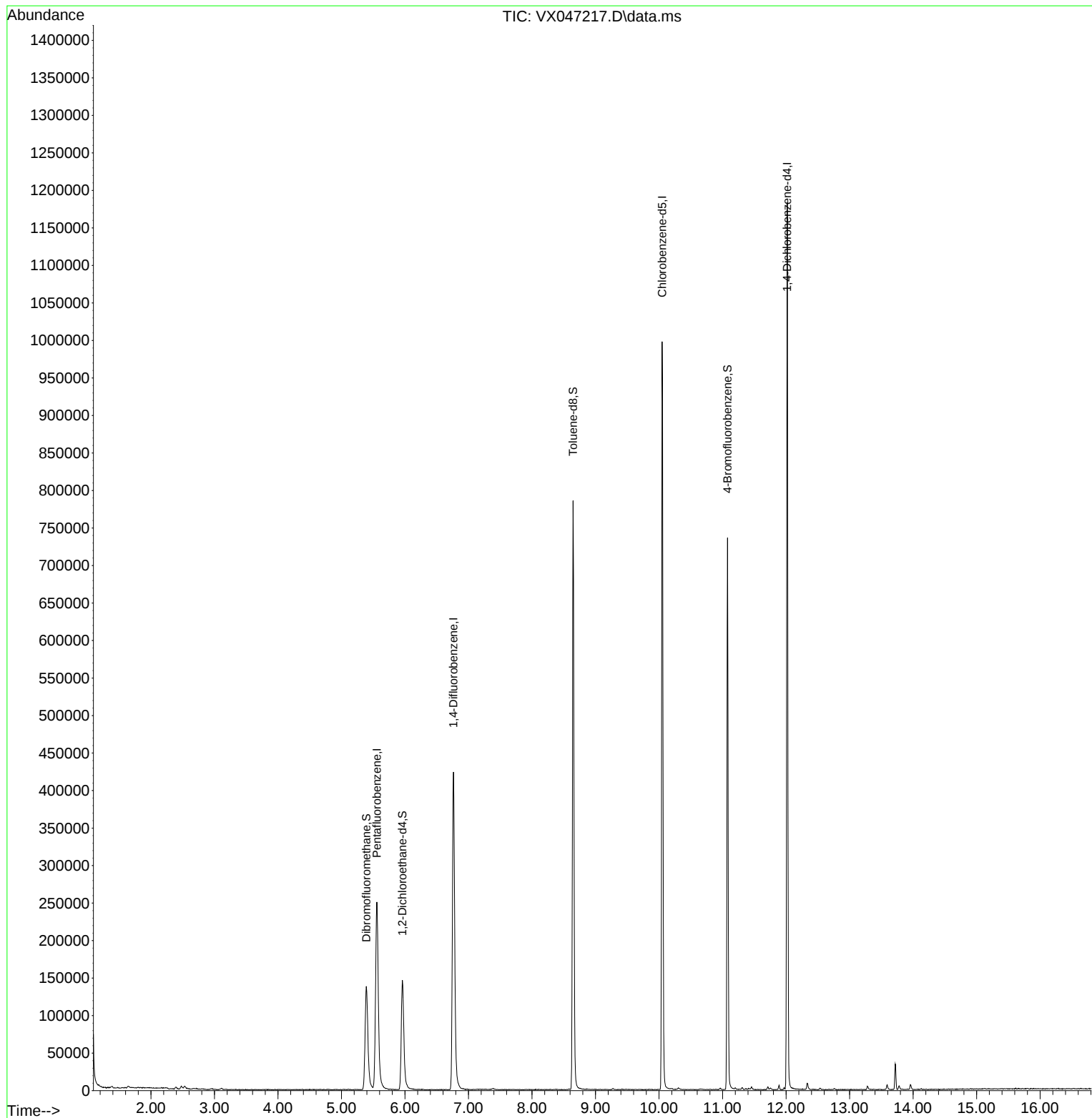
Target Compounds	Qvalue

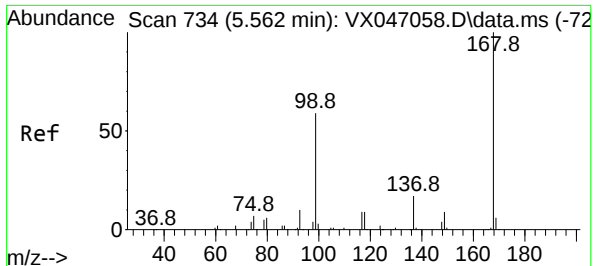
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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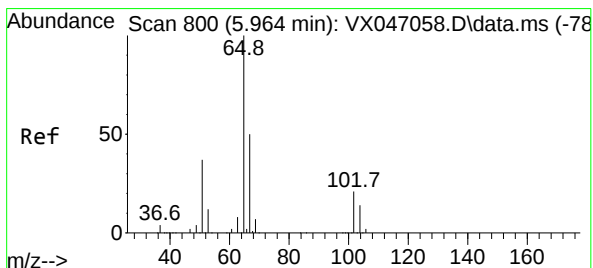
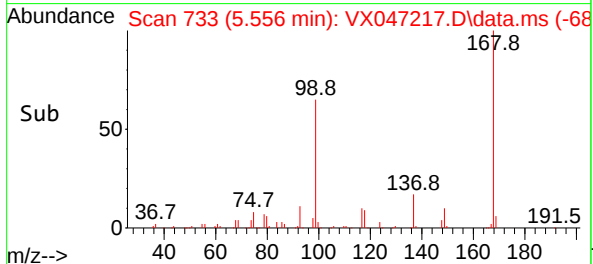
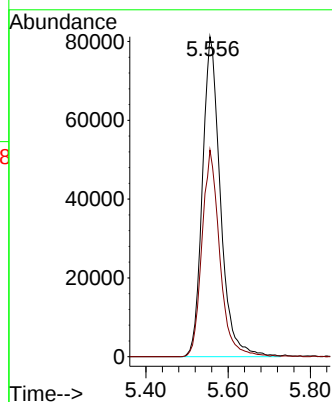
