

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047180.D
 Acq On : 30 Jul 2025 09:44
 Operator : JC/MD
 Sample : VX0730MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730MBL01

Quant Time: Jul 31 03:13:27 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	239890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	432254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	226566	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	182188	60.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.940%#
35) Dibromofluoromethane	5.391	113	146941	53.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.180%
50) Toluene-d8	8.646	98	543801	60.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	121.340%#
62) 4-Bromofluorobenzene	11.079	95	230781	59.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.480%

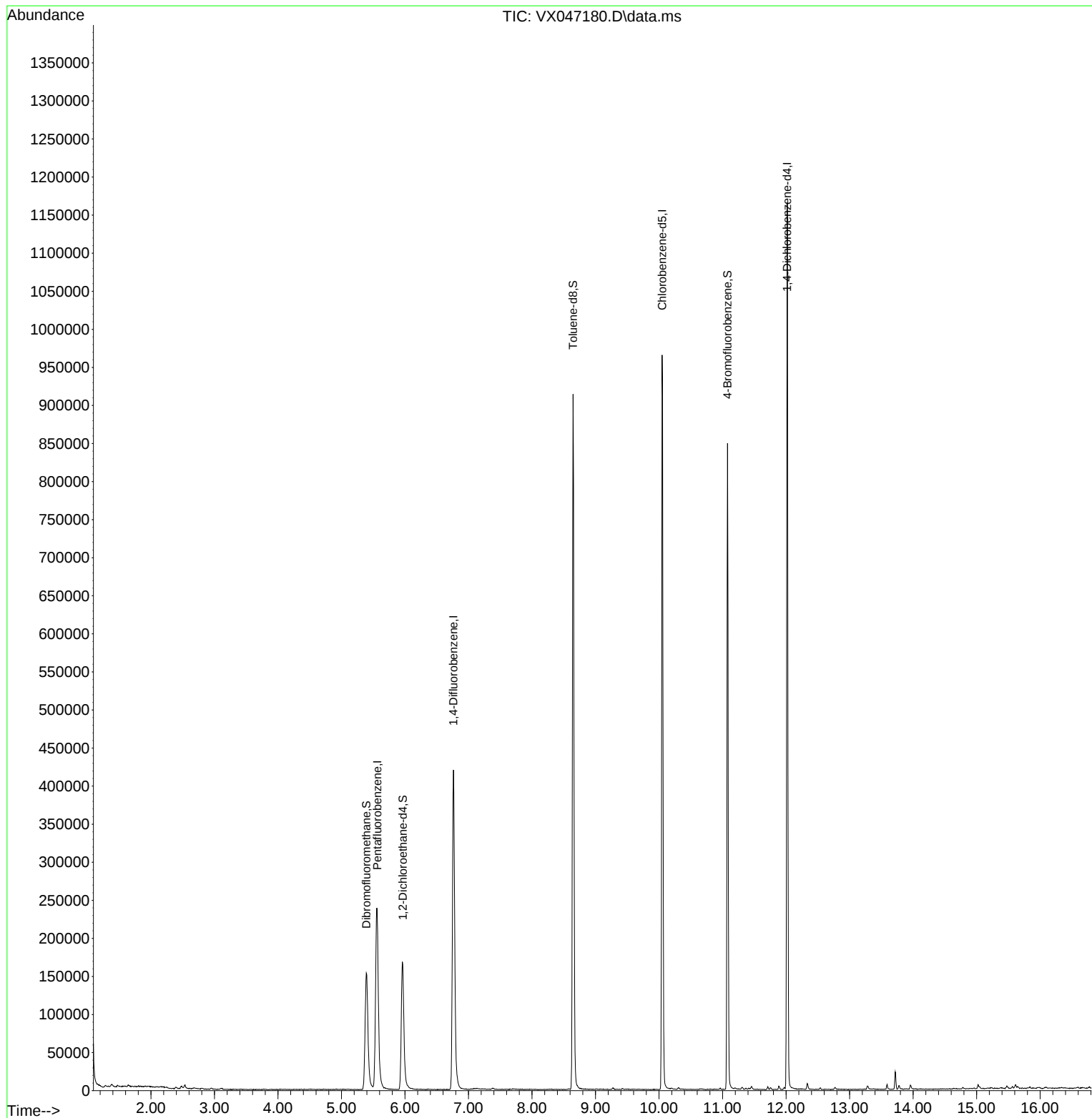
Target Compounds	Qvalue

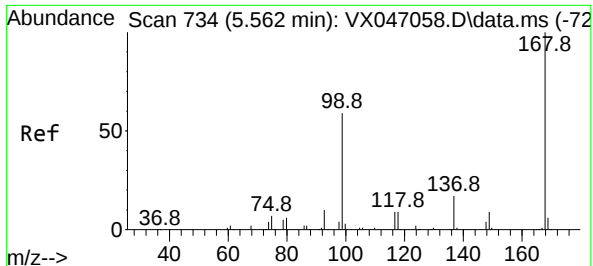
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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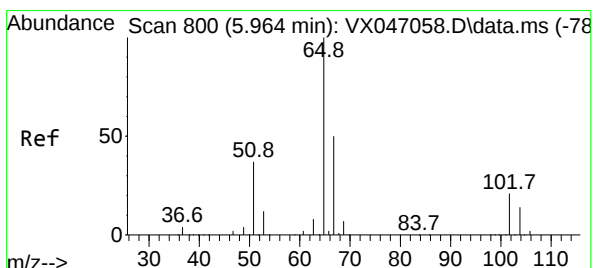
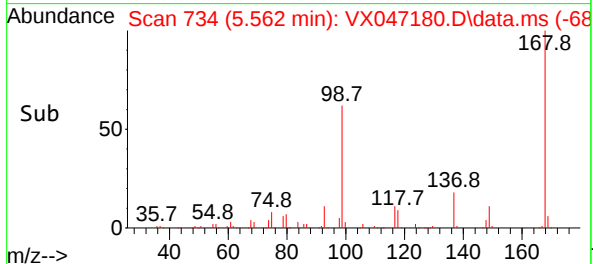
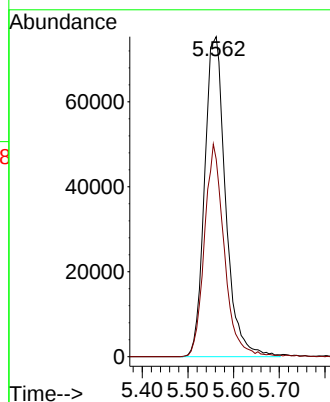
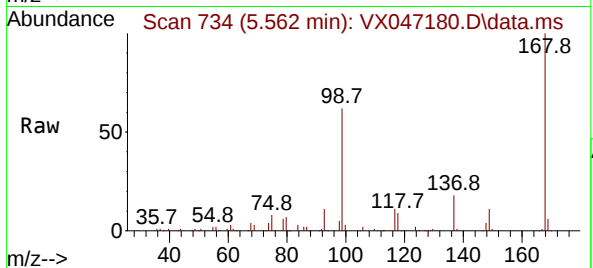




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047180.D
Acq: 30 Jul 2025 09:44

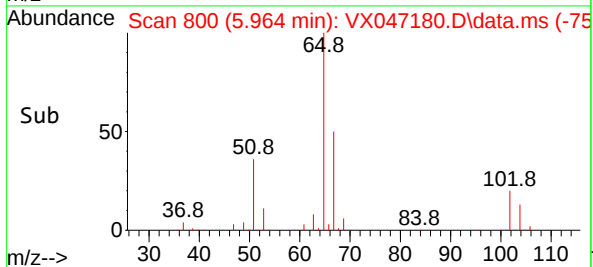
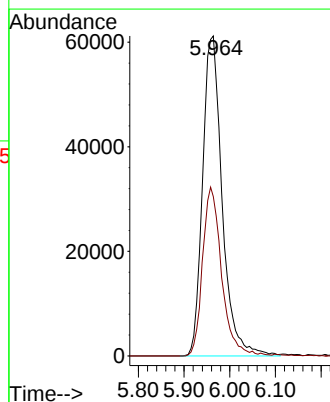
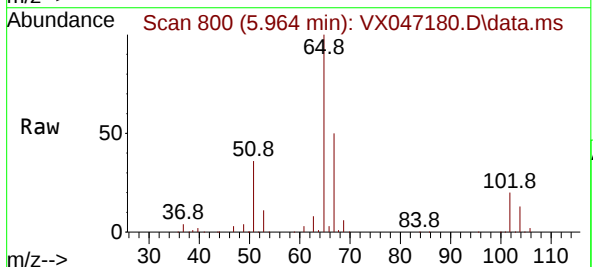
Instrument :
MSVOA_X
ClientSampleId :
VX0730MBL01

