

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047252.D
 Acq On : 07 Aug 2025 10:42
 Operator : JC/MD
 Sample : VX0807MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807MBL01

Quant Time: Aug 08 02:40:05 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	272471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	501532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	245388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	180393	53.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.300%
35) Dibromofluoromethane	5.397	113	150564	48.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.647	98	547190	54.564	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.120%
62) 4-Bromofluorobenzene	11.079	95	224303	51.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.800%

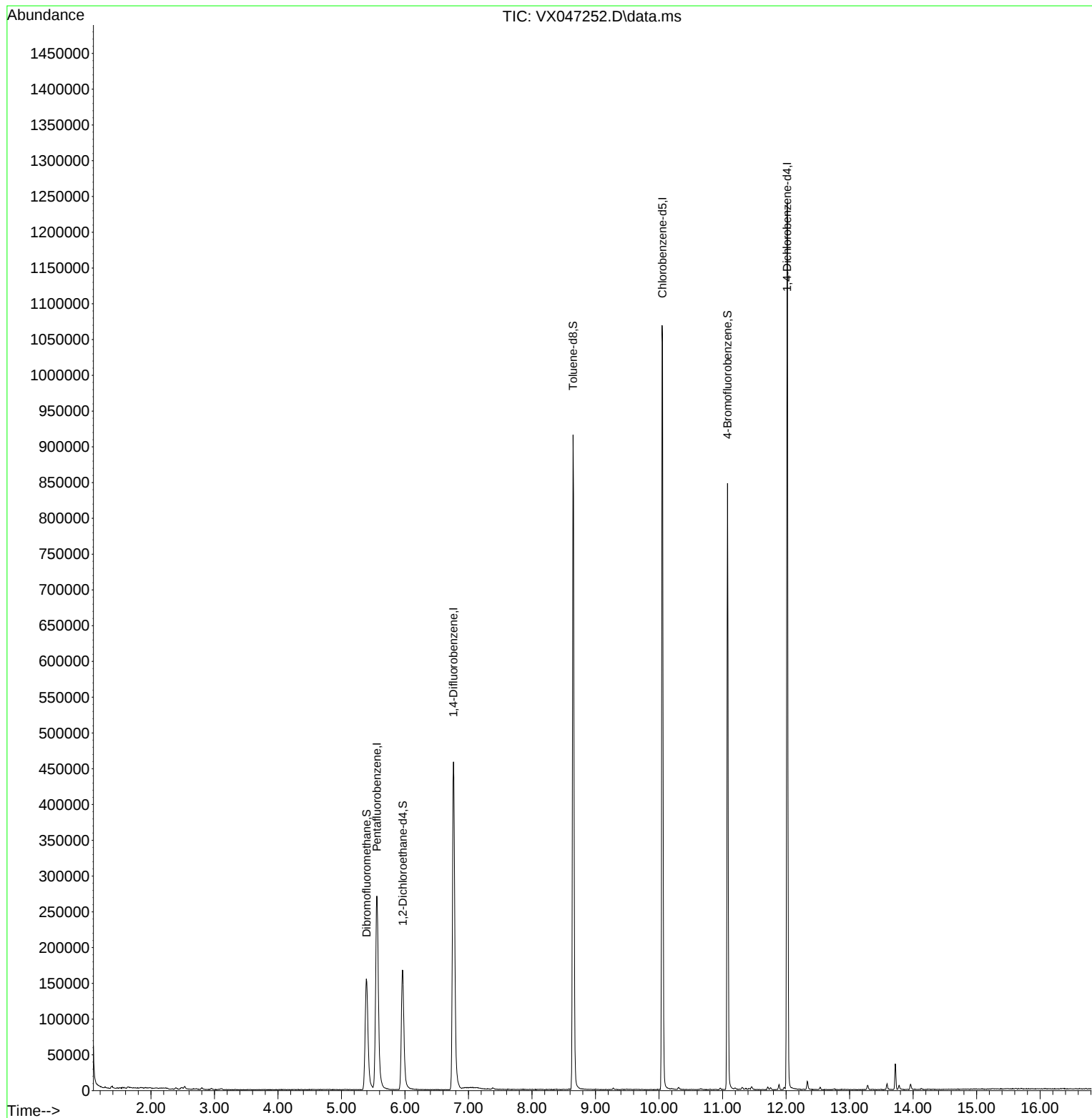
Target Compounds	Qvalue

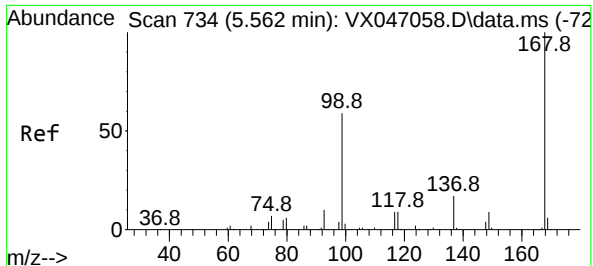
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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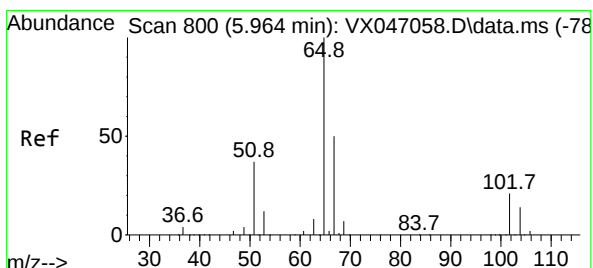
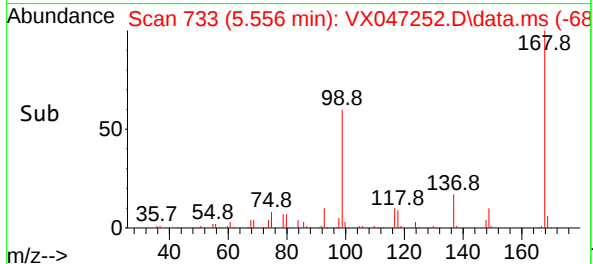
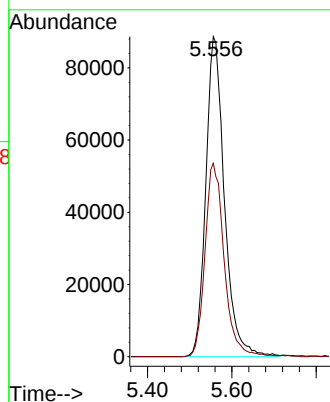
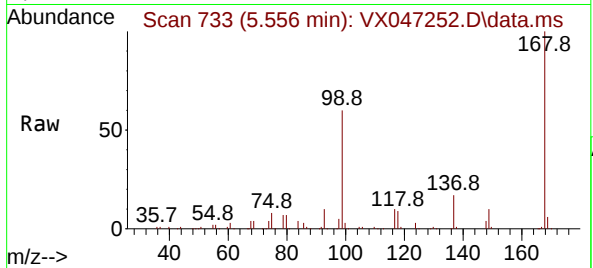




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047252.D
Acq: 07 Aug 2025 10:42

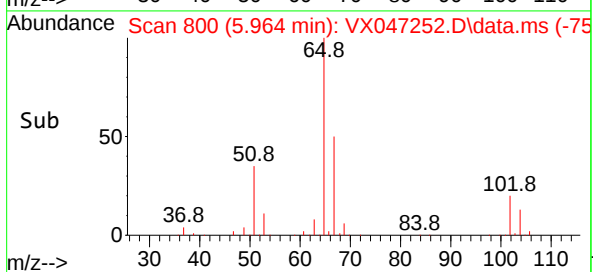
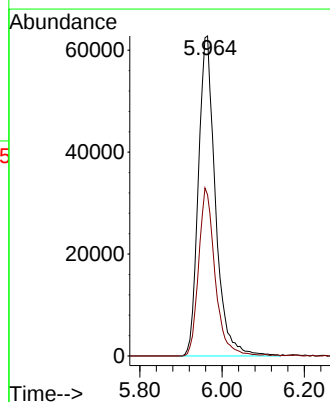
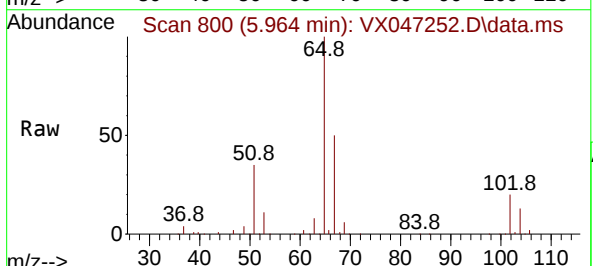
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL01

