

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047543.D
 Acq On : 28 Aug 2025 11:00
 Operator : JC/MD
 Sample : VX0828MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBL01

Quant Time: Aug 29 02:35:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	165336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	333650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	165139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137133	54.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.020%
35) Dibromofluoromethane	5.391	113	116799	50.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	8.647	98	415366	51.460	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.920%
62) 4-Bromofluorobenzene	11.079	95	166813	55.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.020%

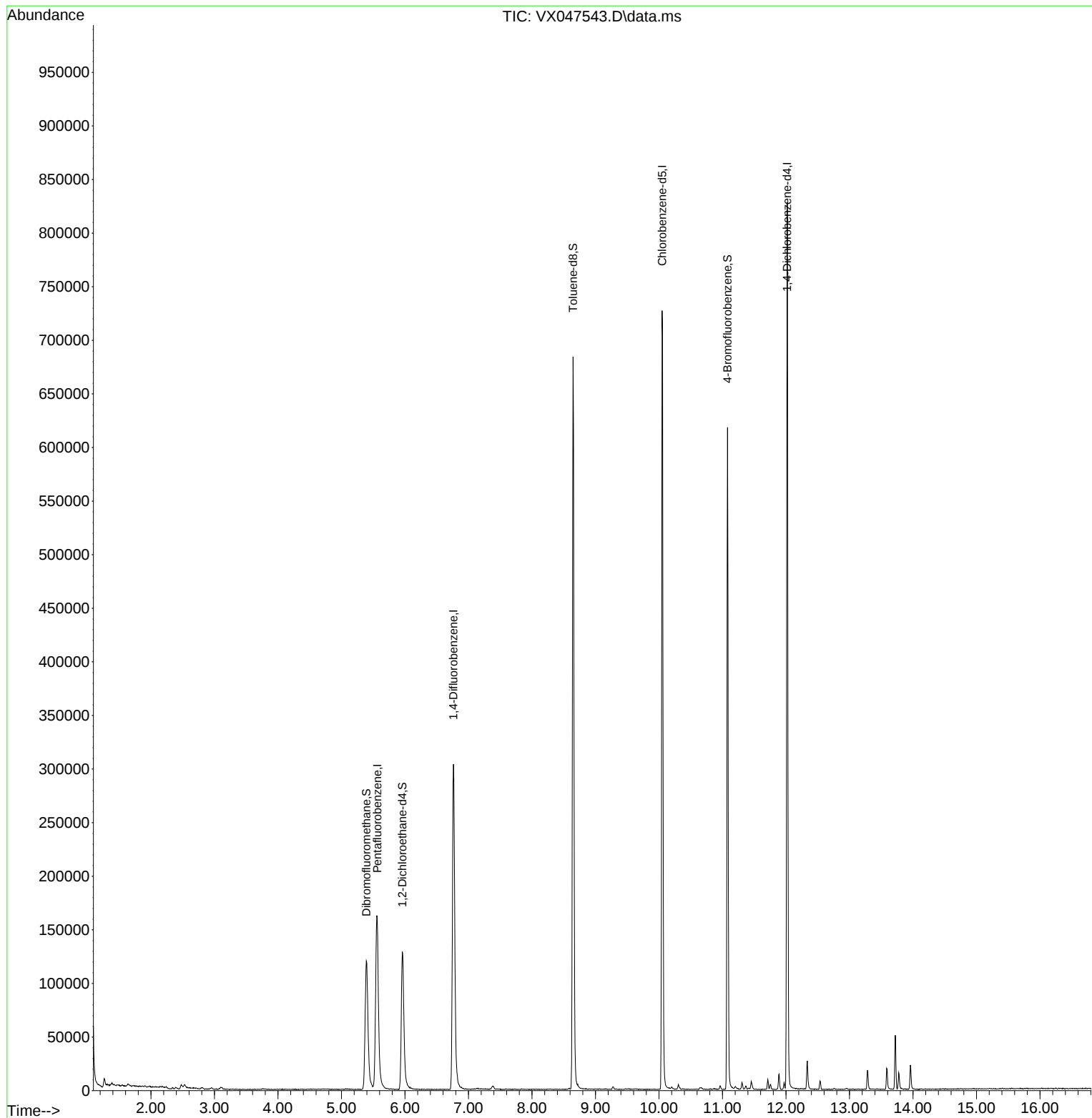
Target Compounds	Qvalue

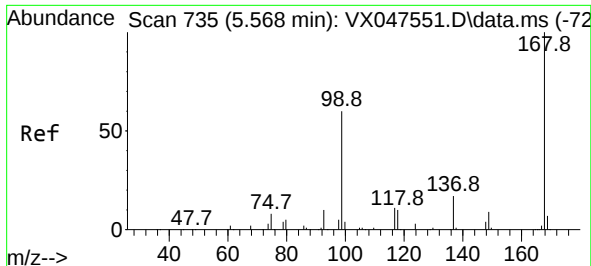
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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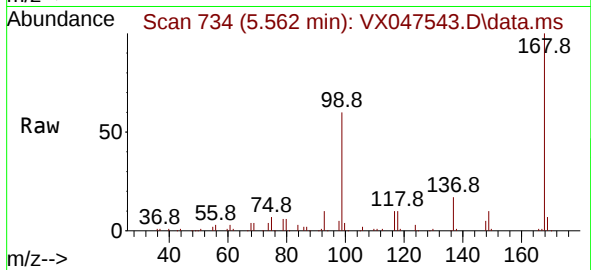
Quant Time: Aug 29 02:35:11 2025
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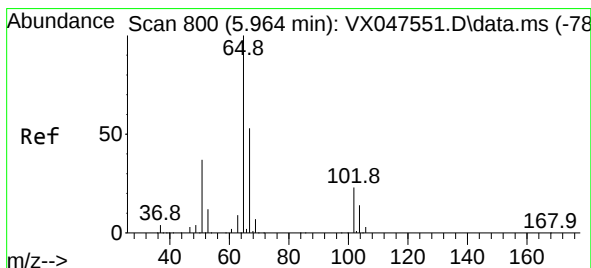
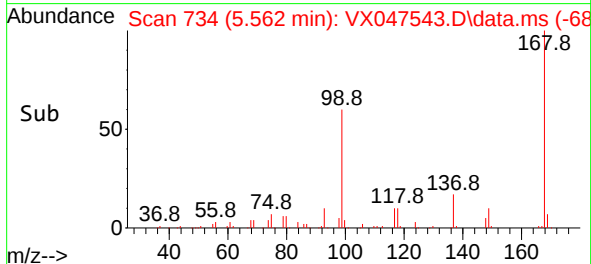
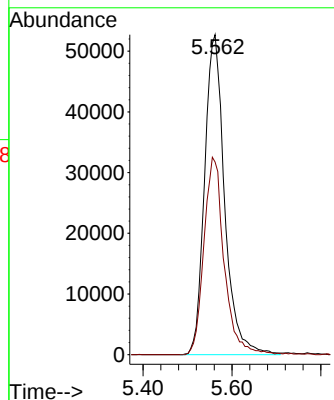


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

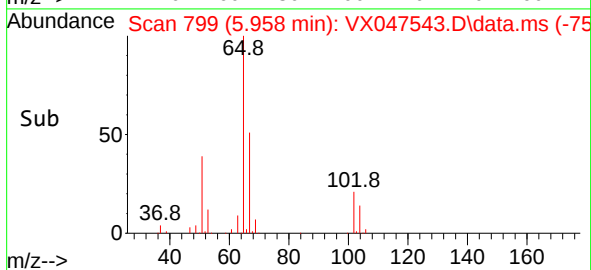
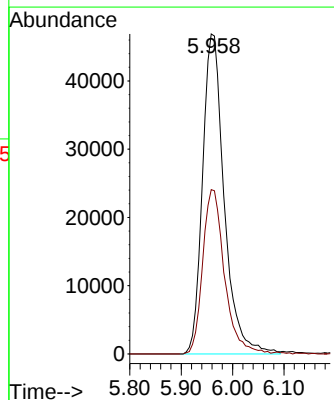
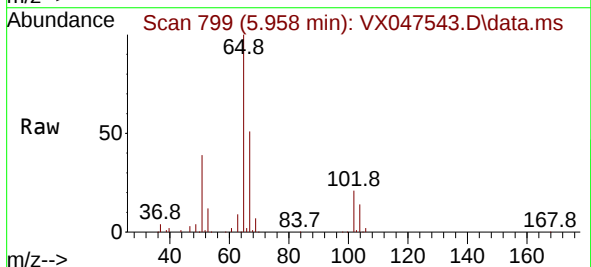