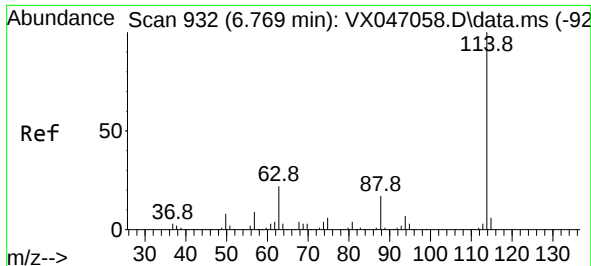
Tgt Ion:168 Resp: 239890
Ion Ratio Lower Upper
168 100
99 61.7 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 60.968 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047180.D
Acq: 30 Jul 2025 09:44

Tgt Ion: 65 Resp: 182188
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

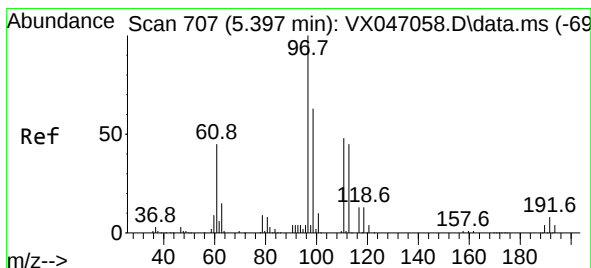
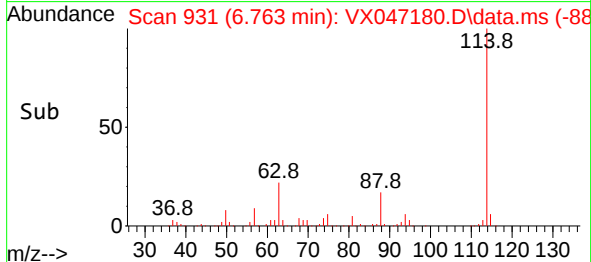
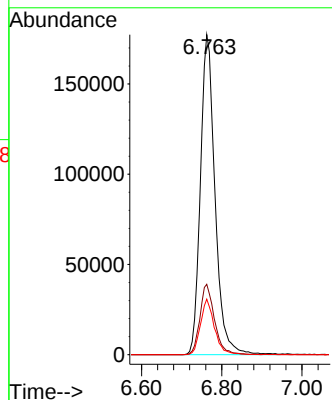
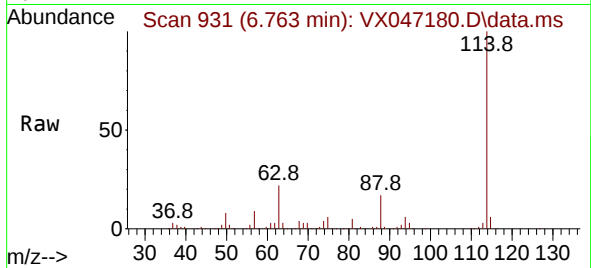




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047180.D
Acq: 30 Jul 2025 09:44

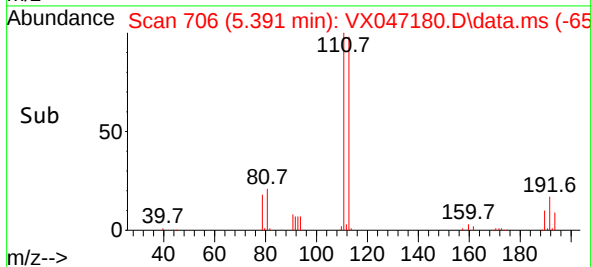
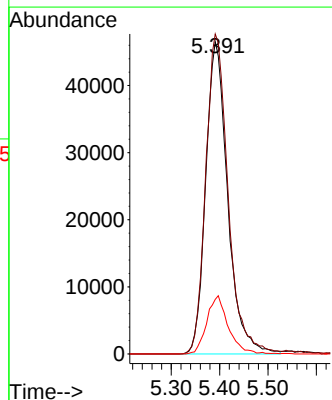
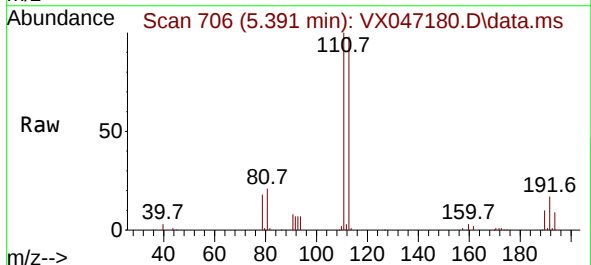
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VX0730MBL01

