

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047383.D
 Acq On : 18 Aug 2025 15:35
 Operator : JC/MD
 Sample : Q2815-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-N

Quant Time: Aug 19 01:44:14 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)

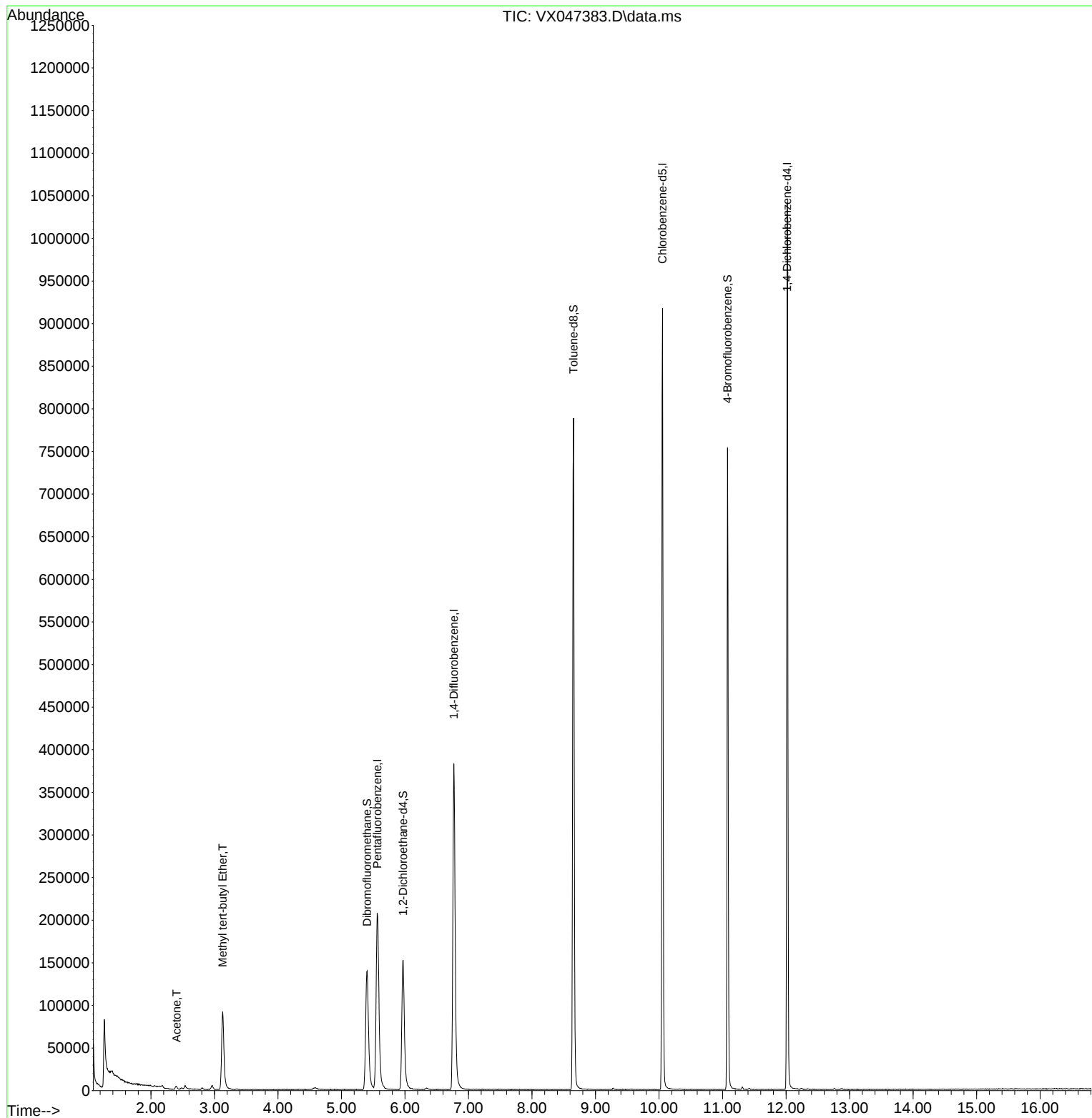
Internal Standards						
1) Pentafluorobenzene	5.562	168	210172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	408314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	209517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	159813	54.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.660%	
35) Dibromofluoromethane	5.404	113	135188	51.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	8.653	98	480604	50.741	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	11.079	95	199196	56.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.980%	
Target Compounds						
						Qvalue
16) Acetone	2.404	43	5829	5.272	ug/l	89
19) Methyl tert-butyl Ether	3.130	73	108594	13.489	ug/l	98

