

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047384.D
 Acq On : 18 Aug 2025 15:57
 Operator : JC/MD
 Sample : Q2815-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-W

Quant Time: Aug 19 01:44:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

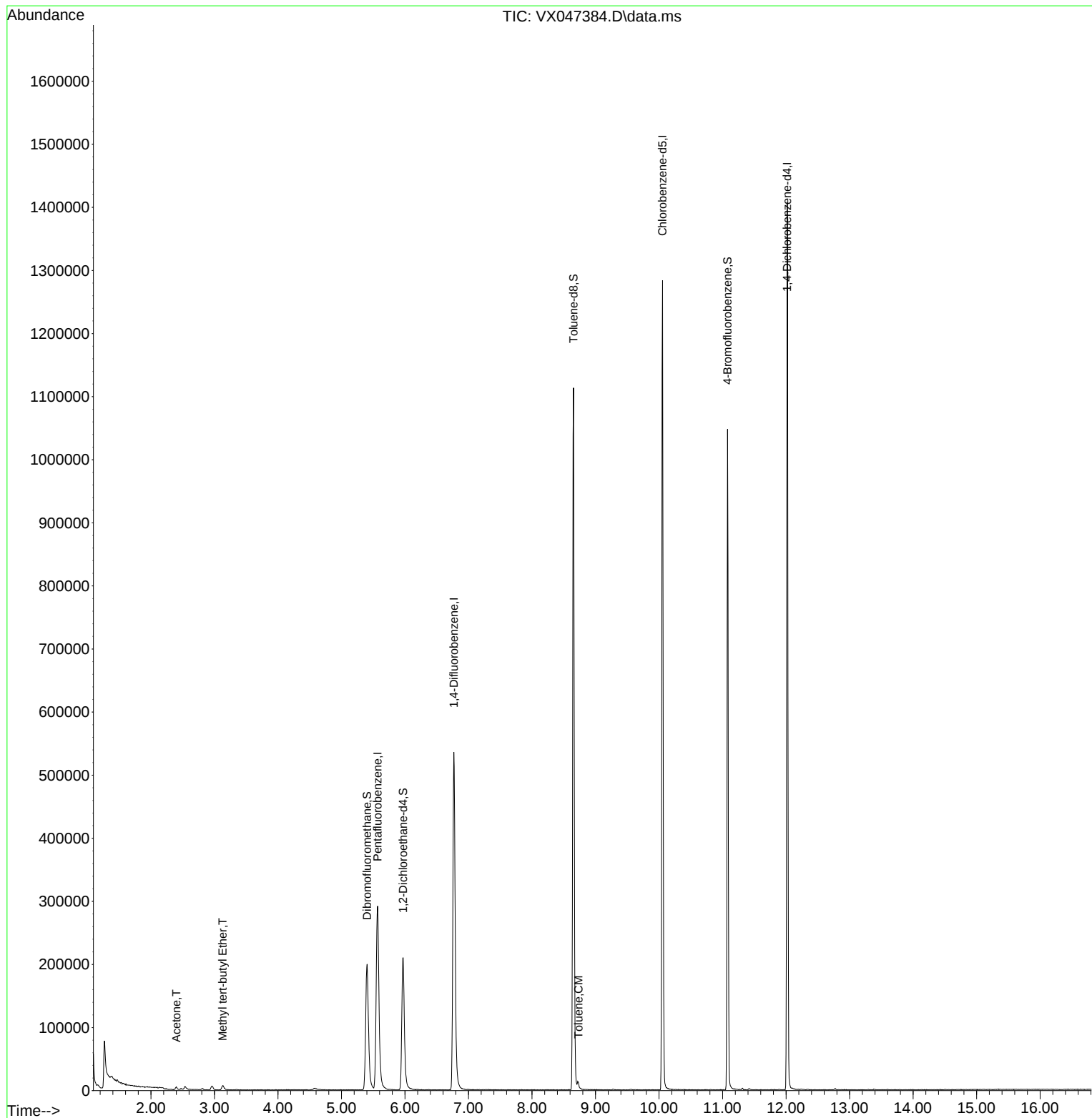
Internal Standards						
1) Pentafluorobenzene	5.568	168	290353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	574943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	285001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	221717	54.562	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.120%	
35) Dibromofluoromethane	5.403	113	190013	50.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.840%	
50) Toluene-d8	8.653	98	675048	50.614	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.079	95	276904	56.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.520%	
Target Compounds						Qvalue
16) Acetone	2.398	43	5720	3.745	ug/l	94
19) Methyl tert-butyl Ether	3.129	73	8021	0.721	ug/l	91
52) Toluene	8.732	92	4470	0.410	ug/l	94