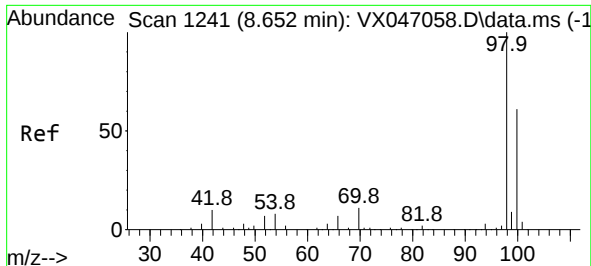
Tgt Ion:114 Resp: 448287
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 17.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047180.D
Acq: 30 Jul 2025 09:44

Tgt Ion:113 Resp: 146941
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 18.2 14.9 22.3

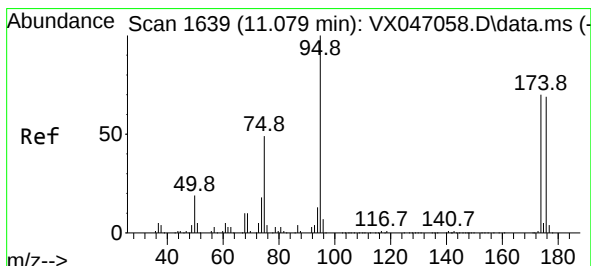
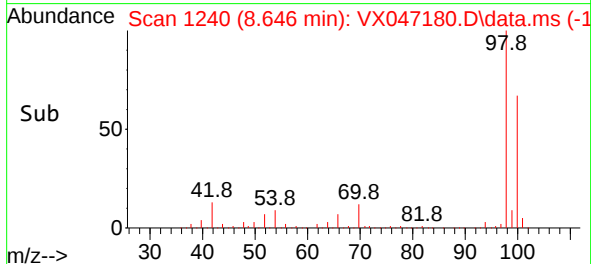
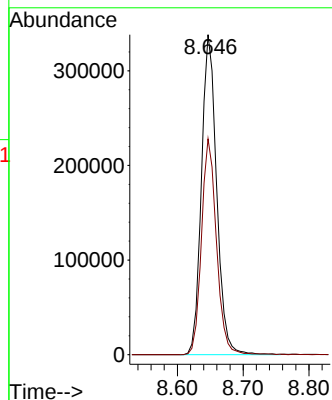
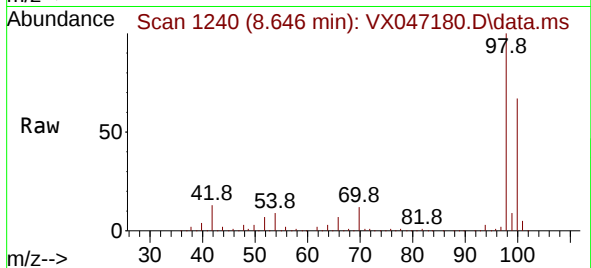




#50
Toluene-d8
Concen: 60.667 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047180.D
Acq: 30 Jul 2025 09:44