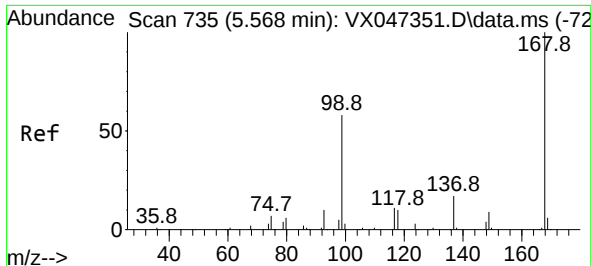
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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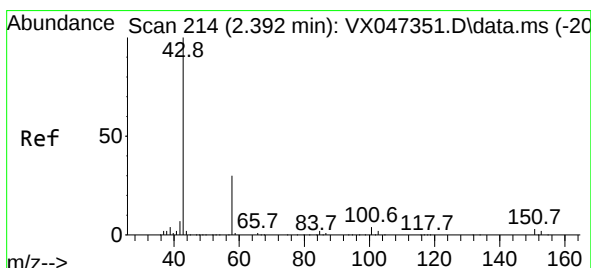
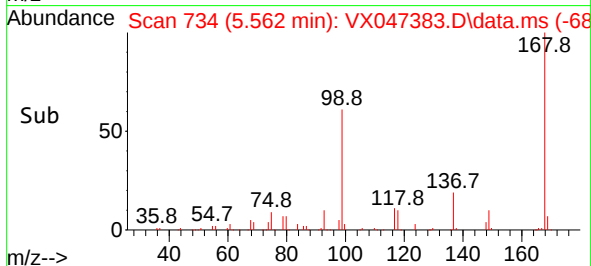
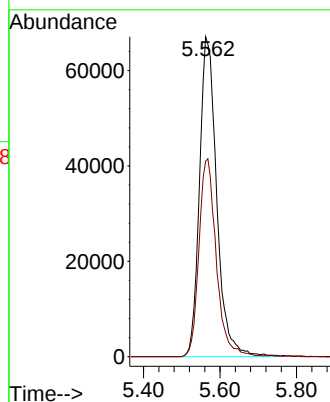
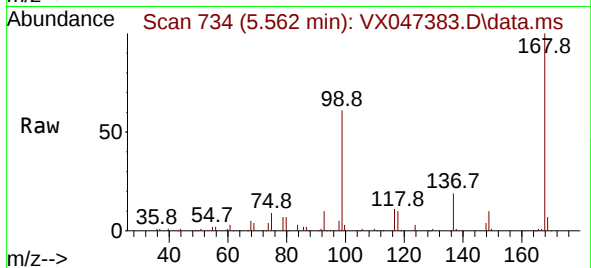




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

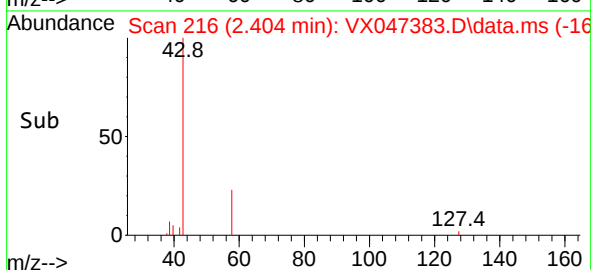
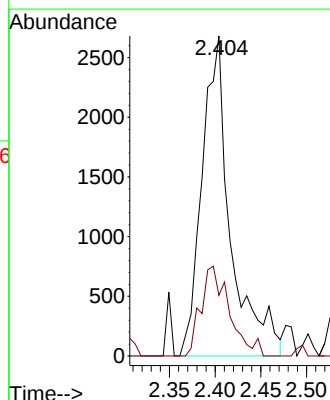
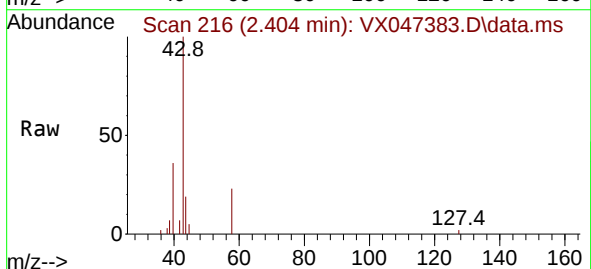
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-N