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

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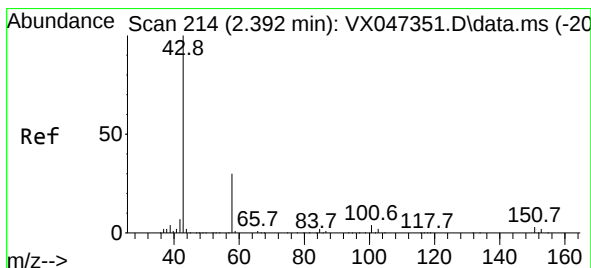
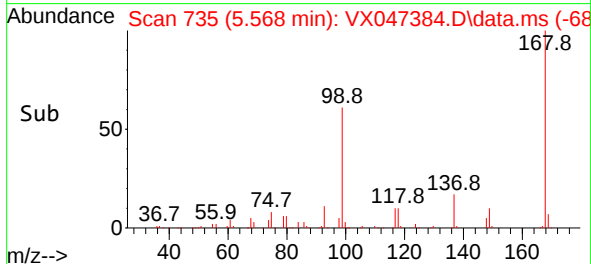
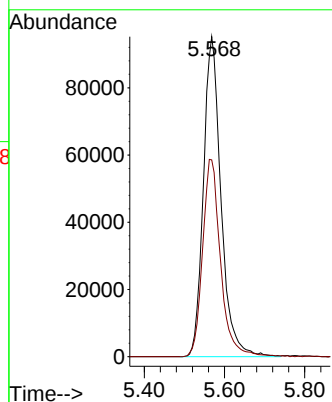
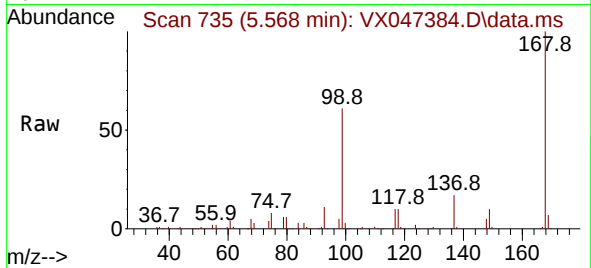




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

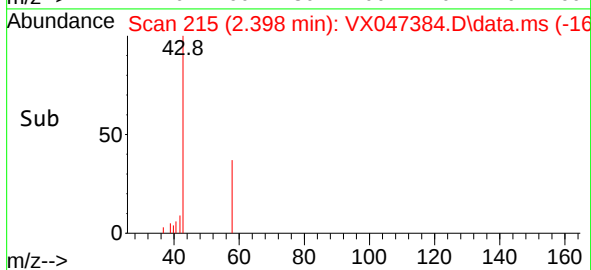
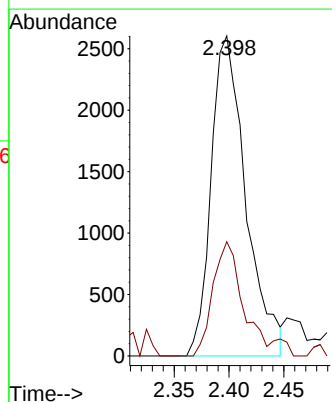
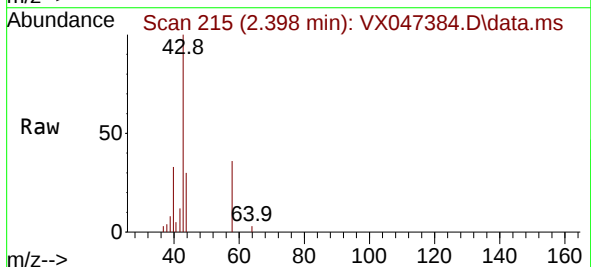
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-W