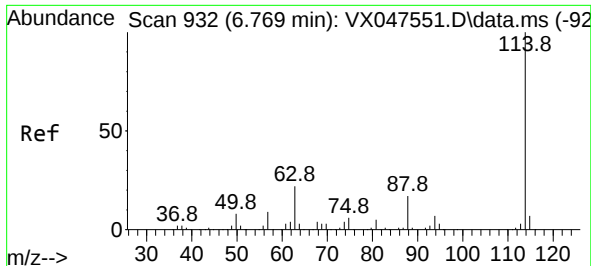
Tgt Ion:168 Resp: 165336
Ion Ratio Lower Upper
168 100
99 60.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 54.011 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 65 Resp: 137133
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

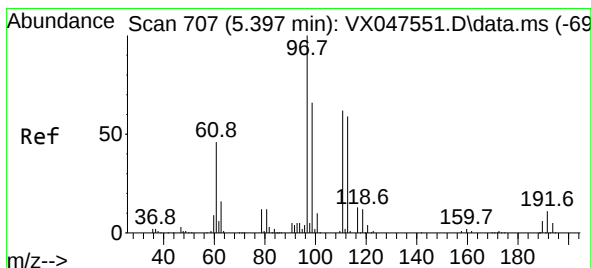
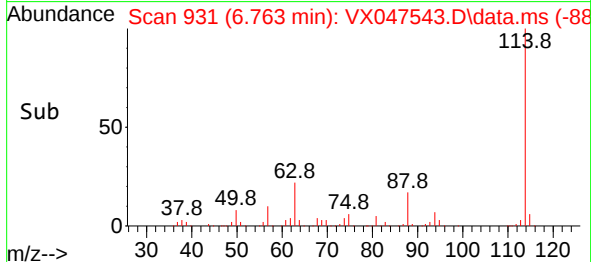
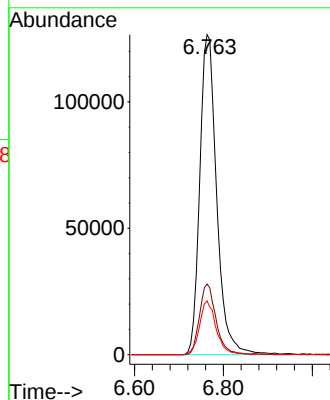
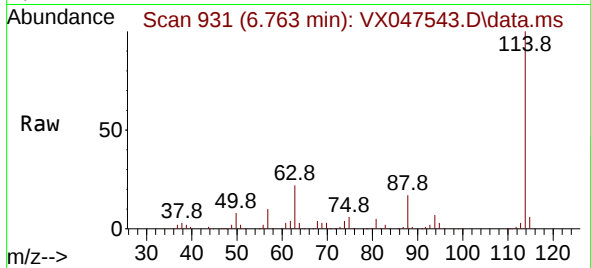




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

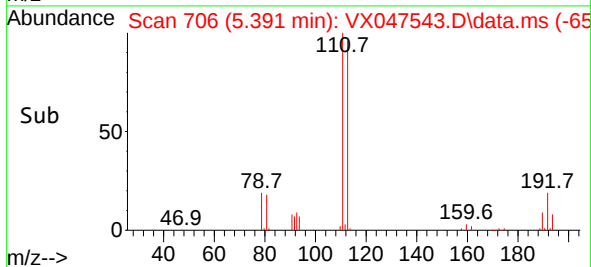
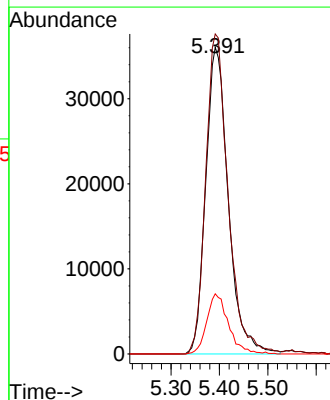
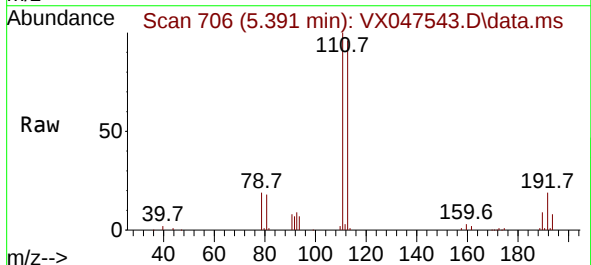
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

