

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047277.D
 Acq On : 08 Aug 2025 17:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 11 02:04:58 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	5.568	168	233900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	401077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139071	47.731	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.460%
35) Dibromofluoromethane	5.397	113	121380	49.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.653	98	356506	44.454	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.900%#
62) 4-Bromofluorobenzene	11.079	95	171398	49.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%

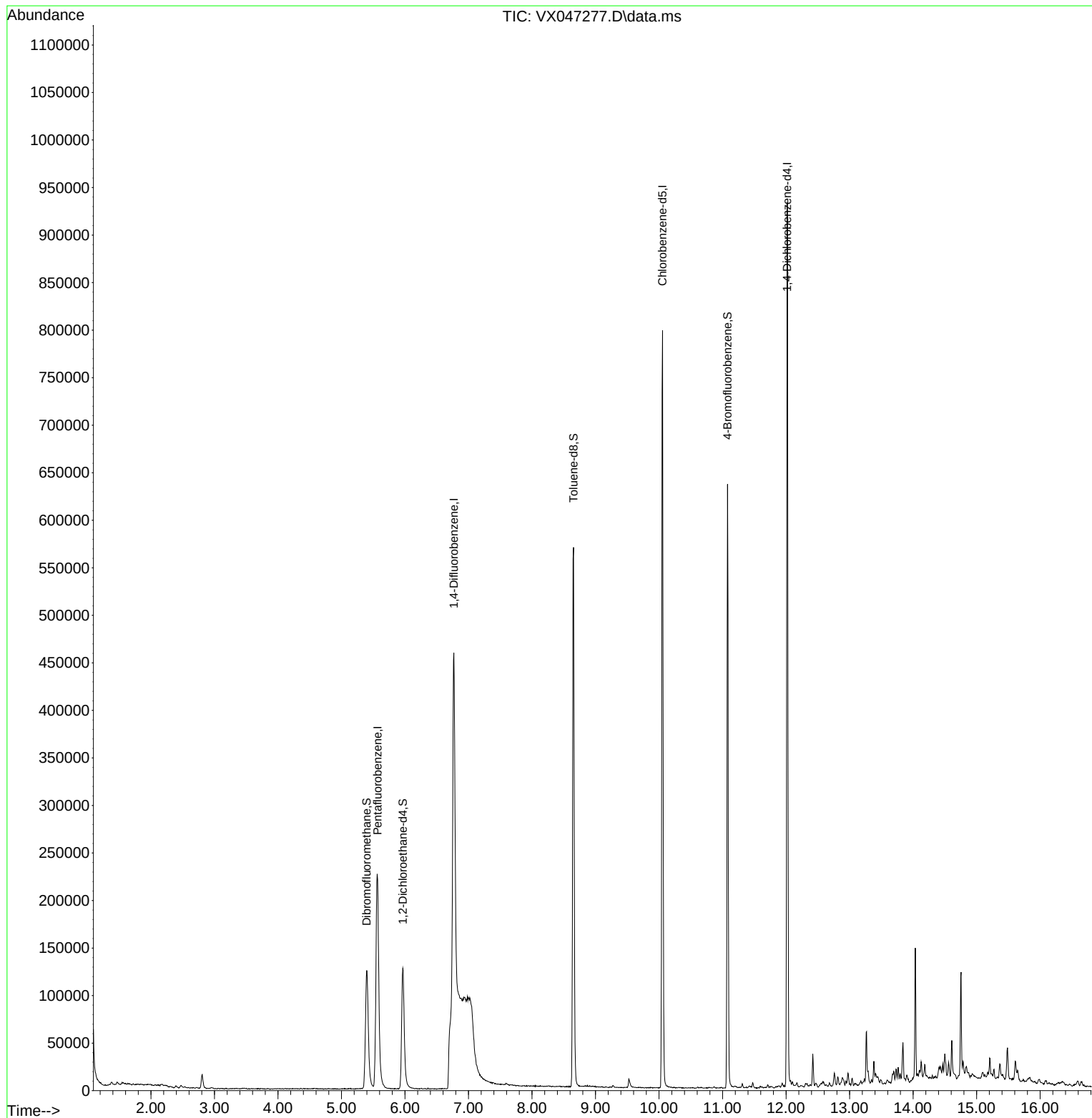
Target Compounds	Qvalue

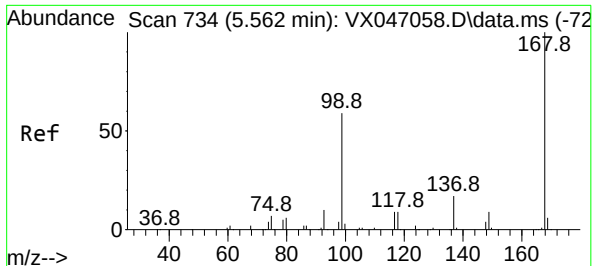
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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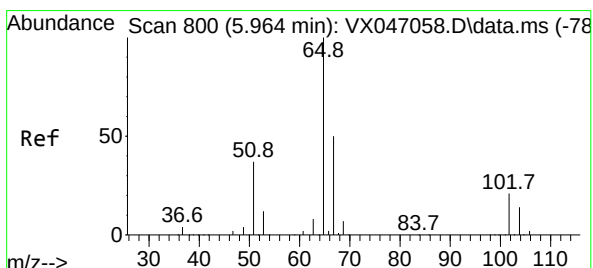
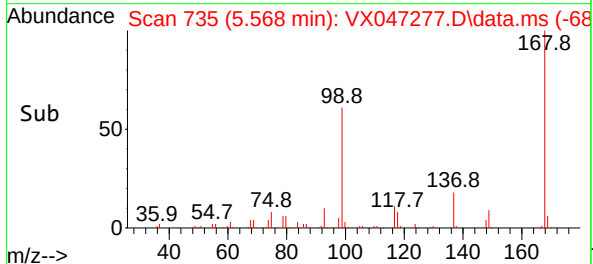
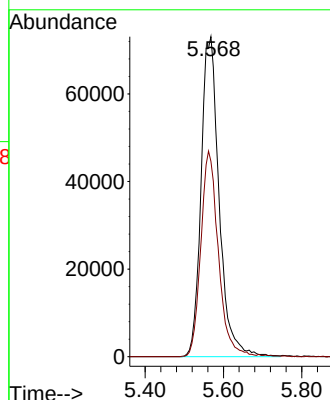
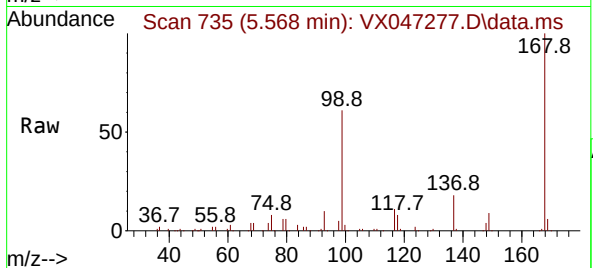




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047277.D
Acq: 08 Aug 2025 17:15

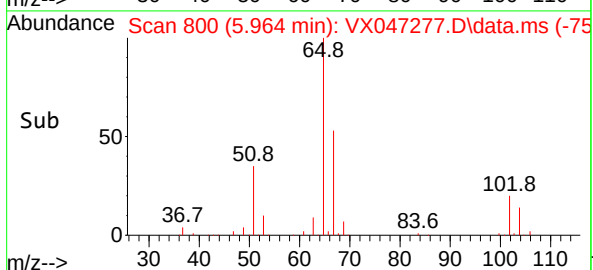
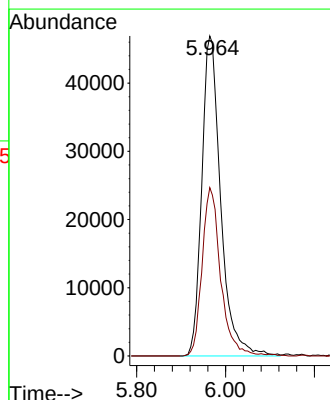
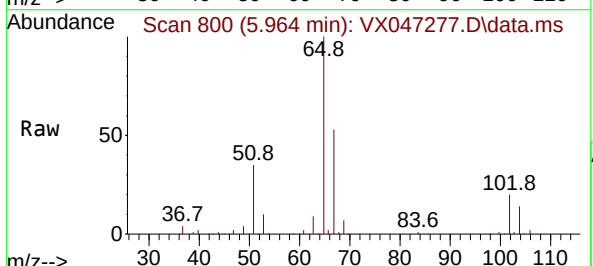
Instrument :
MSVOA_X
ClientSampleId :
IBLK