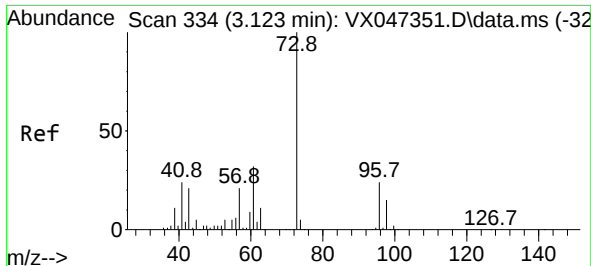
Tgt Ion:168 Resp: 290353
Ion Ratio Lower Upper
168 100
99 61.5 47.9 71.9



#16
Acetone
Concen: 3.745 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

Tgt Ion: 43 Resp: 5720
Ion Ratio Lower Upper
43 100
58 27.6 24.8 37.2

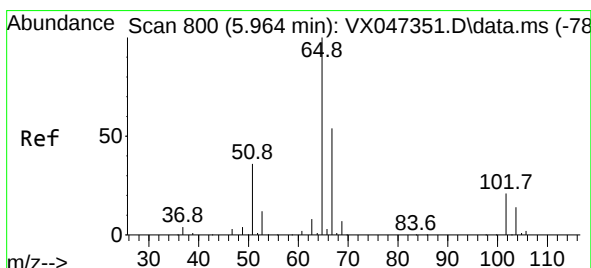
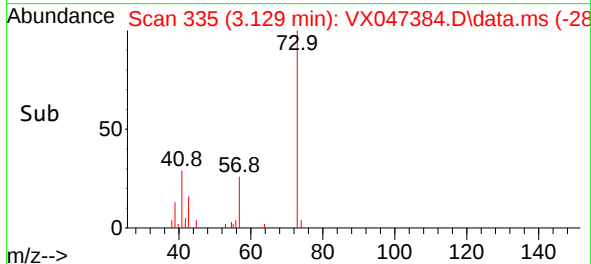
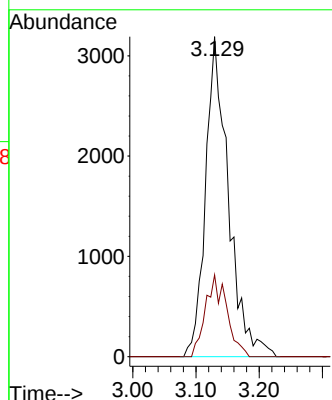
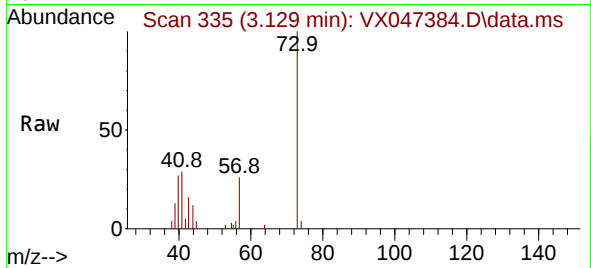




#19
Methyl tert-butyl Ether
Concen: 0.721 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