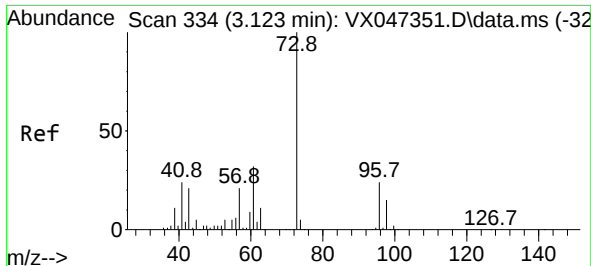
Tgt Ion:168 Resp: 210172
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9



#16
Acetone
Concen: 5.272 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

Tgt Ion: 43 Resp: 5829
Ion Ratio Lower Upper
43 100
58 24.8 24.8 37.2

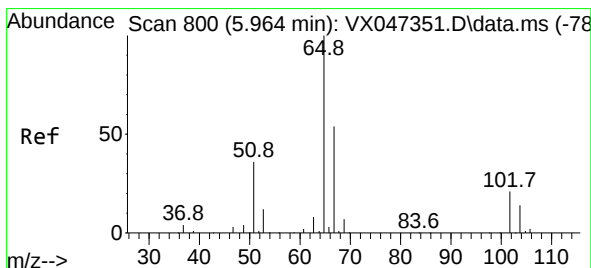
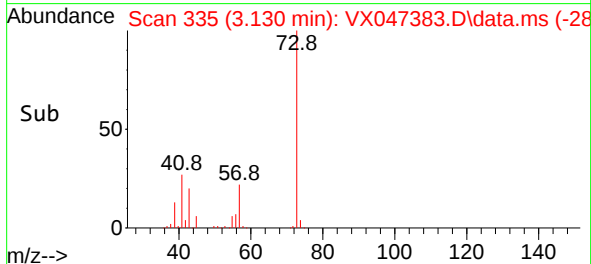
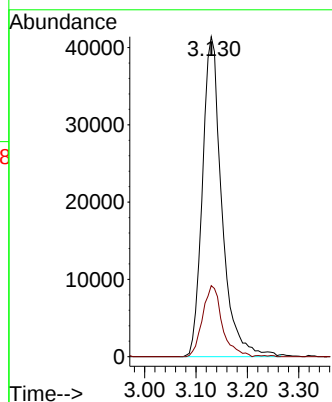
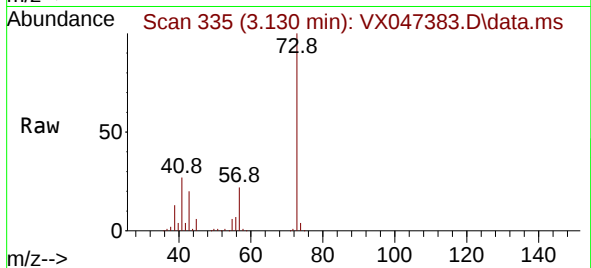




#19
Methyl tert-butyl Ether
Concen: 13.489 ug/l
RT: 3.130 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

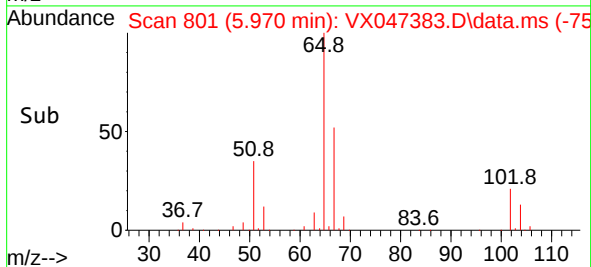
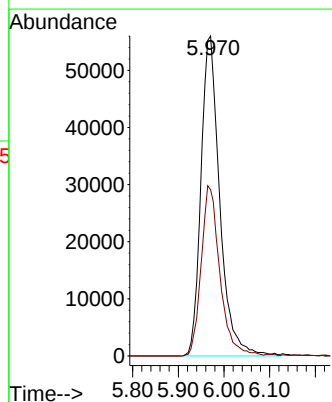
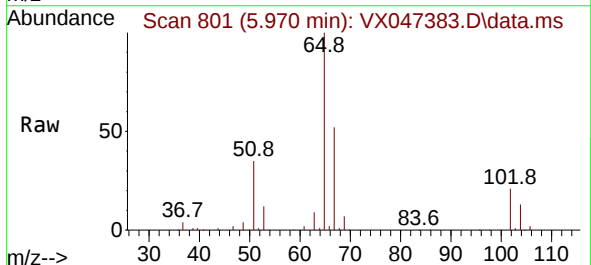
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-N