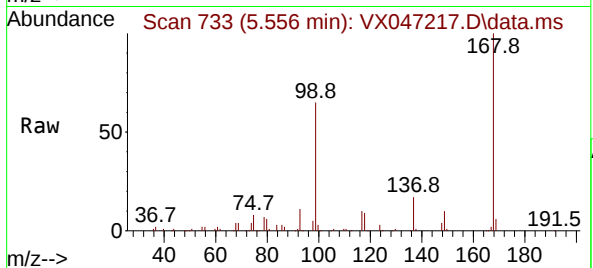




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX047217.D
Acq: 04 Aug 2025 10:11

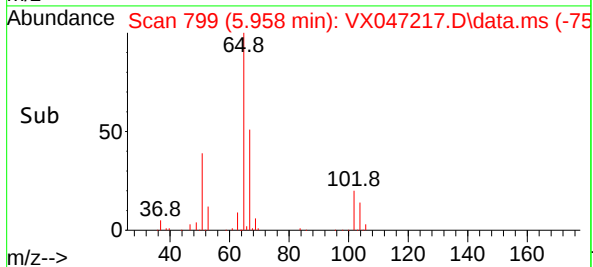
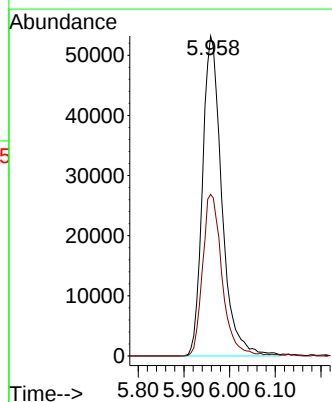
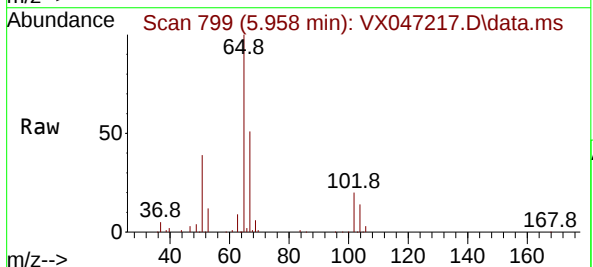
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