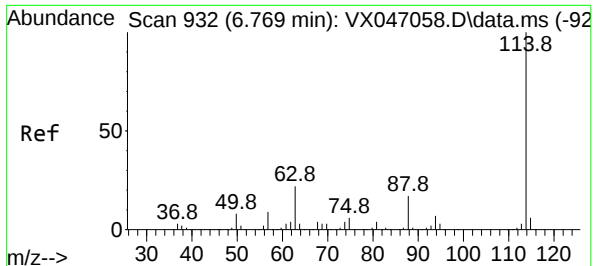
Tgt Ion:168 Resp: 272471
Ion Ratio Lower Upper
168 100
99 60.5 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 53.149 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047252.D
Acq: 07 Aug 2025 10:42

Tgt Ion: 65 Resp: 180393
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8

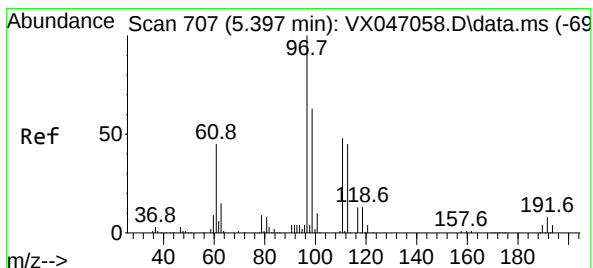
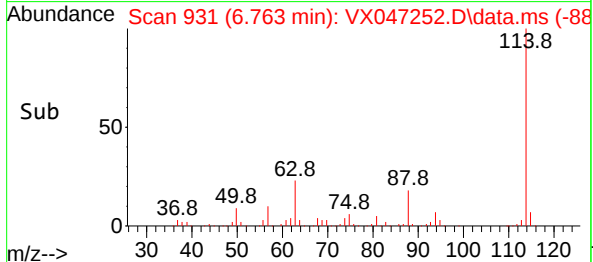
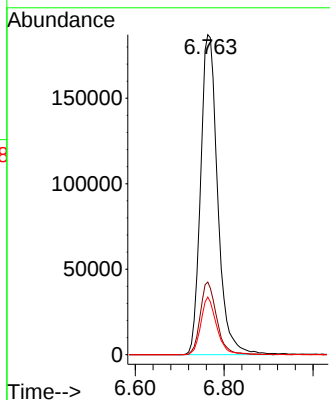
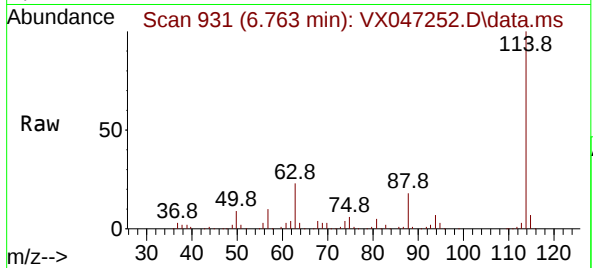




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047252.D
Acq: 07 Aug 2025 10:42

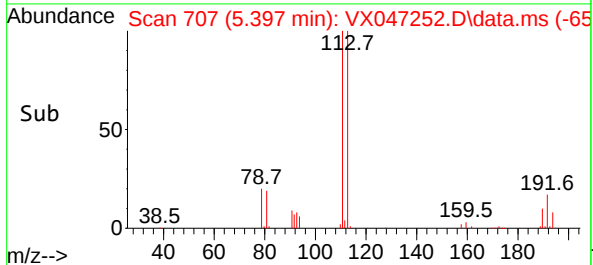
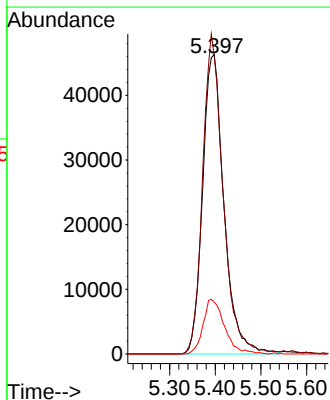
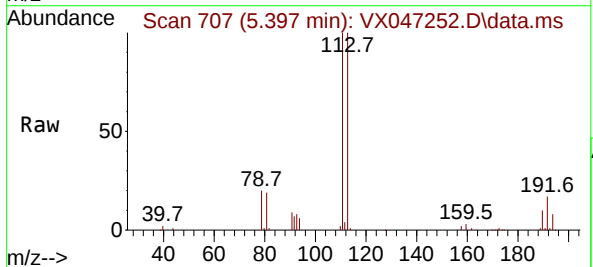
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL01