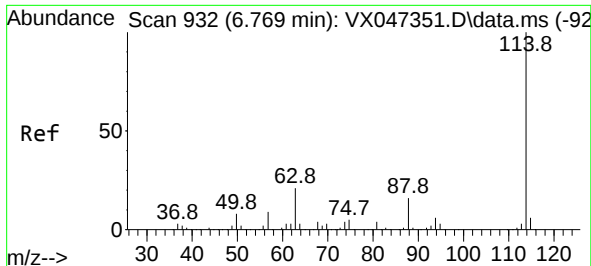
Tgt Ion: 73 Resp: 108594
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6



#33
1,2-Dichloroethane-d4
Concen: 54.332 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

Tgt Ion: 65 Resp: 159813
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0

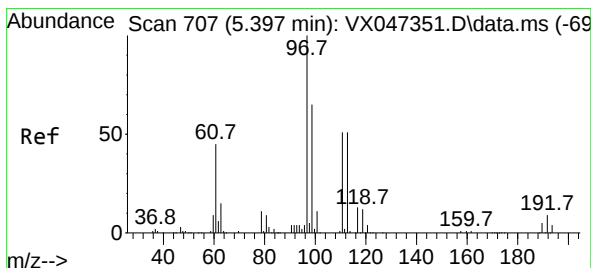
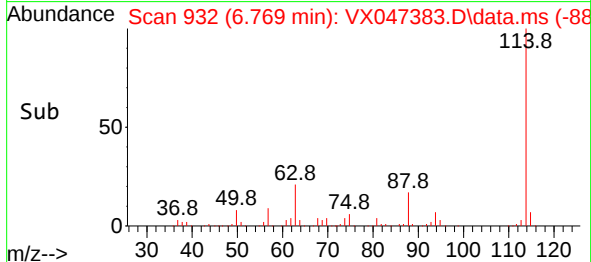
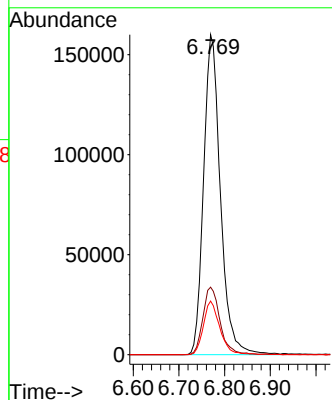
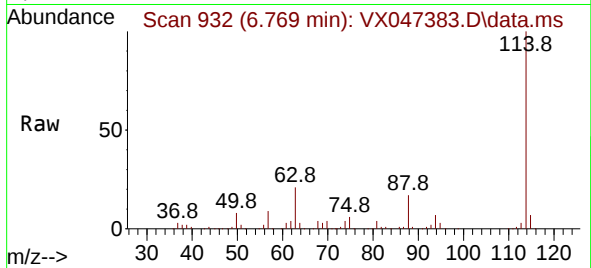




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

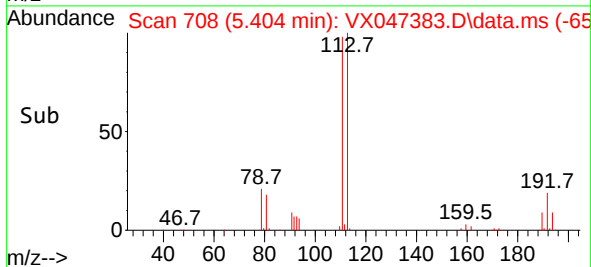
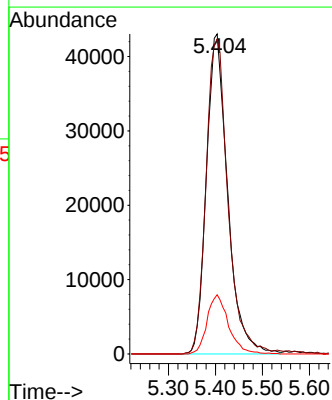
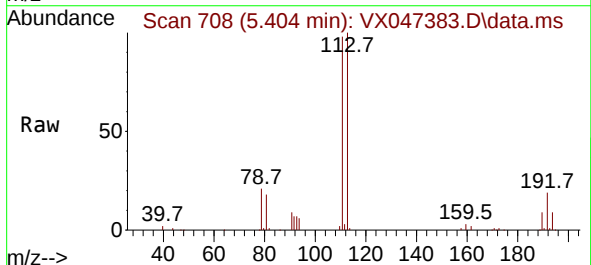
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-N

