

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047078.D
 Acq On : 23 Jul 2025 09:58
 Operator : JC/MD
 Sample : VX0723MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723MBL01

Quant Time: Jul 24 05:43:32 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	263409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	452406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	191586	58.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.780%
35) Dibromofluoromethane	5.391	113	158439	53.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.200%
50) Toluene-d8	8.647	98	579378	60.523	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	121.040%#
62) 4-Bromofluorobenzene	11.079	95	232378	56.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.660%

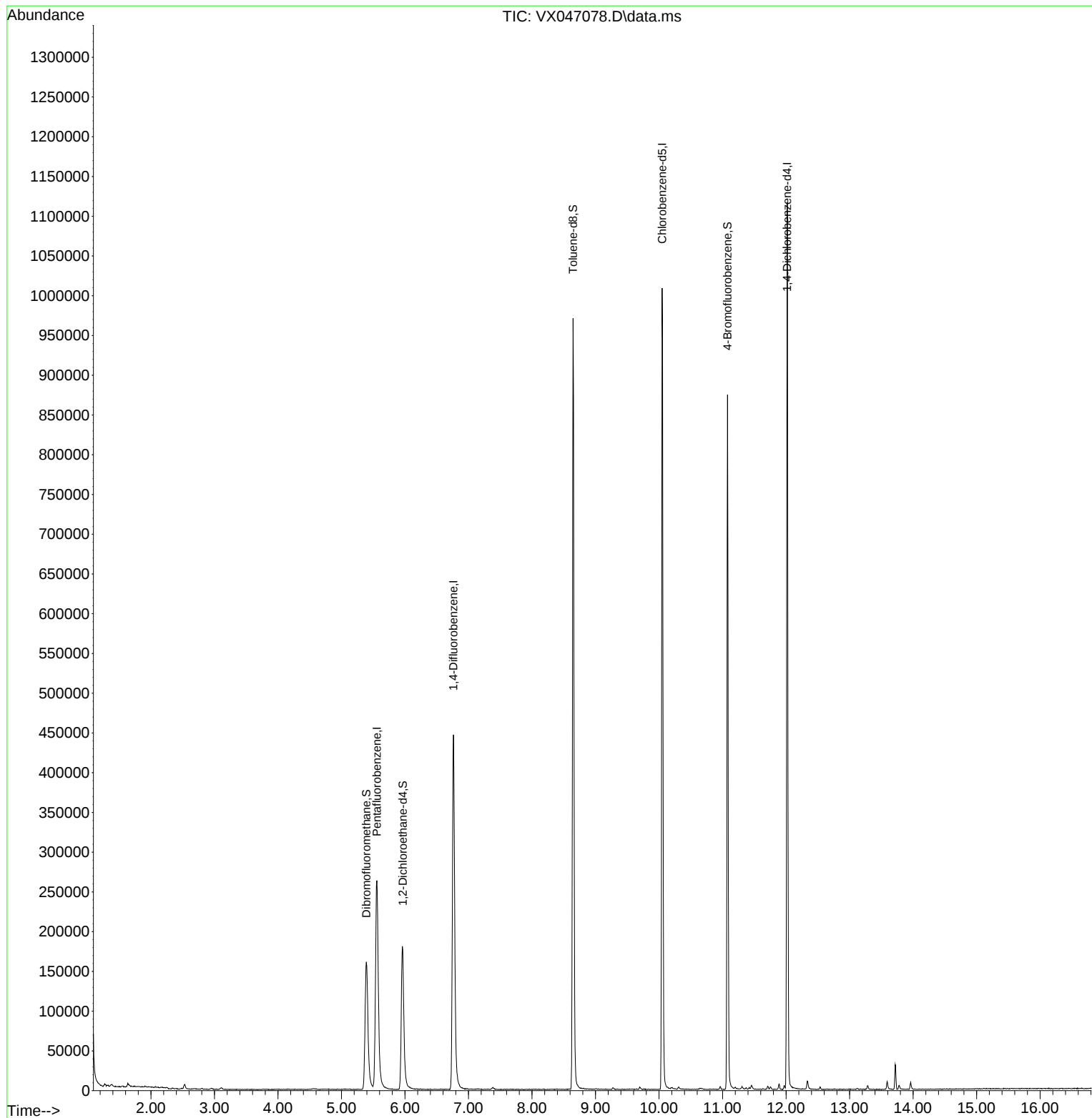
Target Compounds	Qvalue

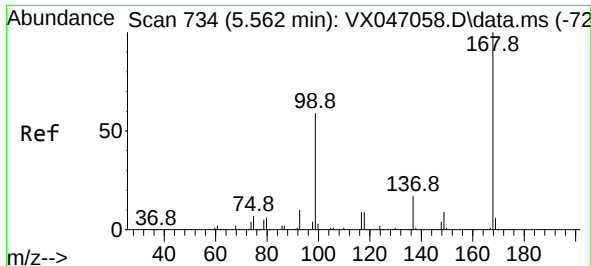
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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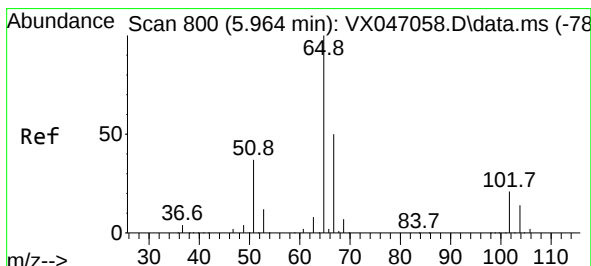
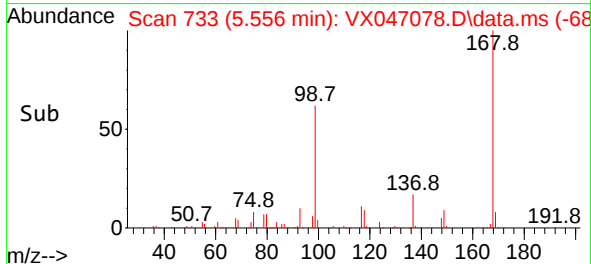
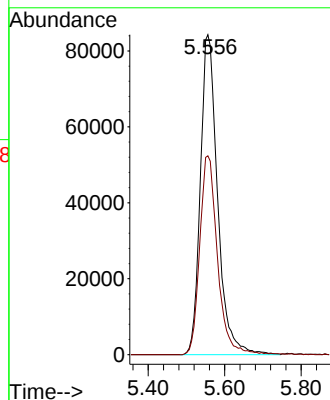
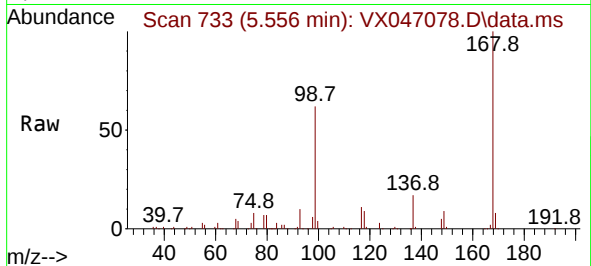




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047078.D
Acq: 23 Jul 2025 09:58

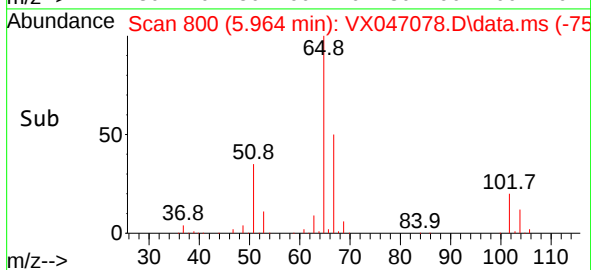
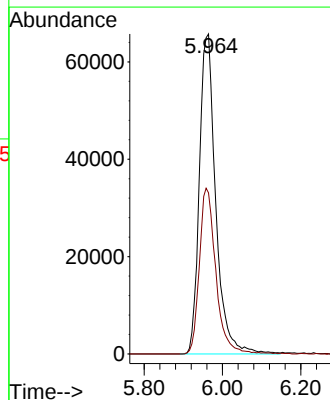
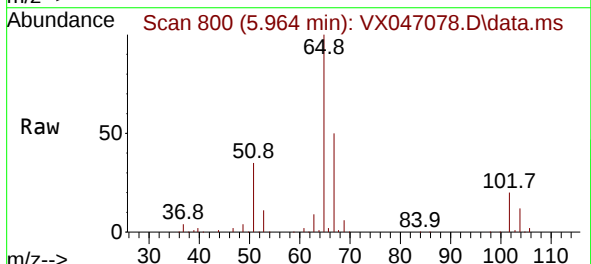
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBL01