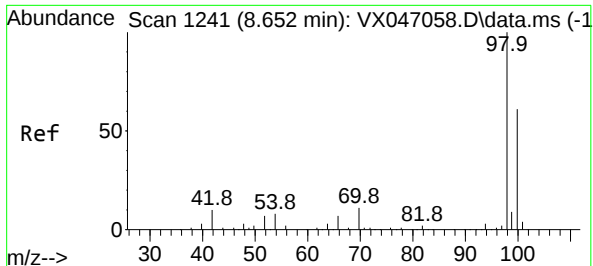
Tgt Ion:114 Resp: 501532
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 18.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.622 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047252.D
Acq: 07 Aug 2025 10:42

Tgt Ion:113 Resp: 150564
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.3 14.9 22.3

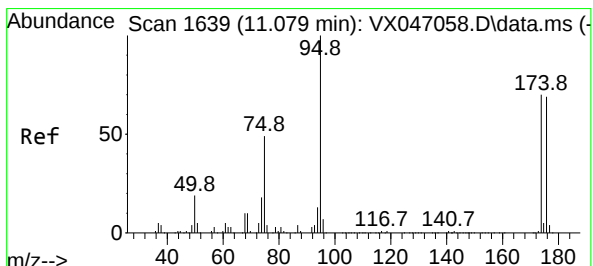
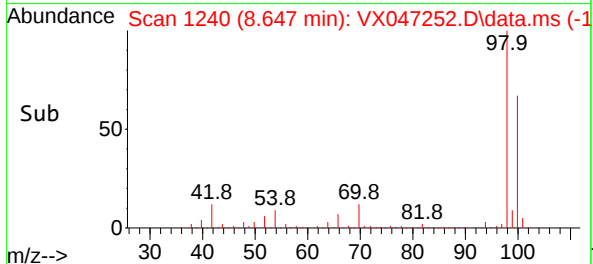
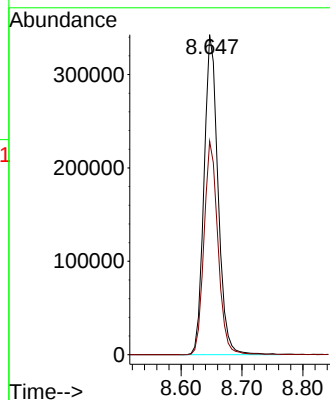
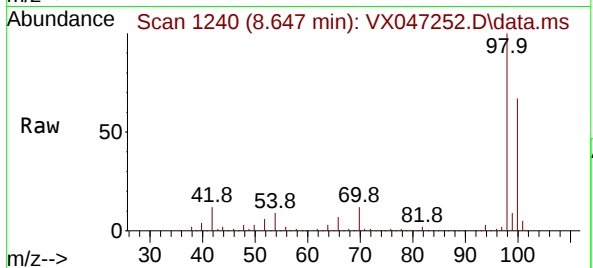




#50
Toluene-d8
Concen: 54.564 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047252.D
Acq: 07 Aug 2025 10:42

