

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047300.D
 Acq On : 12 Aug 2025 16:23
 Operator : JC/MD
 Sample : Q2814-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-38M-N

Quant Time: Aug 13 01:23:43 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)

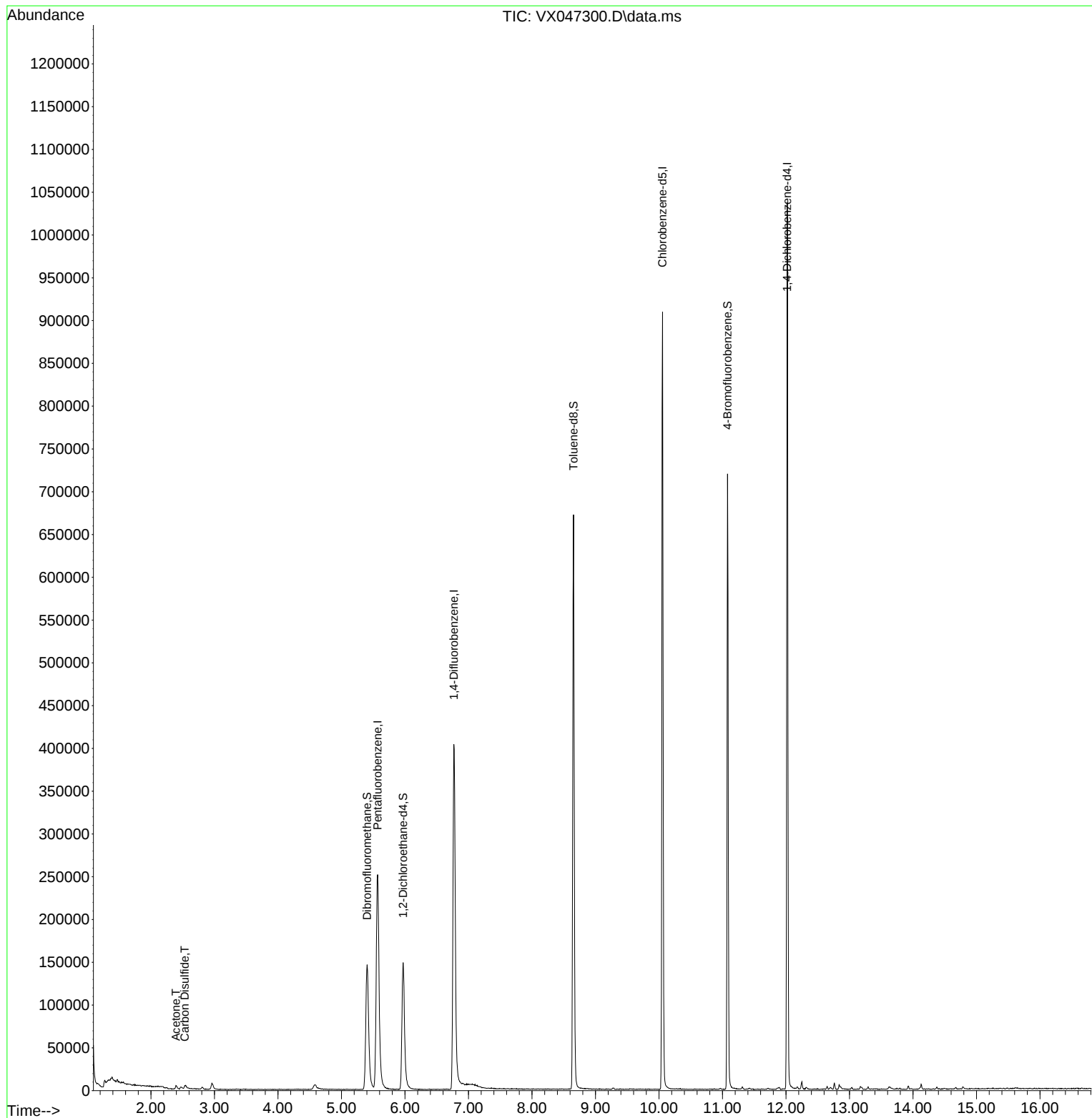
Internal Standards						
1) Pentafluorobenzene	5.568	168	256738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	441768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	205788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	160189	50.088	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.180%	
35) Dibromofluoromethane	5.404	113	140910	51.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.320%	
50) Toluene-d8	8.653	98	398458	45.108	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.220%#	
62) 4-Bromofluorobenzene	11.079	95	191507	50.308	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.620%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	5591	4.364	ug/l	100
17) Carbon Disulfide	2.532	76	3333	0.357	ug/l #	76