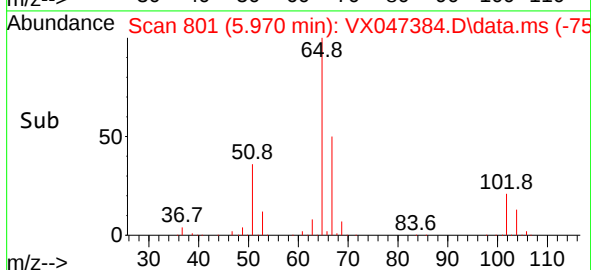
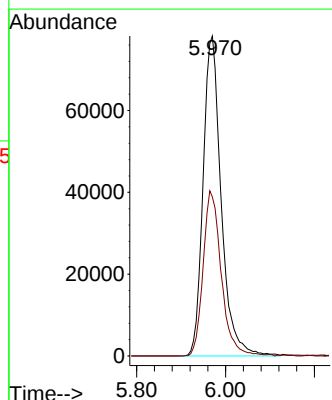
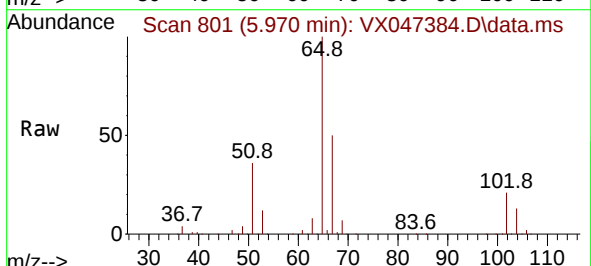
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-W

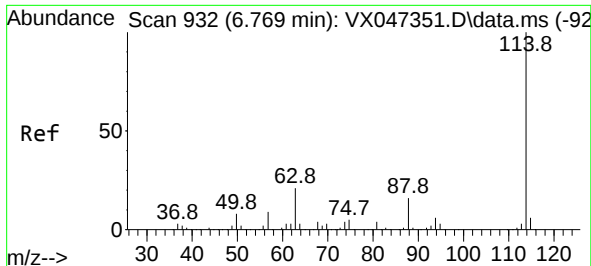
Tgt Ion: 73 Resp: 8021
Ion Ratio Lower Upper
73 100
57 25.5 17.0 25.6



#33
1,2-Dichloroethane-d4
Concen: 54.562 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

Tgt Ion: 65 Resp: 221717
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

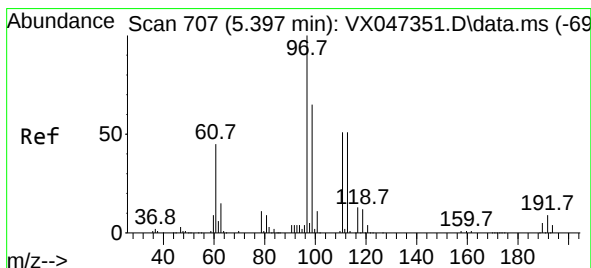
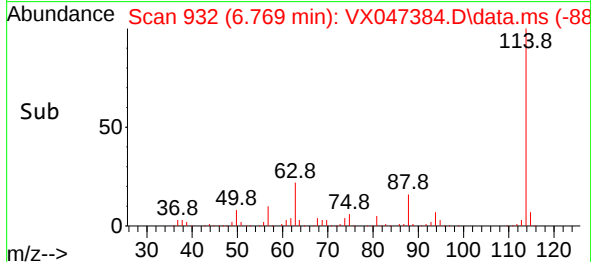
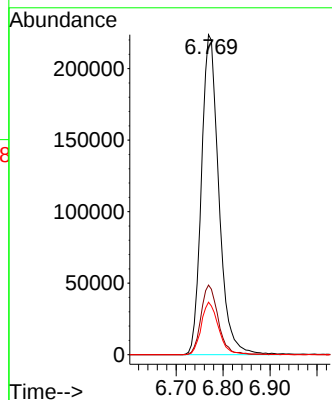
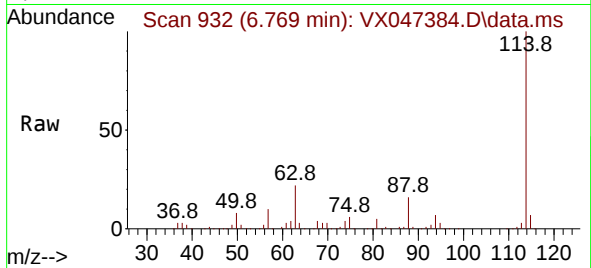




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047384.D
 Acq: 18 Aug 2025 15:57