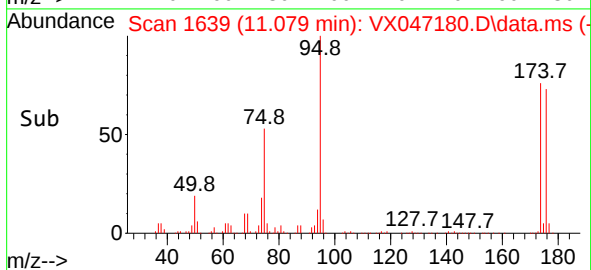
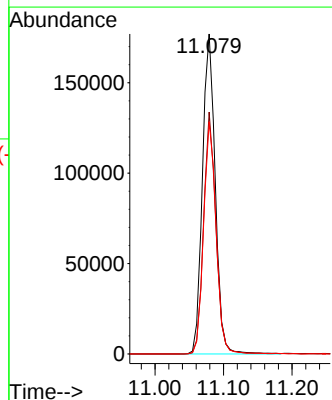
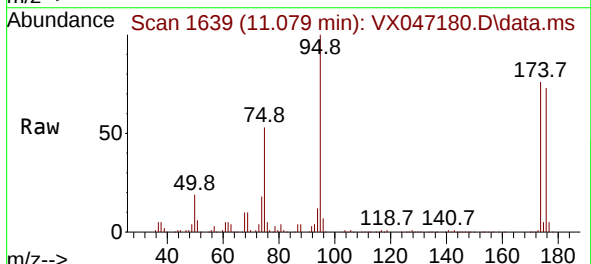
Instrument :
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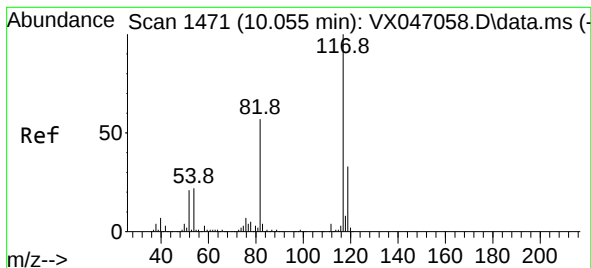
Tgt Ion: 98 Resp: 543801
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 59.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047180.D
Acq: 30 Jul 2025 09:44

Tgt Ion: 95 Resp: 230781
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.6
176 70.9 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: VX047180.D

Acq: 30 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX0730MBL01

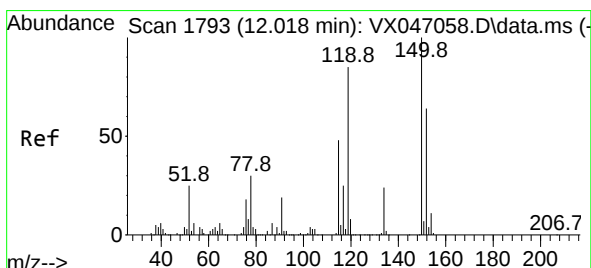
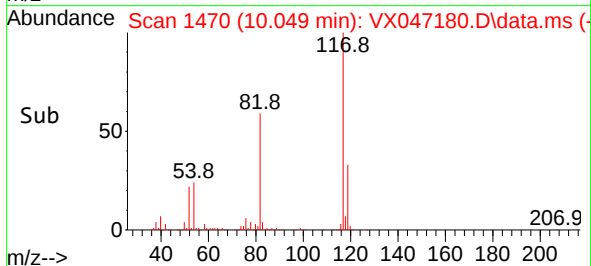
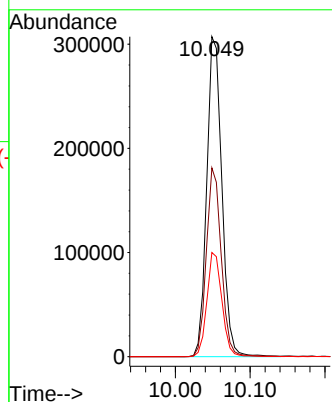
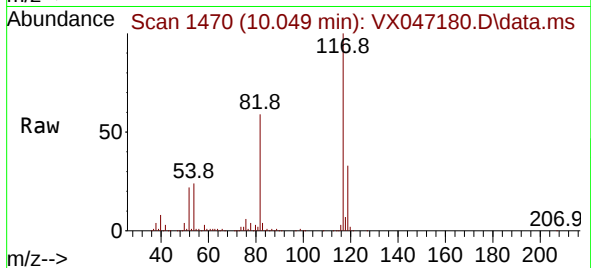
Tgt Ion:117 Resp: 432254

Ion Ratio Lower Upper

117 100

82 59.0 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. 0.000 min

Lab File: VX047180.D

Acq: 30 Jul 2025 09:44

Tgt Ion:152 Resp: 226566

Ion Ratio Lower Upper

152 100

115 62.8 45.6 136.7

150 158.5 0.0 354.6