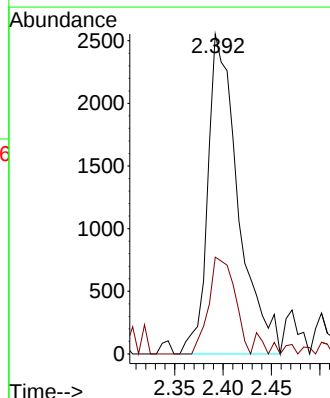
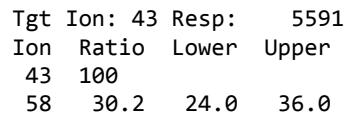
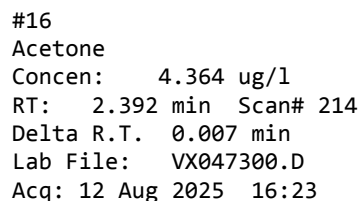
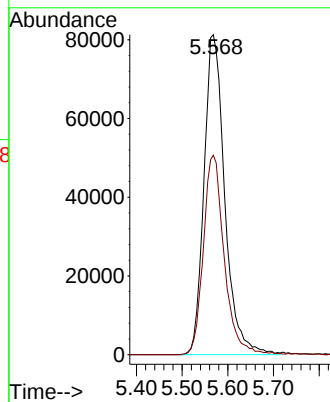
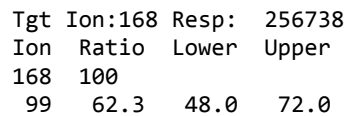
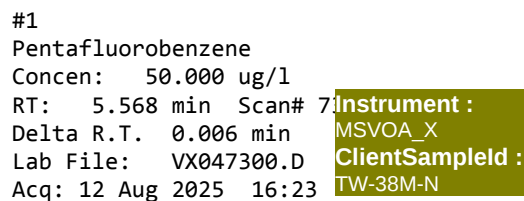
(#) = qualifier out of range (m) = manual integration (+) = signals summed

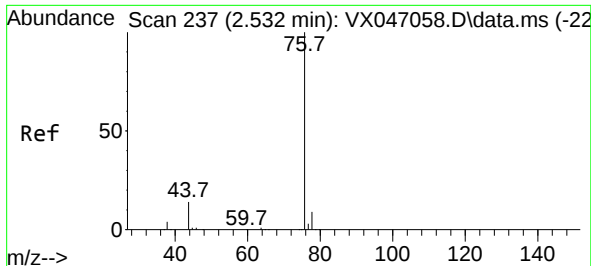
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
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Quant Time: Aug 13 01:23:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration