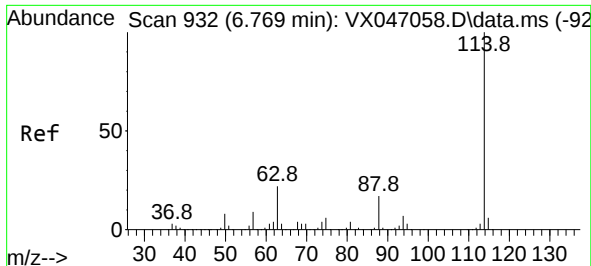
Tgt Ion:168 Resp: 246208
Ion Ratio Lower Upper
168 100
99 64.6 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 51.049 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047217.D
Acq: 04 Aug 2025 10:11

Tgt Ion: 65 Resp: 156565
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8

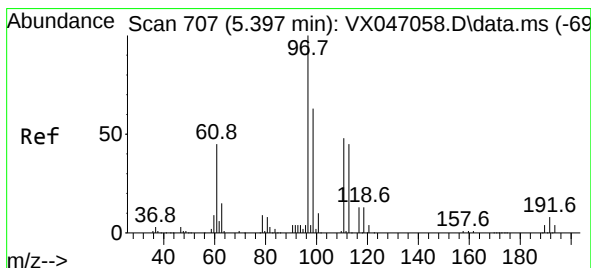
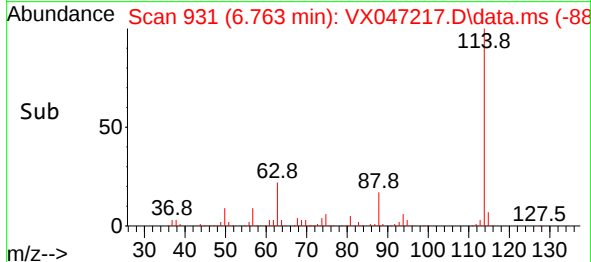
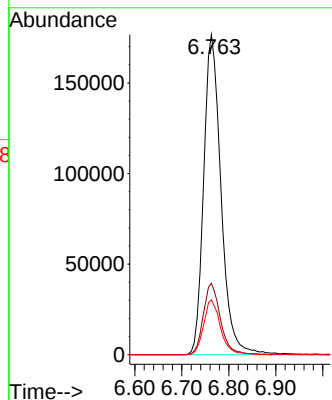
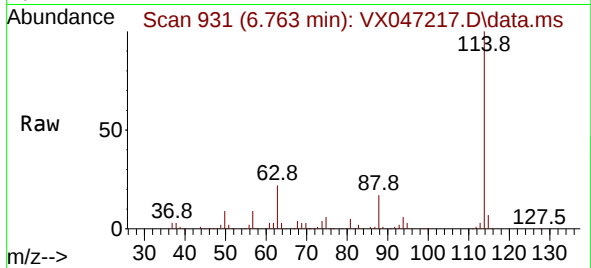




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047217.D
Acq: 04 Aug 2025 10:11

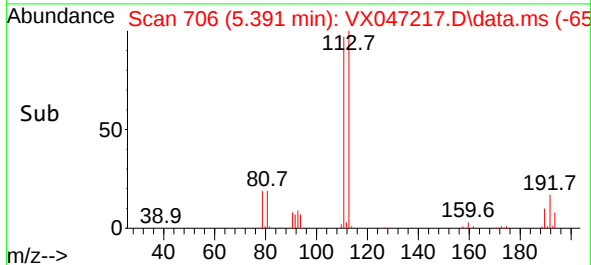
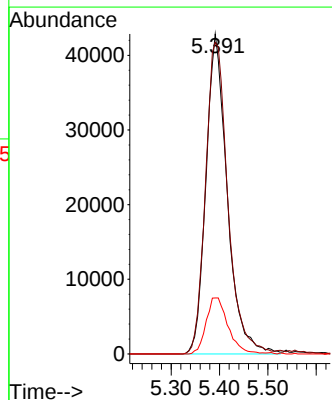
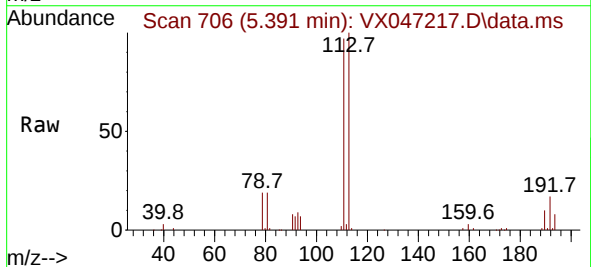
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