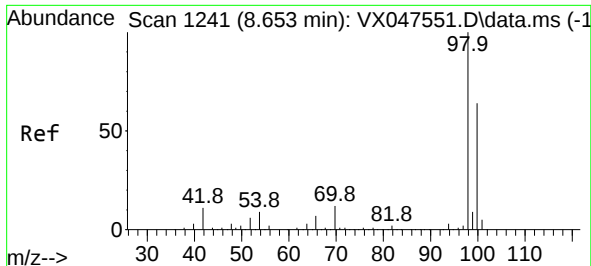
Tgt Ion:114 Resp: 335514
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.6
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.721 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion:113 Resp: 116799
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 18.9 14.2 21.4

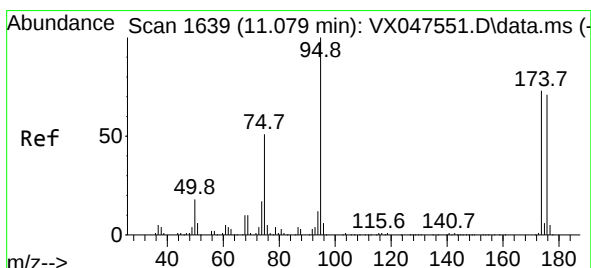
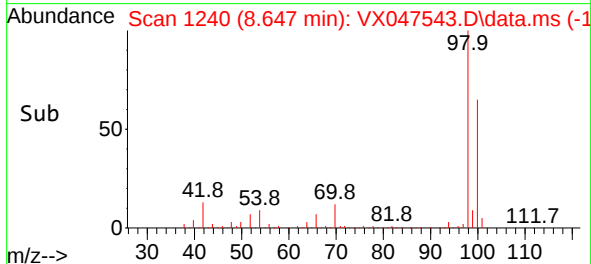
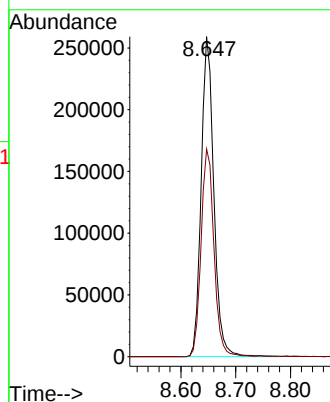
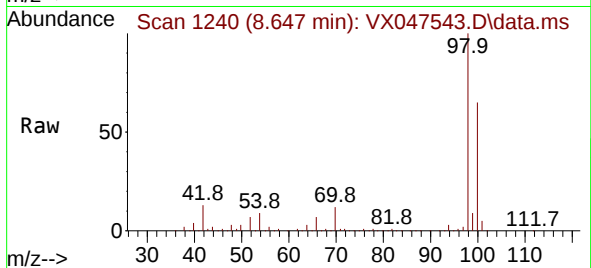




#50
Toluene-d8
Concen: 51.460 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