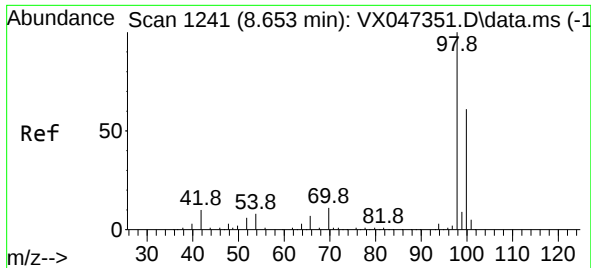
Tgt Ion:114 Resp: 408314
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.014 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

Tgt Ion:113 Resp: 135188
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.2
192 18.7 14.1 21.1

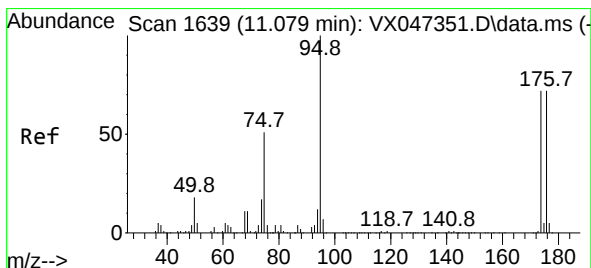
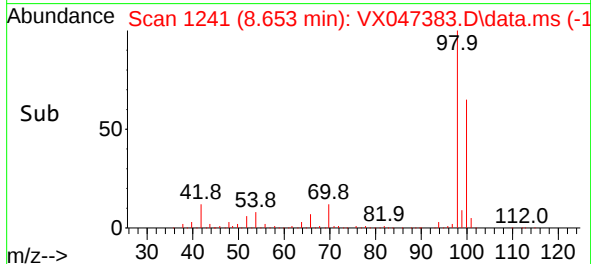
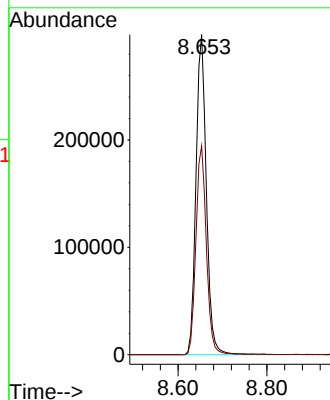
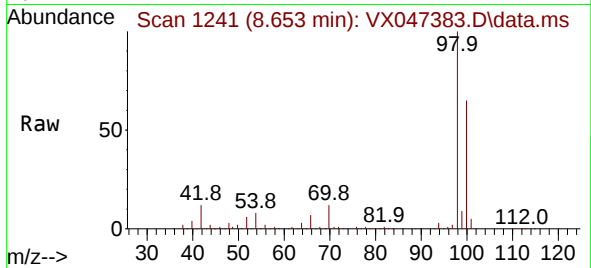




#50
Toluene-d8
Concen: 50.741 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