#17

Carbon Disulfide

Concen: 0.357 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX047300.D

Acq: 12 Aug 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

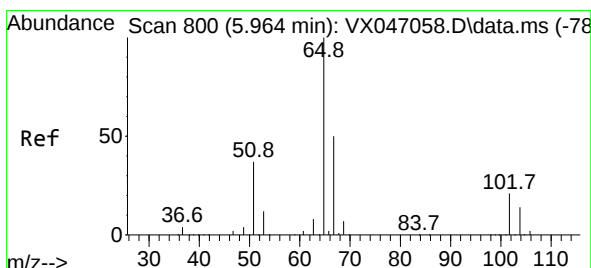
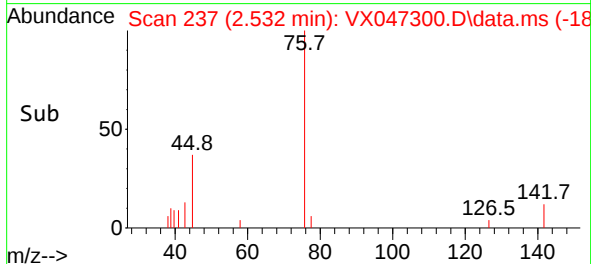
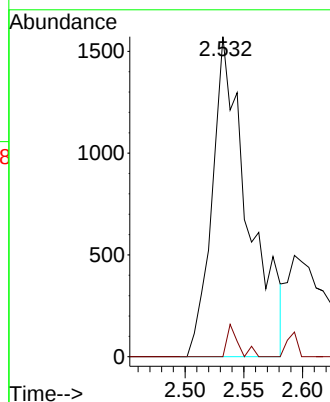
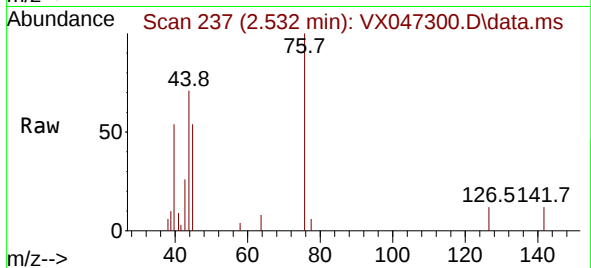
TW-38M-N

Tgt Ion: 76 Resp: 3333

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#33

1,2-Dichloroethane-d4

Concen: 50.088 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX047300.D

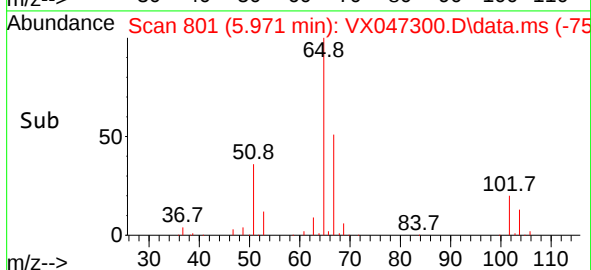
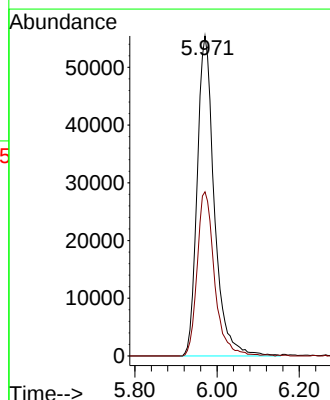
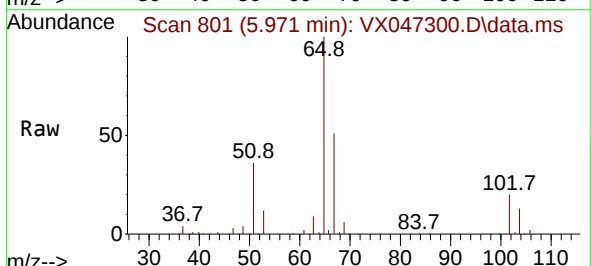
Acq: 12 Aug 2025 16:23