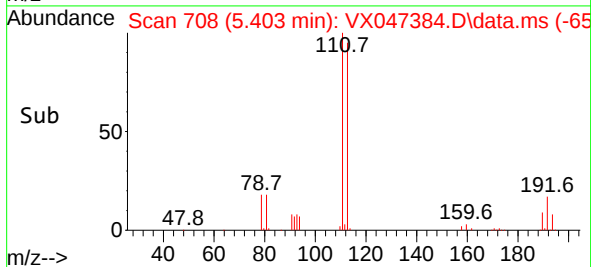
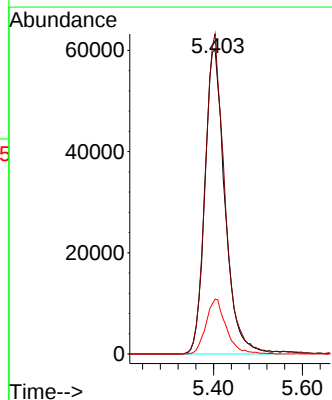
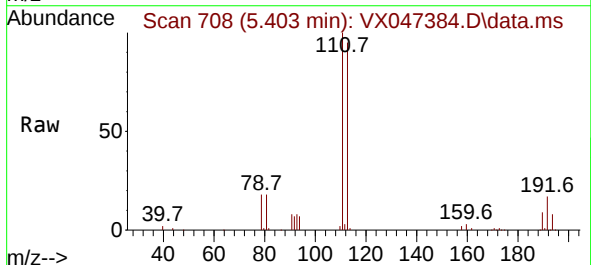
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-W

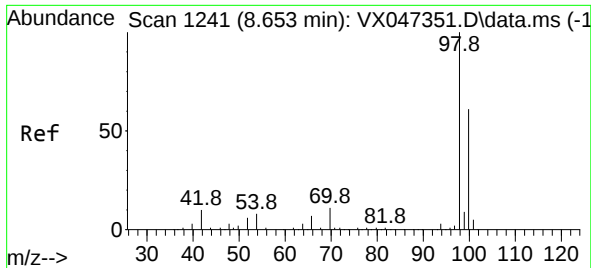
Tgt Ion:114 Resp: 574943
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 42.4
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.922 ug/l
 RT: 5.403 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VX047384.D
 Acq: 18 Aug 2025 15:57

Tgt Ion:113 Resp: 190013
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.2
 192 18.0 14.1 21.1

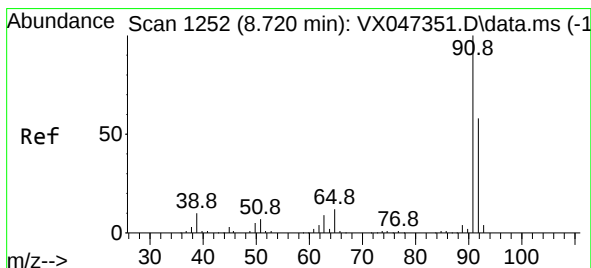
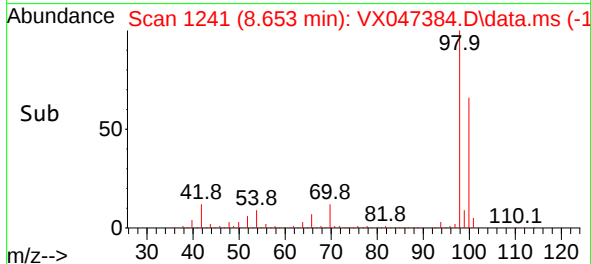
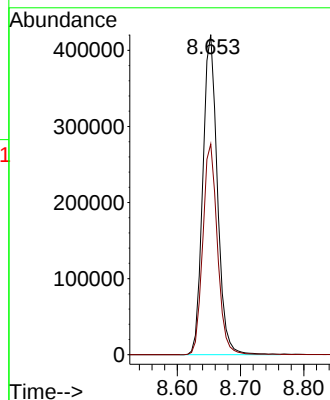
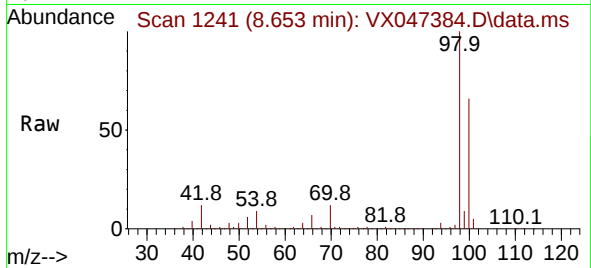




