

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047337.D
 Acq On : 14 Aug 2025 11:05
 Operator : JC/MD
 Sample : VX0814MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814MBL01

Quant Time: Aug 18 01:27:04 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	185249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	157404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149205	64.658	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	129.320%#
35) Dibromofluoromethane	5.397	113	113421	56.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.340%
50) Toluene-d8	8.647	98	396084	61.106	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	122.220%#
62) 4-Bromofluorobenzene	11.079	95	151374	54.191	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.380%

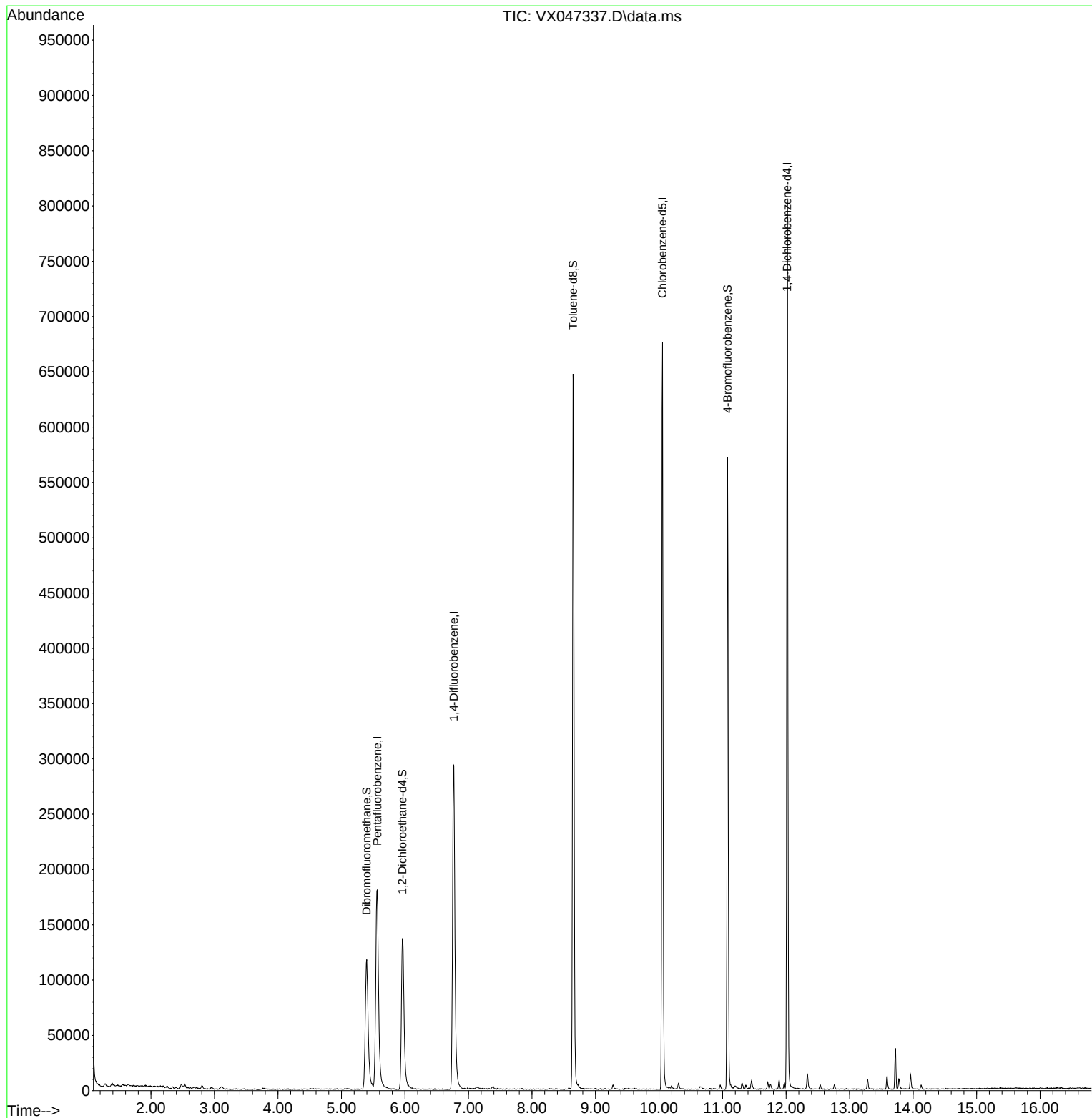
Target Compounds	Qvalue

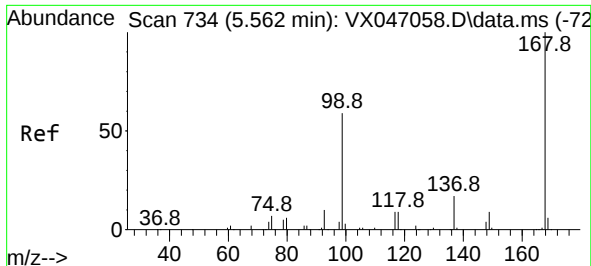
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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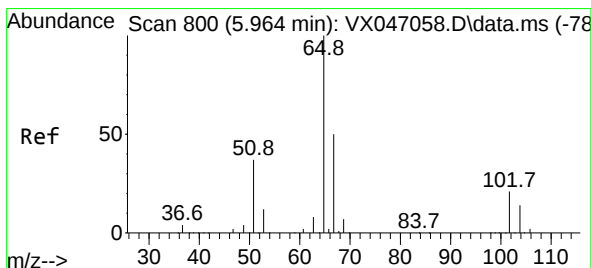
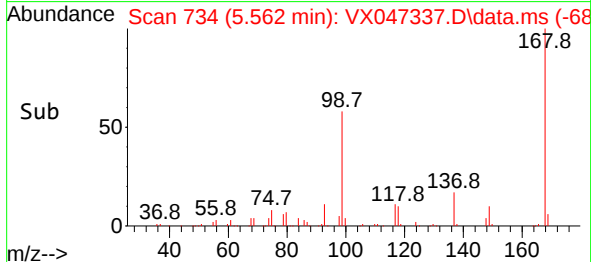
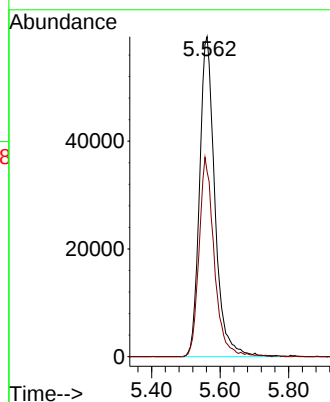
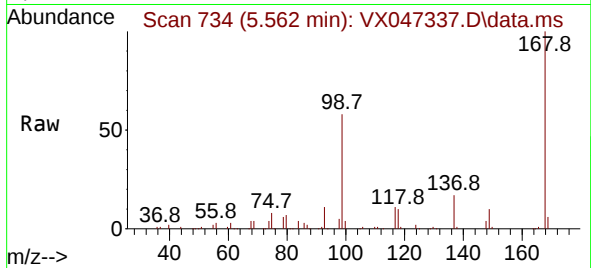




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX047337.D
Acq: 14 Aug 2025 11:05

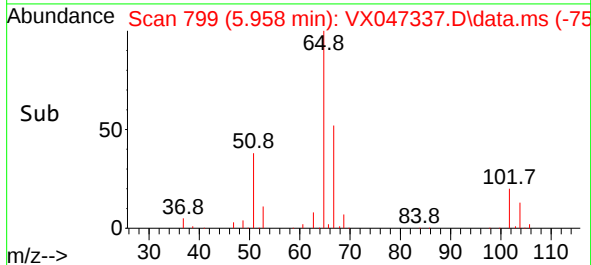
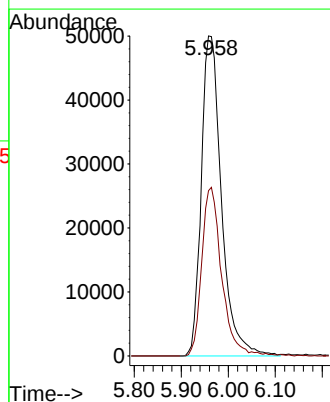
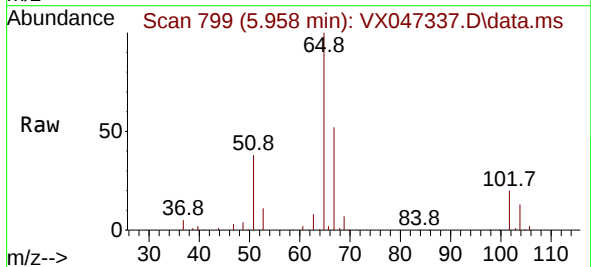
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