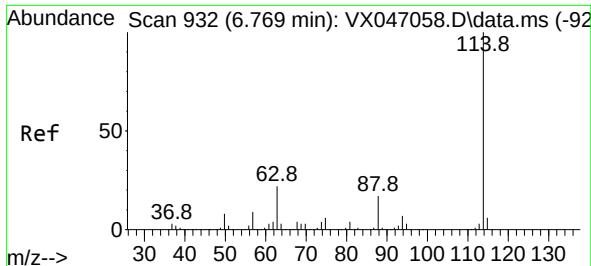
Tgt Ion:168 Resp: 233900
Ion Ratio Lower Upper
168 100
99 61.0 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 47.731 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047277.D
Acq: 08 Aug 2025 17:15

Tgt Ion: 65 Resp: 139071
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

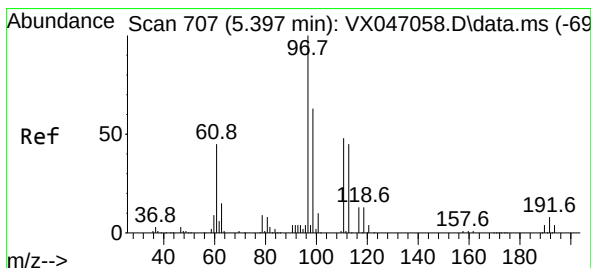
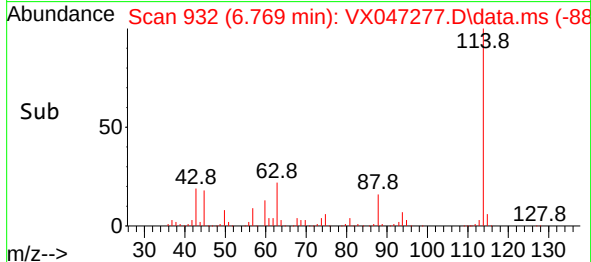
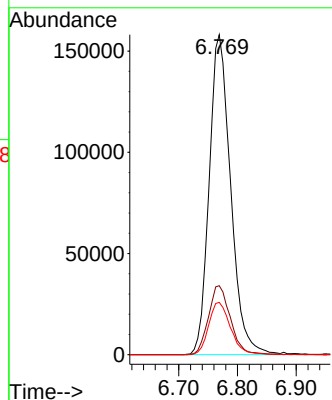
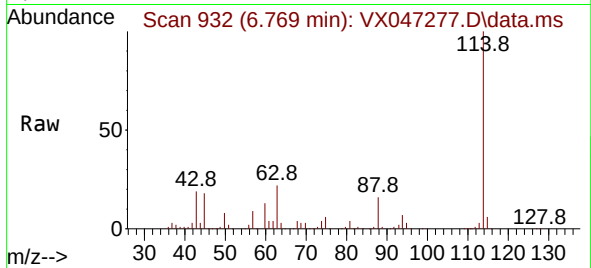




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047277.D
Acq: 08 Aug 2025 17:15

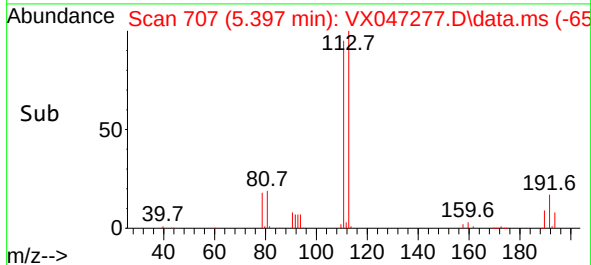
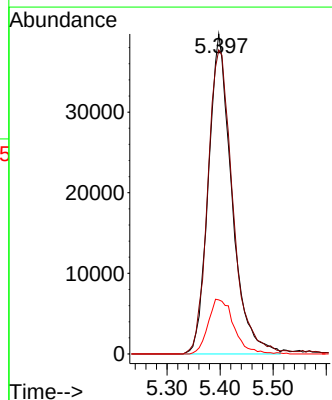
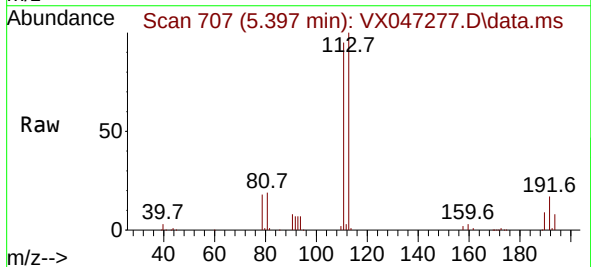
Instrument :
MSVOA_X
ClientSampleId :
IBLK