#50
Toluene-d8
Concen: 50.614 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

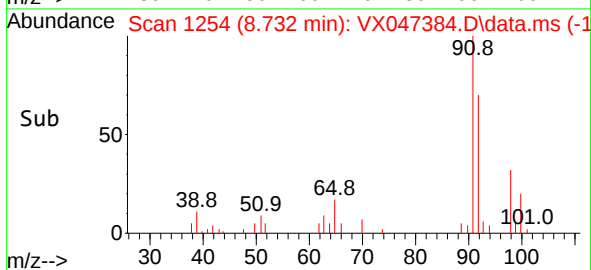
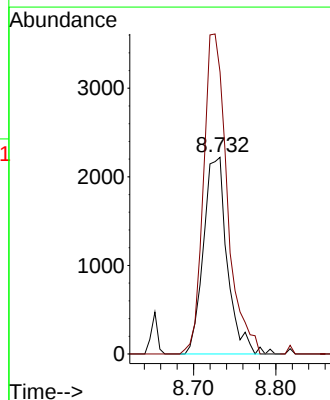
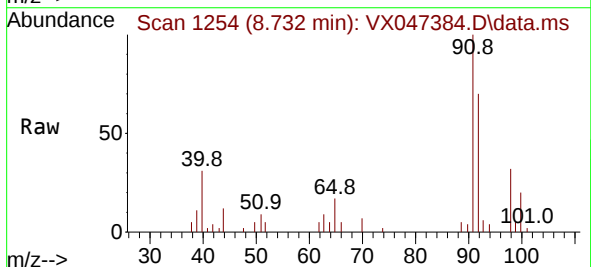
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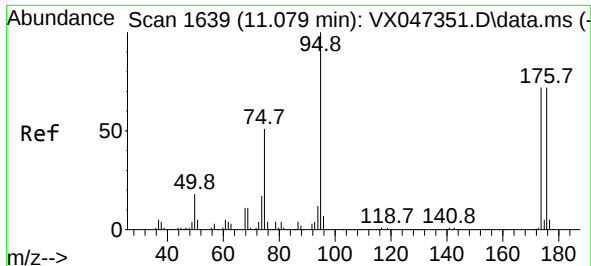
Tgt Ion: 98 Resp: 675048
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9



#52
Toluene
Concen: 0.410 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.012 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

Tgt Ion: 92 Resp: 4470
Ion Ratio Lower Upper
92 100
91 162.3 136.3 204.5

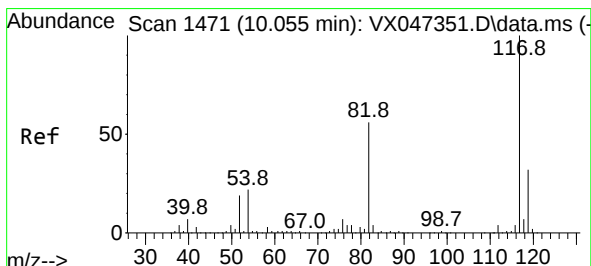
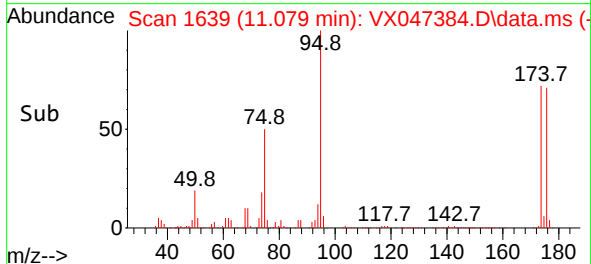
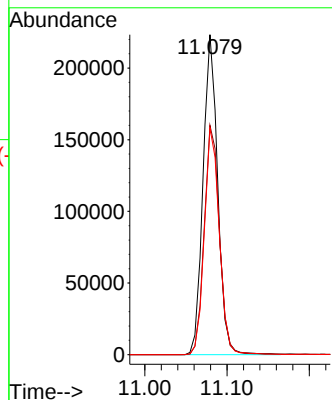
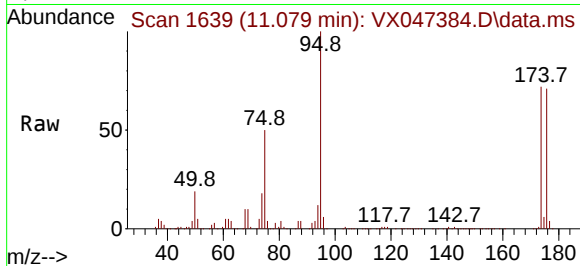