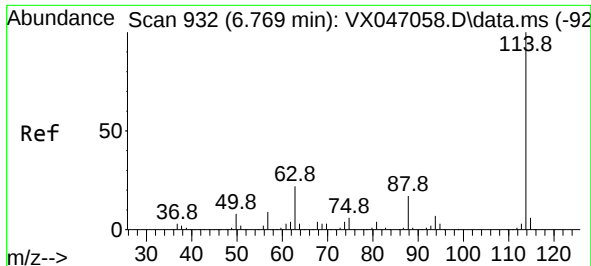
Tgt Ion:168 Resp: 185249
Ion Ratio Lower Upper
168 100
99 57.8 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 64.658 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047337.D
Acq: 14 Aug 2025 11:05

Tgt Ion: 65 Resp: 149205
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

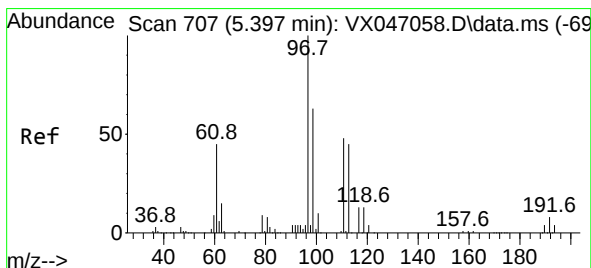
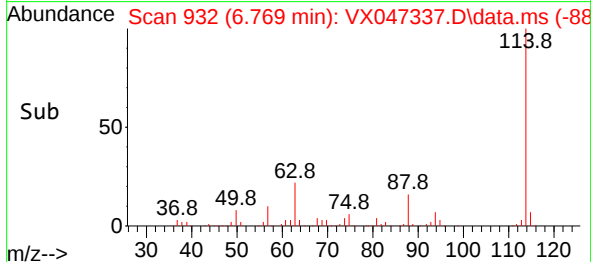
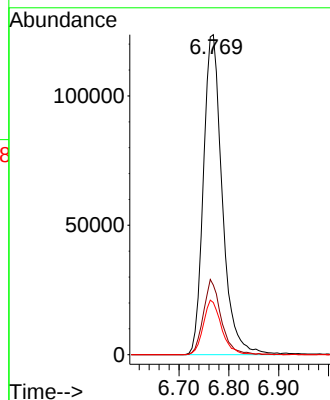
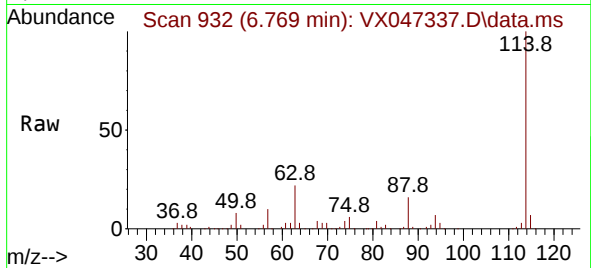




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047337.D
Acq: 14 Aug 2025 11:05

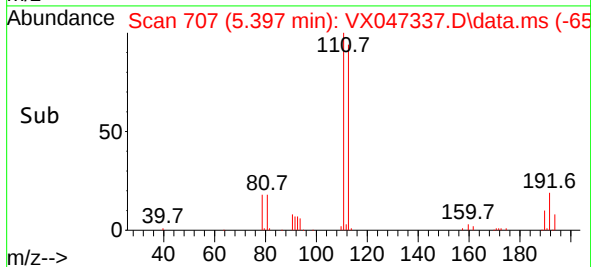
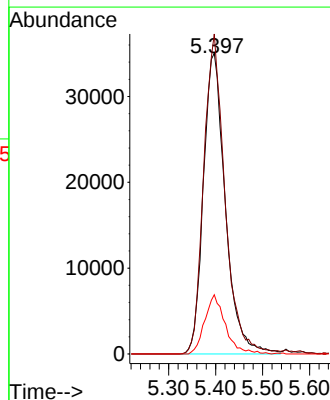
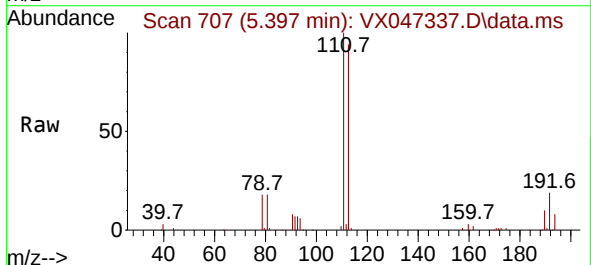
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