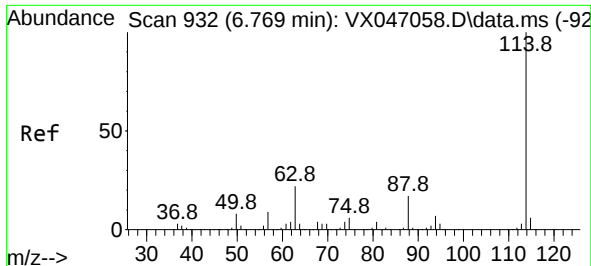
Tgt Ion:168 Resp: 263409
Ion Ratio Lower Upper
168 100
99 62.2 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 58.388 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047078.D
Acq: 23 Jul 2025 09:58

Tgt Ion: 65 Resp: 191586
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

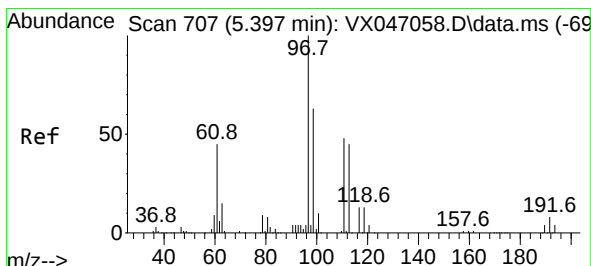
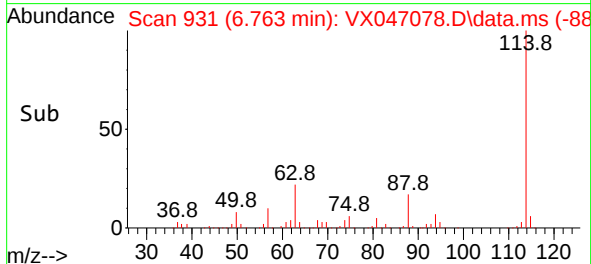
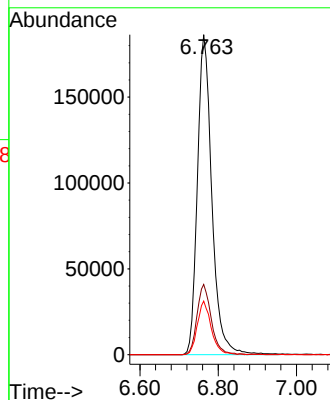
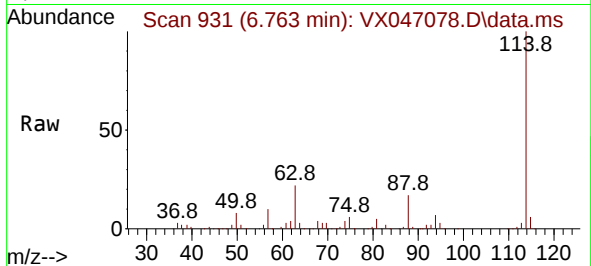




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047078.D
Acq: 23 Jul 2025 09:58

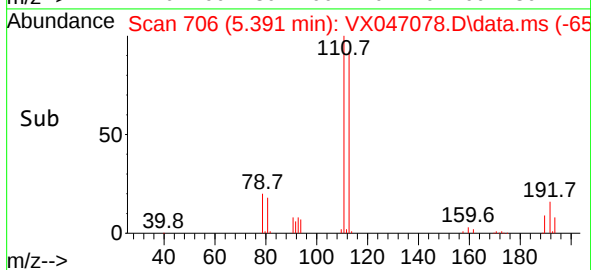
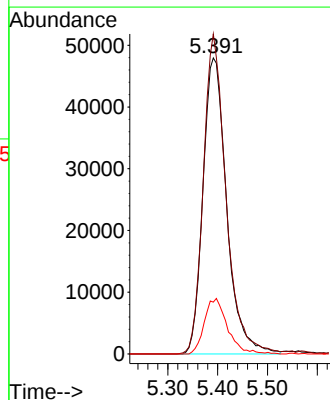
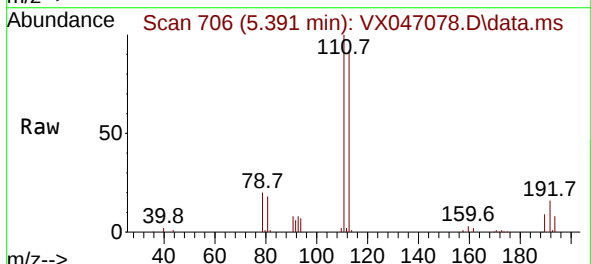
Instrument :
MSVOA_X
ClientSampleId :
VX0723MBL01