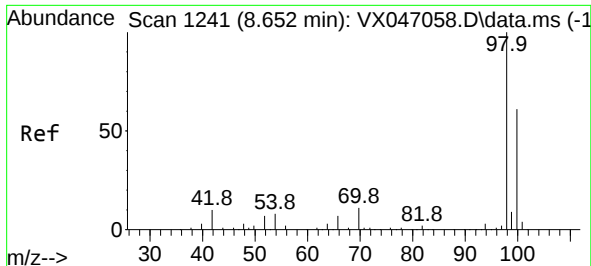
Tgt Ion:114 Resp: 453042
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 17.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.911 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047217.D
Acq: 04 Aug 2025 10:11

Tgt Ion:113 Resp: 131220
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.1 14.9 22.3

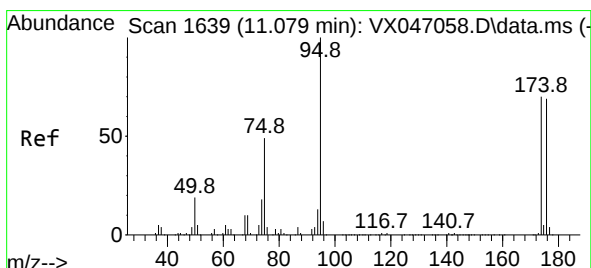
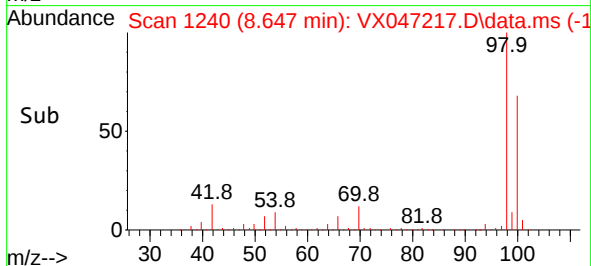
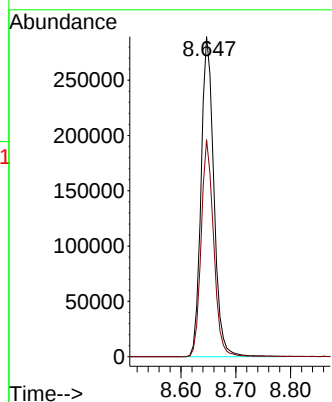
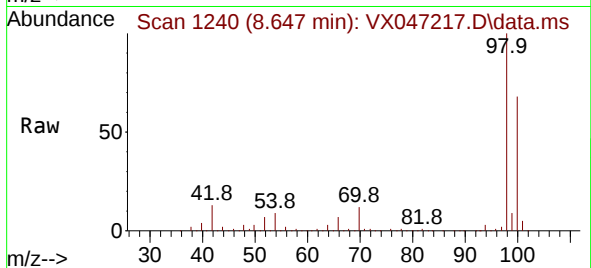




#50
Toluene-d8
Concen: 51.895 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047217.D
Acq: 04 Aug 2025 10:11