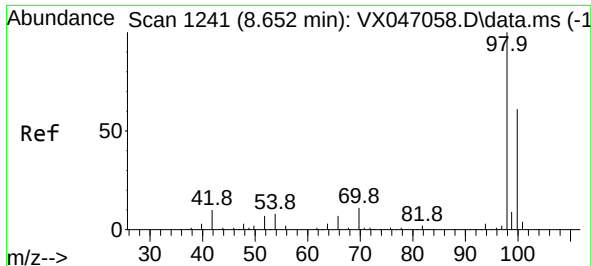
Tgt Ion:114 Resp: 401077
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.015 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047277.D
Acq: 08 Aug 2025 17:15

Tgt Ion:113 Resp: 121380
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.8 14.9 22.3

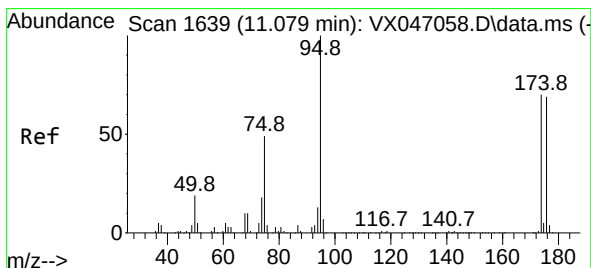
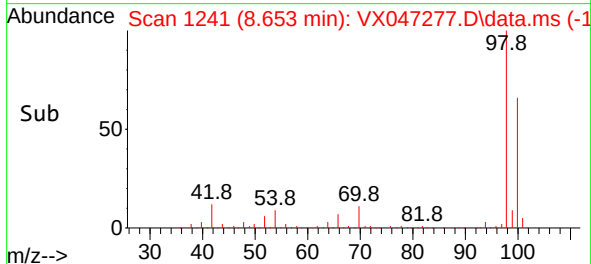
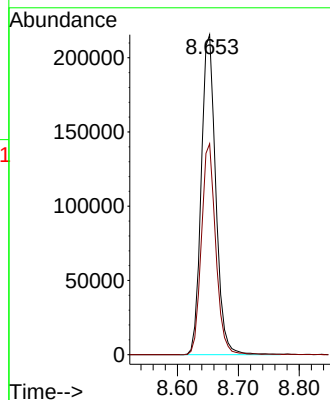
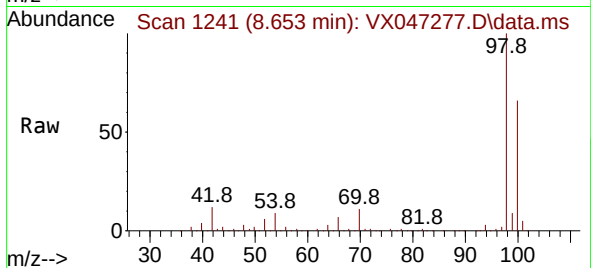




#50
Toluene-d8
Concen: 44.454 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047277.D
Acq: 08 Aug 2025 17:15