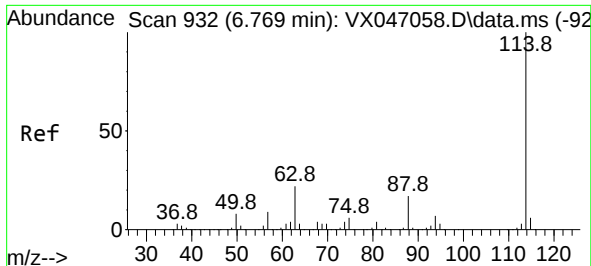
Tgt Ion: 65 Resp: 160189

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8

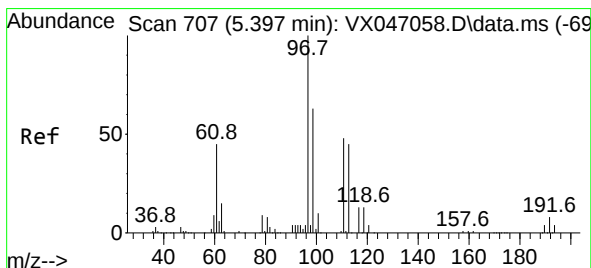
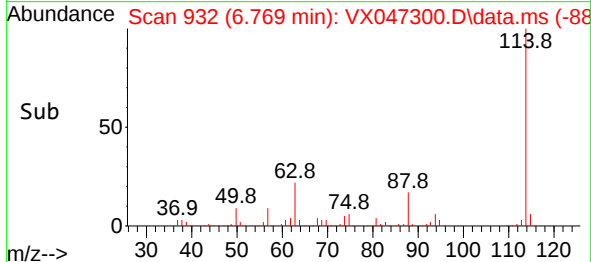
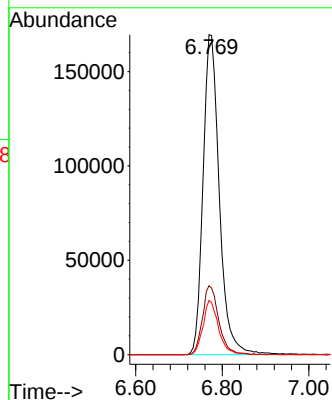
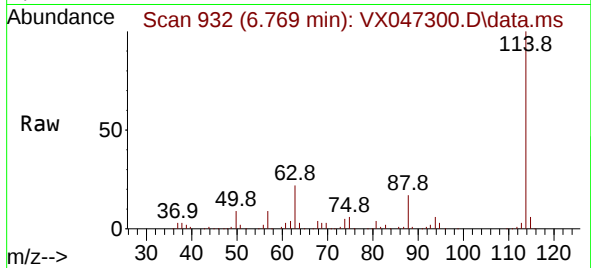




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047300.D
Acq: 12 Aug 2025 16:23

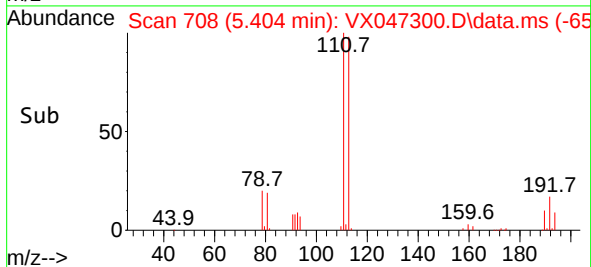
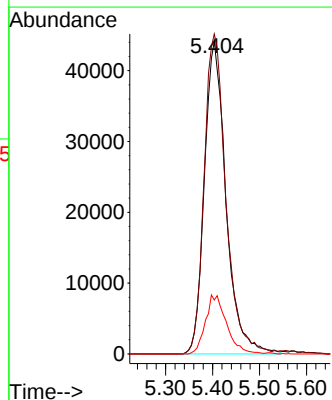
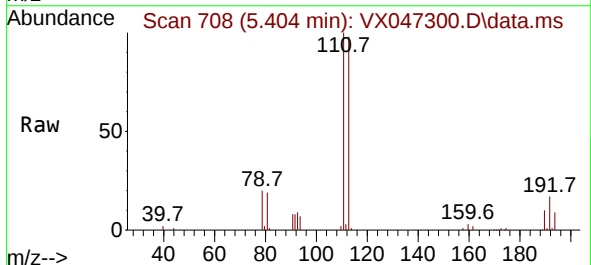
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-N