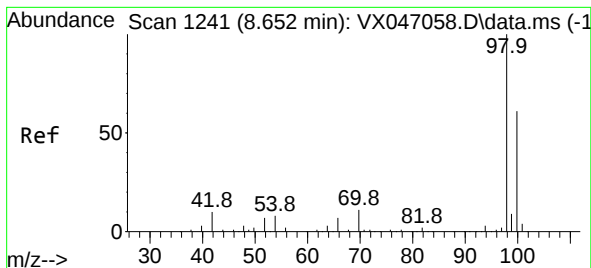
Tgt Ion:114 Resp: 478754
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.599 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047078.D
Acq: 23 Jul 2025 09:58

Tgt Ion:113 Resp: 158439
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.3 14.9 22.3





#50

Toluene-d8

Concen: 60.523 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047078.D

Acq: 23 Jul 2025 09:58

Instrument :

MSVOA_X

ClientSampleId :

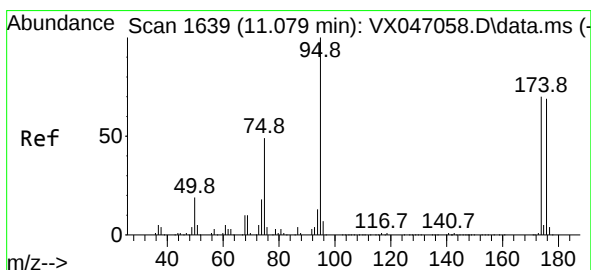
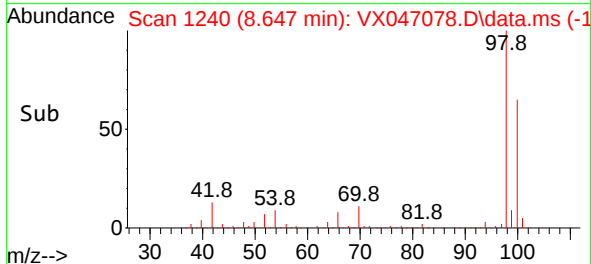
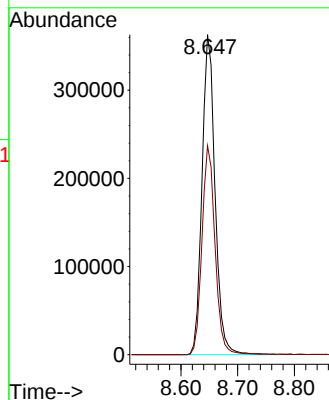
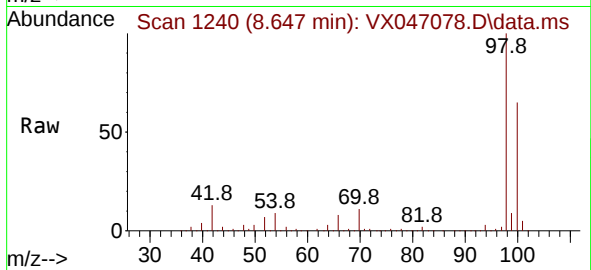
VX0723MBL01

Tgt Ion: 98 Resp: 579378

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 56.329 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047078.D