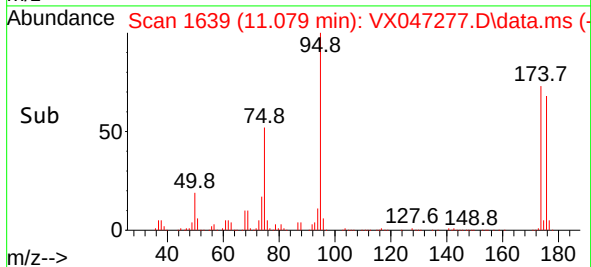
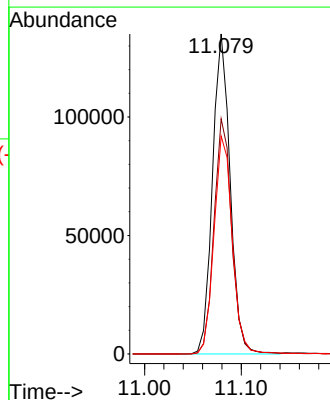
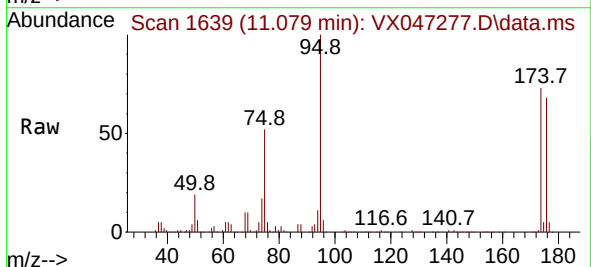
Instrument :
MSVOA_X
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IBLK

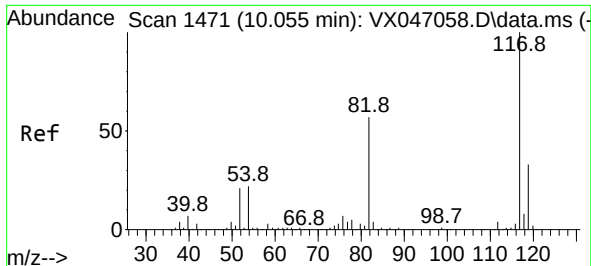
Tgt Ion: 98 Resp: 356506
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 49.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047277.D
Acq: 08 Aug 2025 17:15

Tgt Ion: 95 Resp: 171398
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.6
176 70.7 0.0 139.6

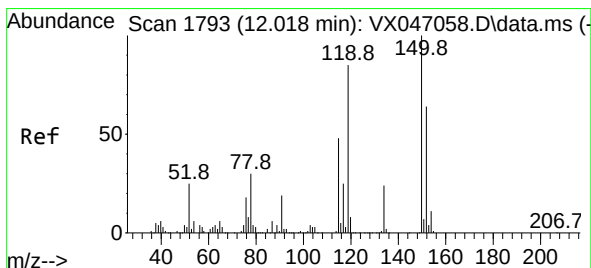
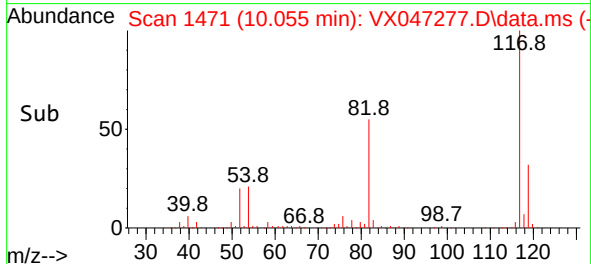
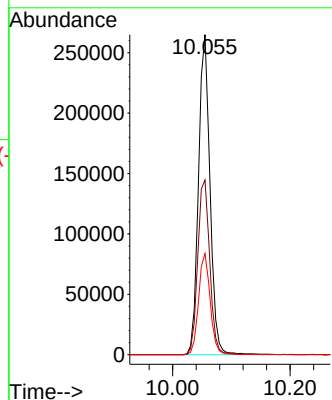
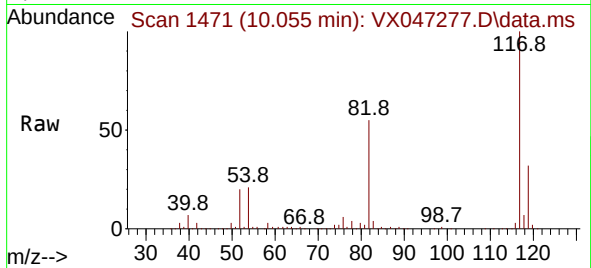




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047277.D
Acq: 08 Aug 2025 17:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 359860
Ion Ratio Lower Upper
117 100
82 54.6 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: VX047277.D
Acq: 08 Aug 2025 17:15

Tgt Ion:152 Resp: 185421
Ion Ratio Lower Upper
152 100
115 62.1 45.6 136.7
150 159.4 0.0 354.6