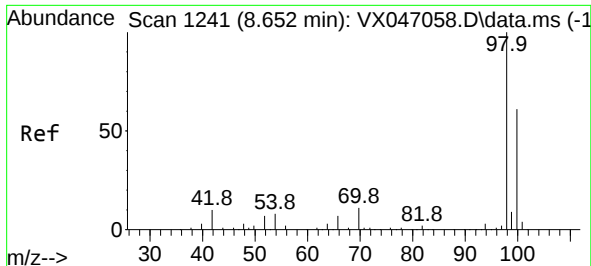
Tgt Ion:114 Resp: 324168
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 56.667 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047337.D
Acq: 14 Aug 2025 11:05

Tgt Ion:113 Resp: 113421
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.5 14.9 22.3

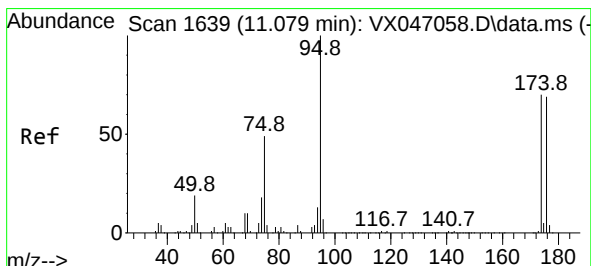
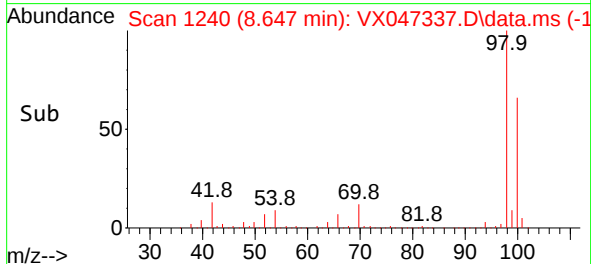
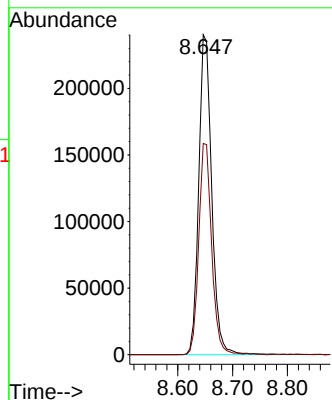
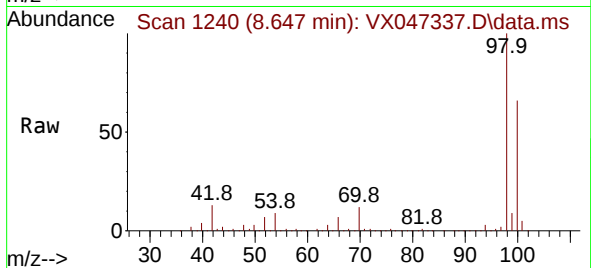




#50
Toluene-d8
Concen: 61.106 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047337.D
Acq: 14 Aug 2025 11:05