Acq: 23 Jul 2025 09:58

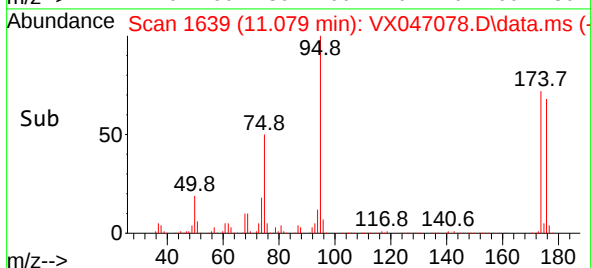
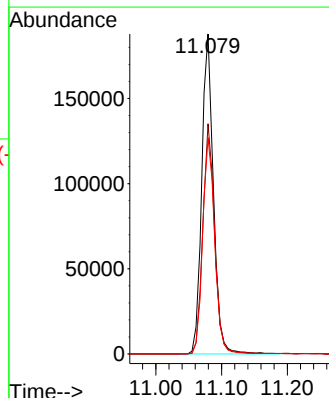
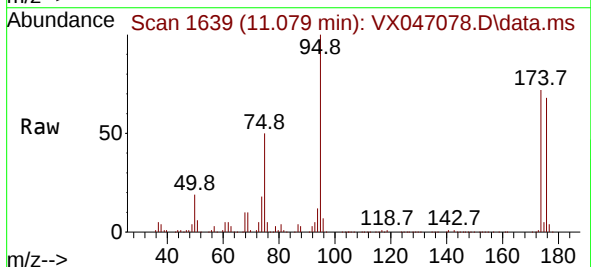
Tgt Ion: 95 Resp: 232378

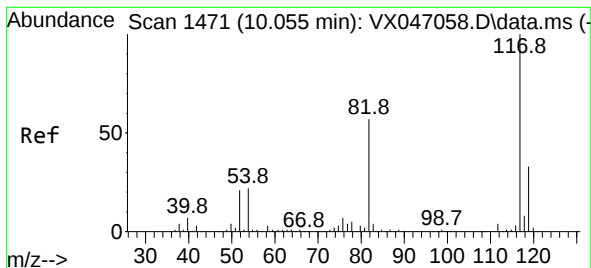
Ion Ratio Lower Upper

95 100

174 72.8 0.0 144.6

176 69.6 0.0 139.6

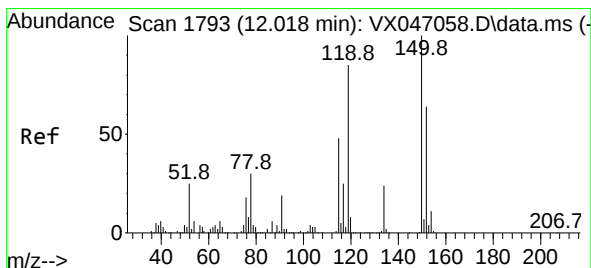
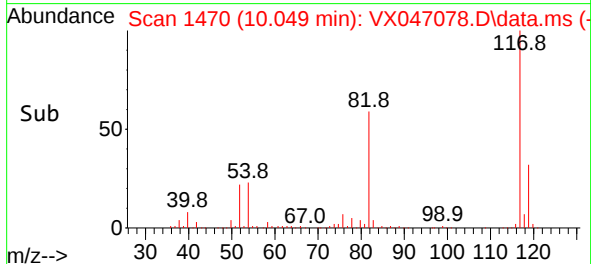
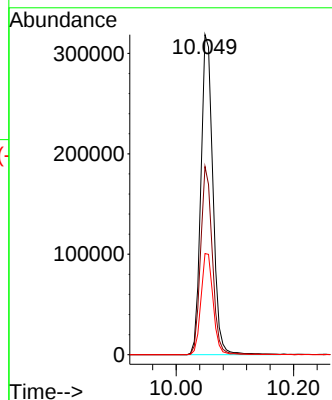
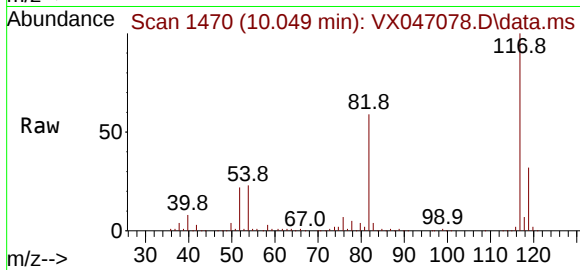




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047078.D
Acq: 23 Jul 2025 09:58

Instrument :
MSVOA_X
ClientSampleId :
VX0723MBL01

Tgt Ion:117 Resp: 452406
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.2
119 31.6 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: VX047078.D
Acq: 23 Jul 2025 09:58

Tgt Ion:152 Resp: 220696
Ion Ratio Lower Upper
152 100
115 61.5 45.6 136.7
150 154.1 0.0 354.6