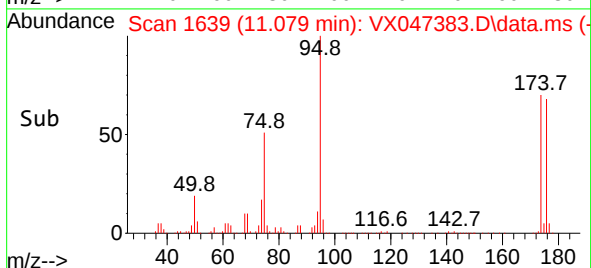
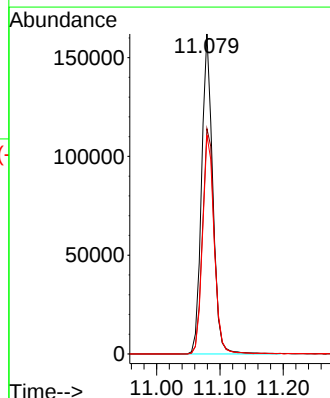
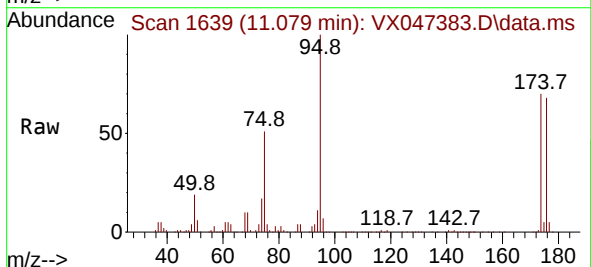
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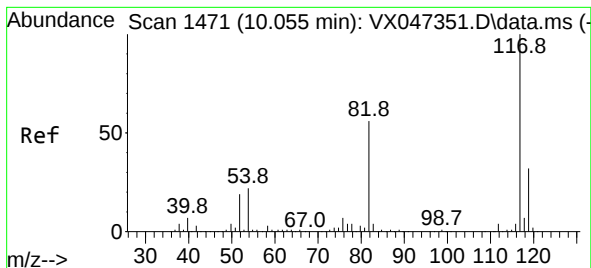
Tgt Ion: 98 Resp: 480604
Ion Ratio Lower Upper
98 100
100 65.9 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047383.D
Acq: 18 Aug 2025 15:35

Tgt Ion: 95 Resp: 199196
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 71.3 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: VX047383.D

Acq: 18 Aug 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

TW-88H-N

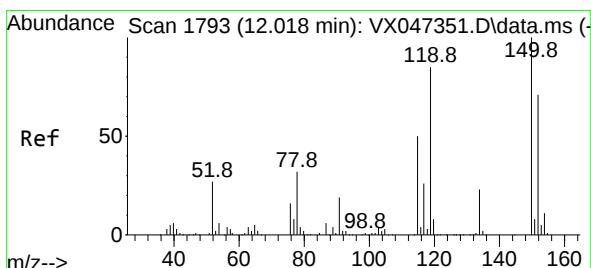
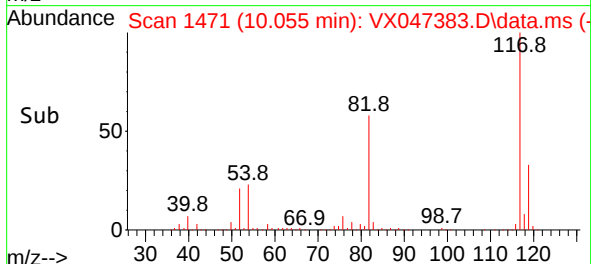
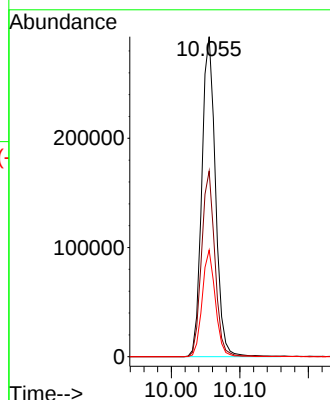
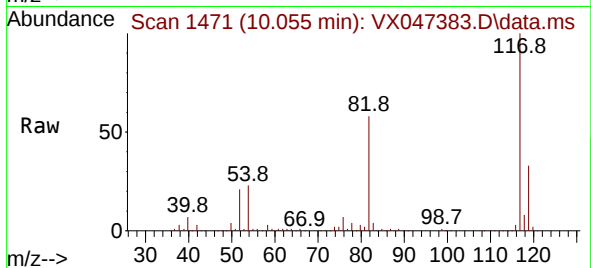
Tgt Ion:117 Resp: 407032

Ion Ratio Lower Upper

117 100

82 58.0 45.0 67.4

119 33.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047383.D

Acq: 18 Aug 2025 15:35

Tgt Ion:152 Resp: 209517

Ion Ratio Lower Upper

152 100

115 61.0 44.6 133.8

150 158.6 0.0 349.8