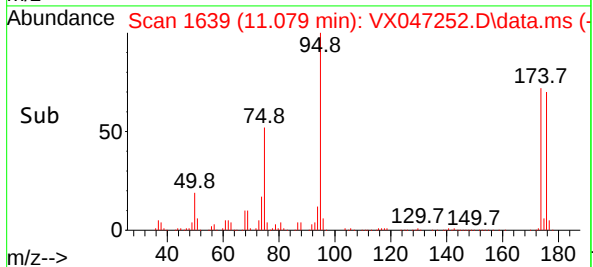
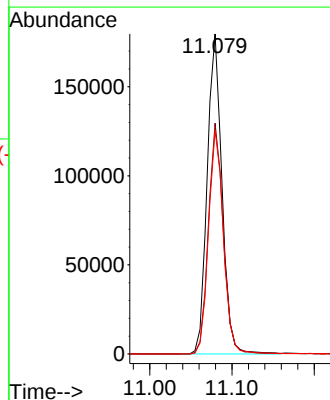
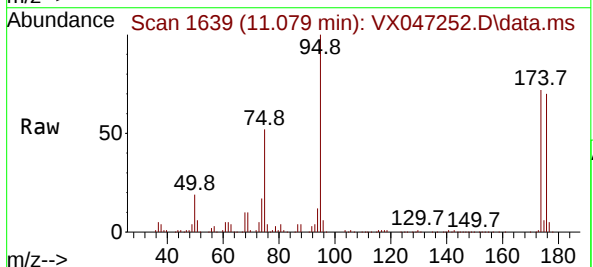
Instrument :
MSVOA_X
ClientSampleId :
VX0807MBL01

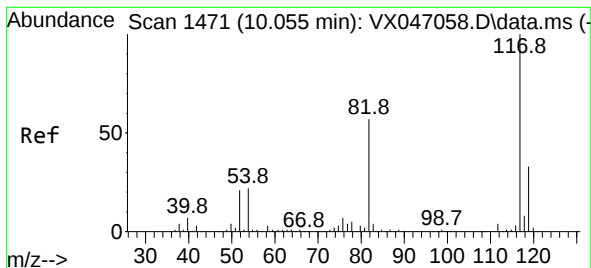
Tgt Ion: 98 Resp: 547190
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047252.D
Acq: 07 Aug 2025 10:42

Tgt Ion: 95 Resp: 224303
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 70.3 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: VX047252.D

Acq: 07 Aug 2025 10:42

Instrument :

MSVOA_X

ClientSampleId :

VX0807MBL01

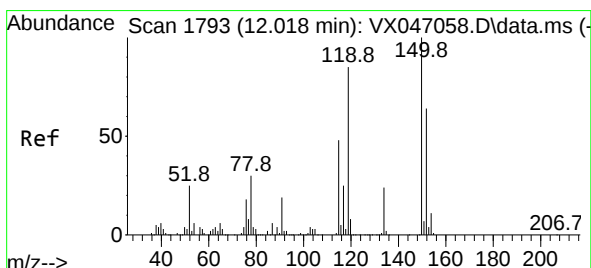
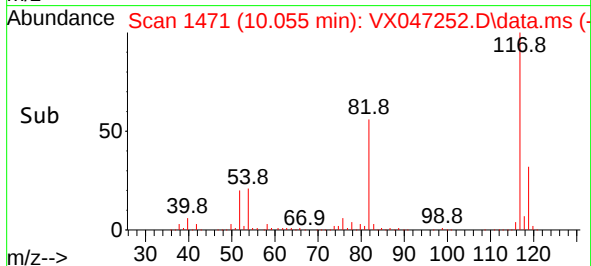
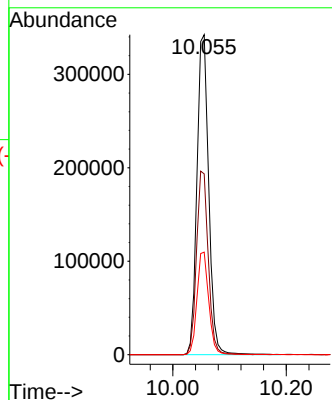
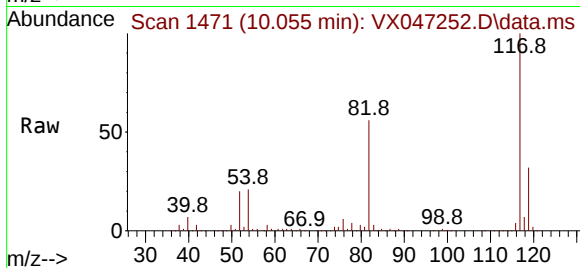
Tgt Ion:117 Resp: 491896

Ion Ratio Lower Upper

117 100

82 56.5 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: VX047252.D

Acq: 07 Aug 2025 10:42

Tgt Ion:152 Resp: 245388

Ion Ratio Lower Upper

152 100

115 62.8 45.6 136.7

150 157.4 0.0 354.6