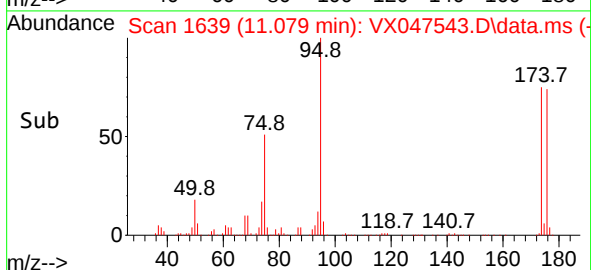
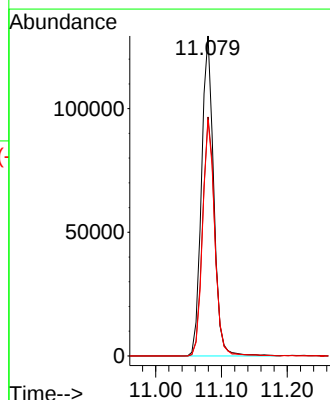
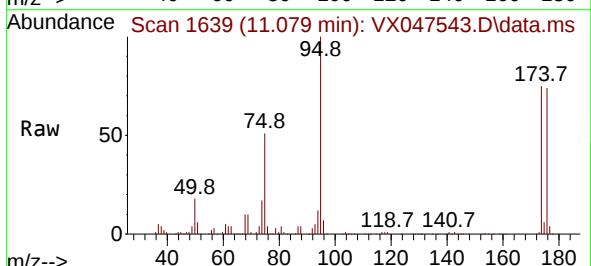
Instrument :
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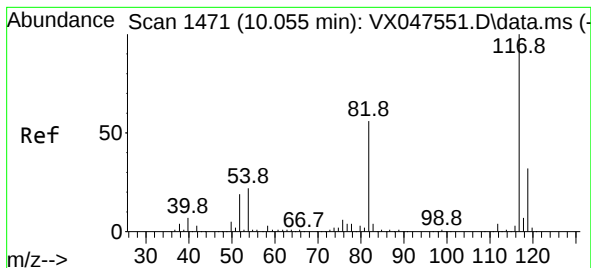
Tgt Ion: 98 Resp: 415366
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 95 Resp: 166813
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.2
176 73.0 0.0 140.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBL01

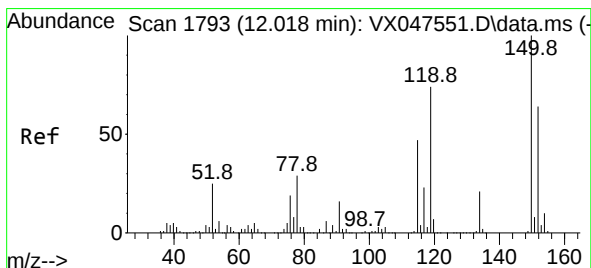
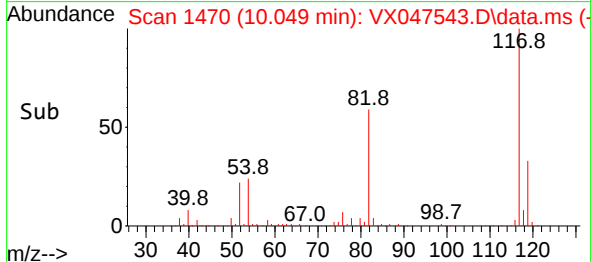
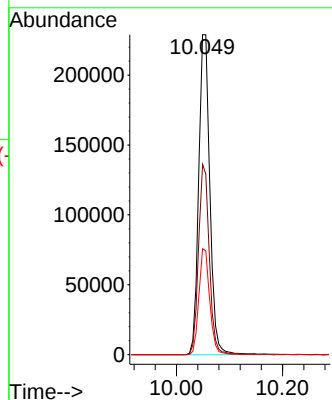
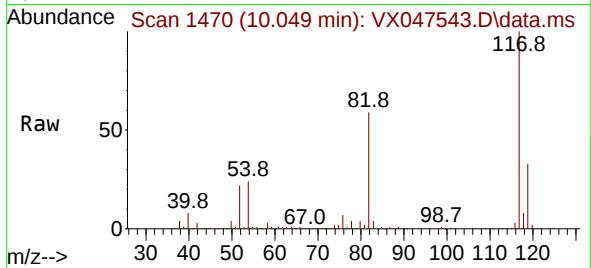
Tgt Ion:117 Resp: 333650

Ion Ratio Lower Upper

117 100

82 59.5 44.6 66.8

119 33.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Tgt Ion:152 Resp: 165139

Ion Ratio Lower Upper

152 100

115 61.8 42.9 128.5

150 159.2 0.0 351.0