#62
4-Bromofluorobenzene
Concen: 56.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

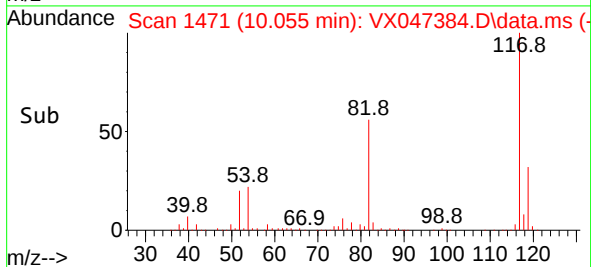
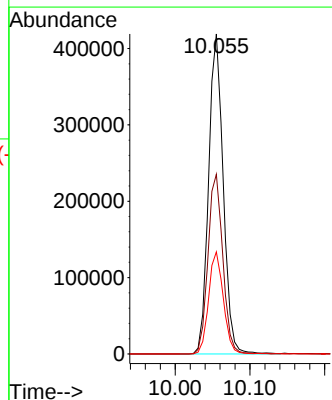
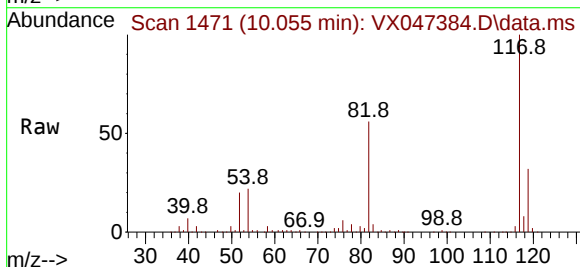
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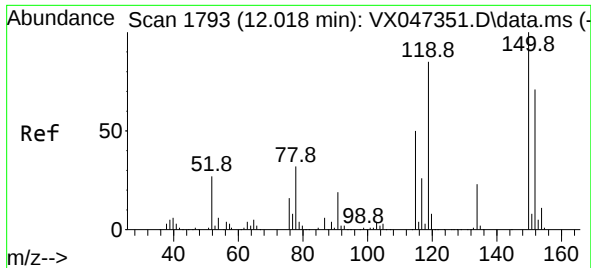
Tgt Ion: 95 Resp: 276904
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 72.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047384.D
Acq: 18 Aug 2025 15:57

Tgt Ion: 117 Resp: 568154
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047384.D

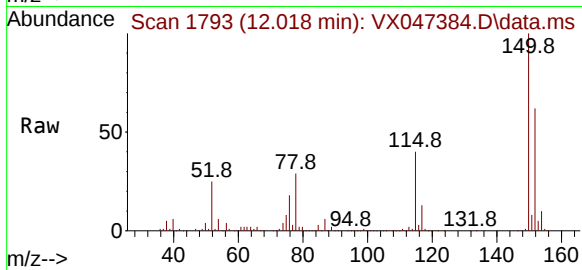
Acq: 18 Aug 2025 15:57

Instrument :

MSVOA_X

ClientSampleId :

TW-88H-W



Tgt Ion:152 Resp: 285001

Ion Ratio Lower Upper

152 100

115 62.5 44.6 133.8

150 157.9 0.0 349.8