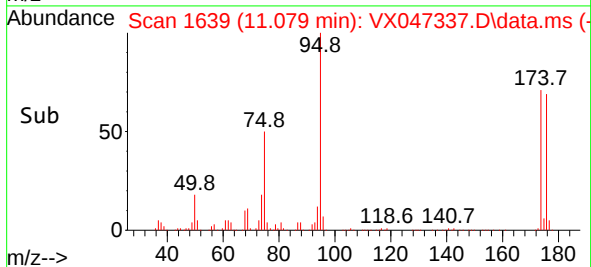
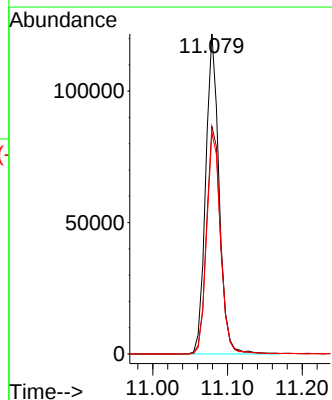
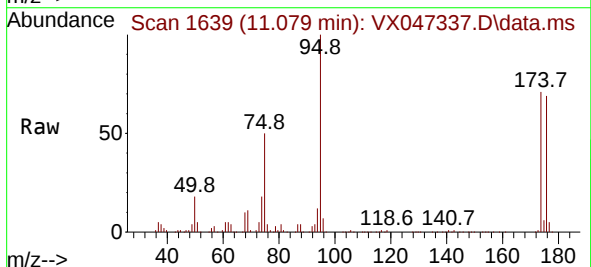
Instrument :
MSVOA_X
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VX0814MBL01

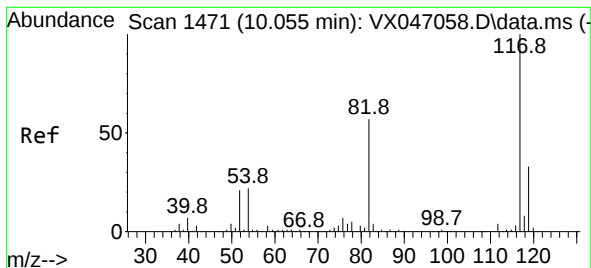
Tgt Ion: 98 Resp: 396084
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 54.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047337.D
Acq: 14 Aug 2025 11:05

Tgt Ion: 95 Resp: 151374
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.6
176 71.7 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: VX047337.D

Acq: 14 Aug 2025 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0814MBL01

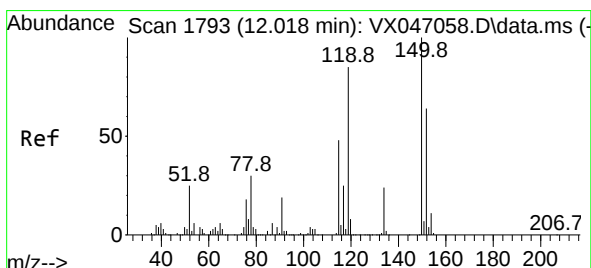
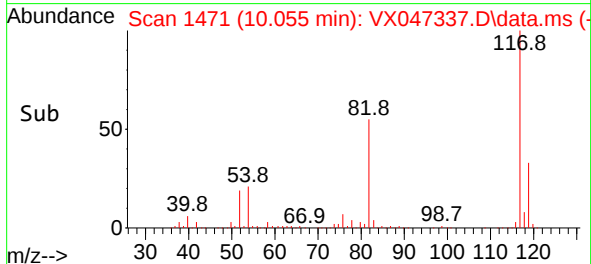
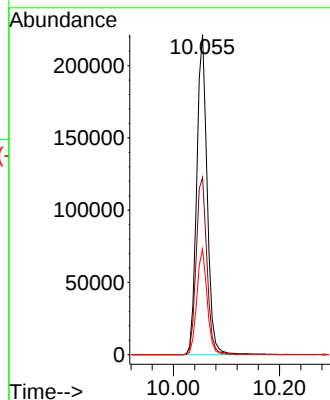
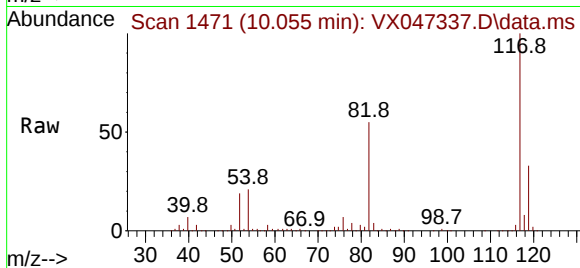
Tgt Ion:117 Resp: 301702

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.2

119 33.0 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: VX047337.D

Acq: 14 Aug 2025 11:05

Tgt Ion:152 Resp: 157404

Ion Ratio Lower Upper

152 100

115 61.5 45.6 136.7

150 157.9 0.0 354.6