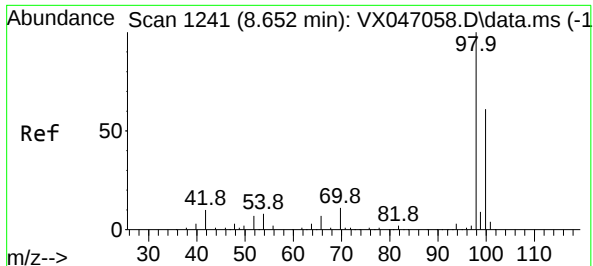
Tgt Ion:114 Resp: 441768
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.660 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX047300.D
Acq: 12 Aug 2025 16:23

Tgt Ion:113 Resp: 140910
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.4 14.9 22.3

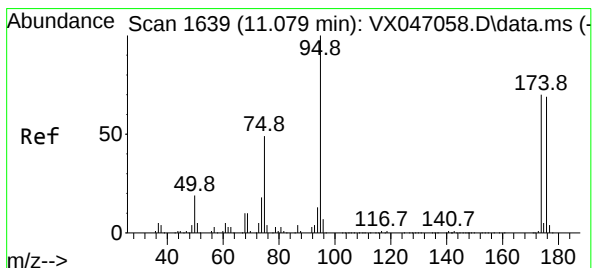
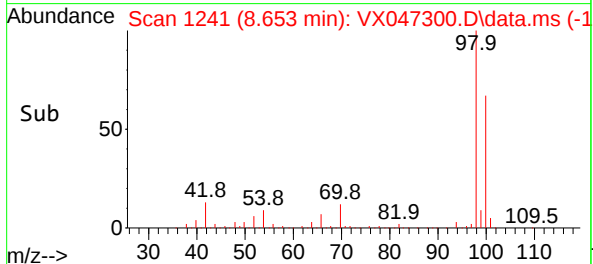
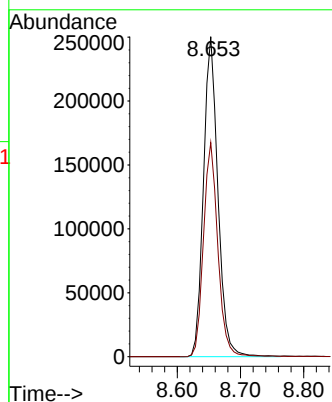
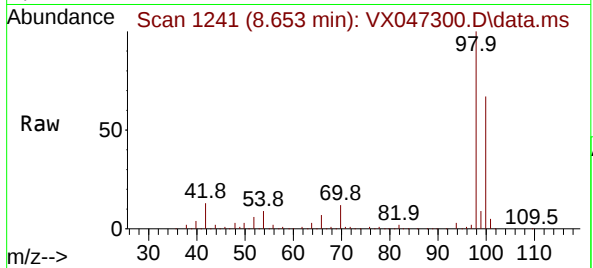




#50
Toluene-d8
Concen: 45.108 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX047300.D
Acq: 12 Aug 2025 16:23

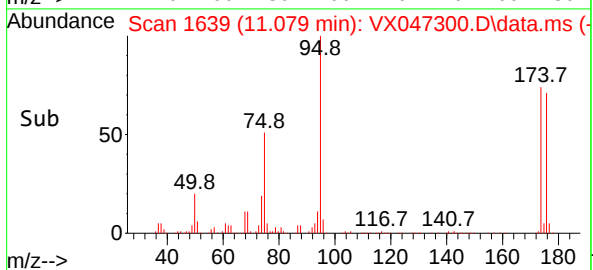
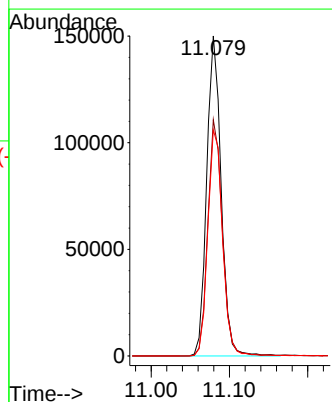
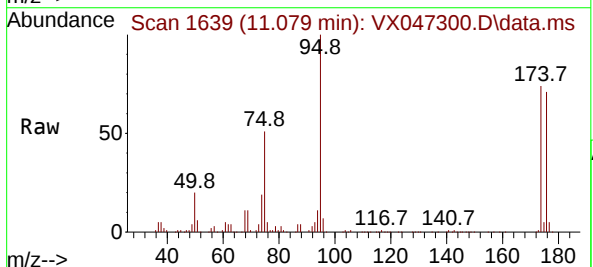
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-N