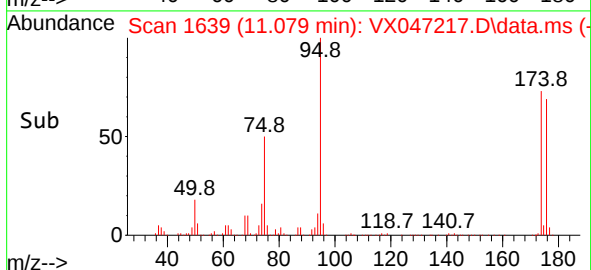
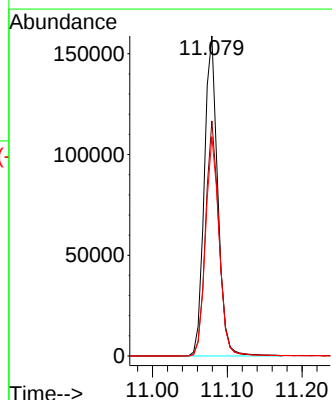
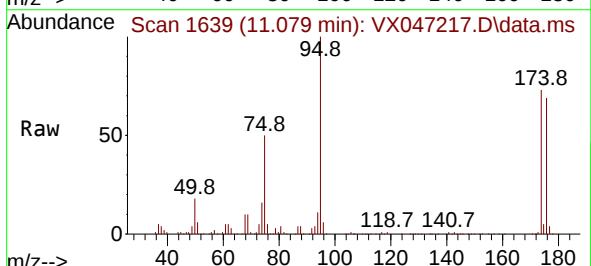
Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

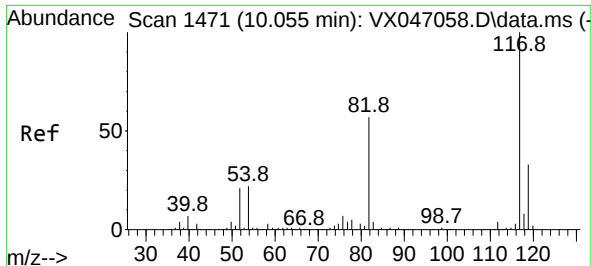
Tgt Ion: 98 Resp: 470108
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047217.D
Acq: 04 Aug 2025 10:11

Tgt Ion: 95 Resp: 199023
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 69.6 0.0 139.6

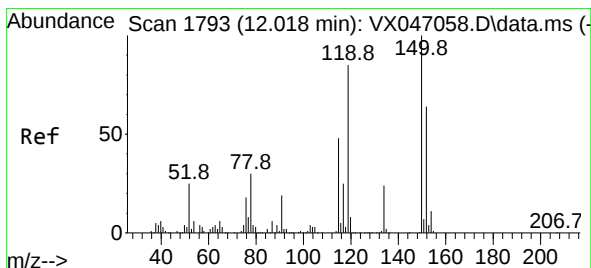
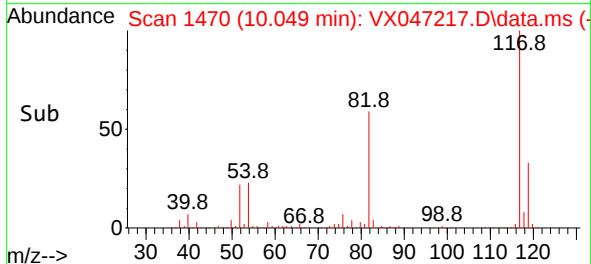
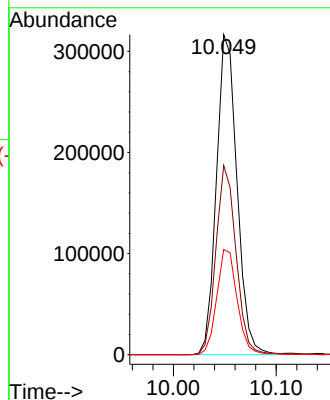
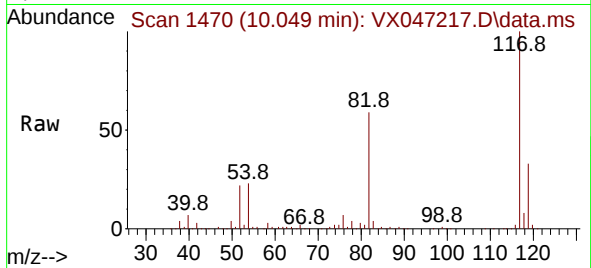




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047217.D
Acq: 04 Aug 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0804MBL01

Tgt Ion:117 Resp: 439424
Ion Ratio Lower Upper
117 100
82 59.1 45.4 68.2
119 32.8 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: VX047217.D
Acq: 04 Aug 2025 10:11

Tgt Ion:152 Resp: 224628
Ion Ratio Lower Upper
152 100
115 63.9 45.6 136.7
150 157.1 0.0 354.6