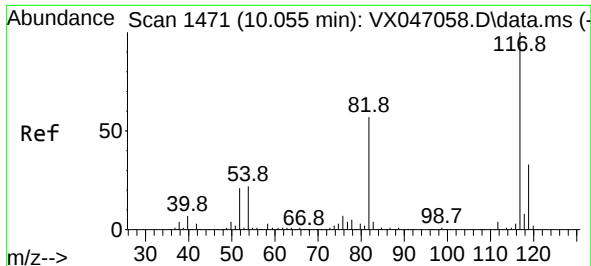
Tgt Ion: 98 Resp: 398458
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.308 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047300.D
Acq: 12 Aug 2025 16:23

Tgt Ion: 95 Resp: 191507
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.6
176 72.2 0.0 139.6

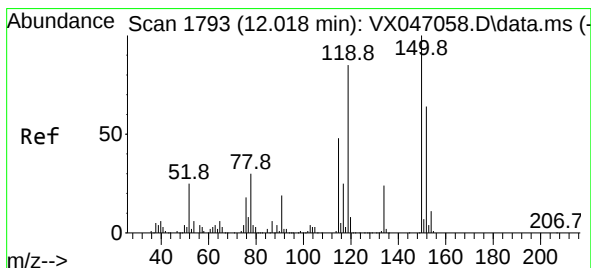
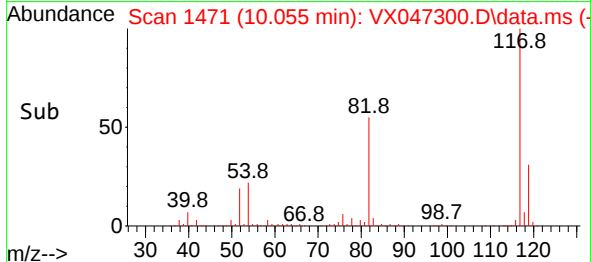
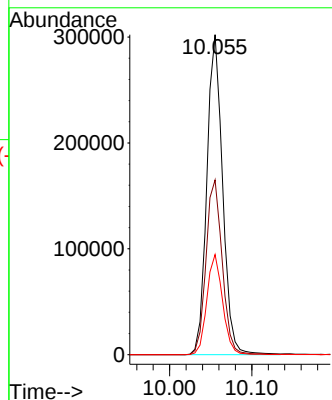
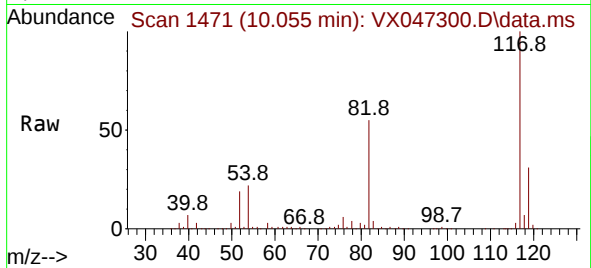




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047300.D
Acq: 12 Aug 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
TW-38M-N

Tgt Ion:117 Resp: 402262
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.2
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047300.D
Acq: 12 Aug 2025 16:23

Tgt Ion:152 Resp: 205788
Ion Ratio Lower Upper
152 100
115 62.4 45.6 136.7
150 158.0 0.0 354.6

