

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047331.D
 Acq On : 13 Aug 2025 18:24
 Operator : JC/MD
 Sample : Q2815-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-N

Quant Time: Aug 14 03:33:22 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)

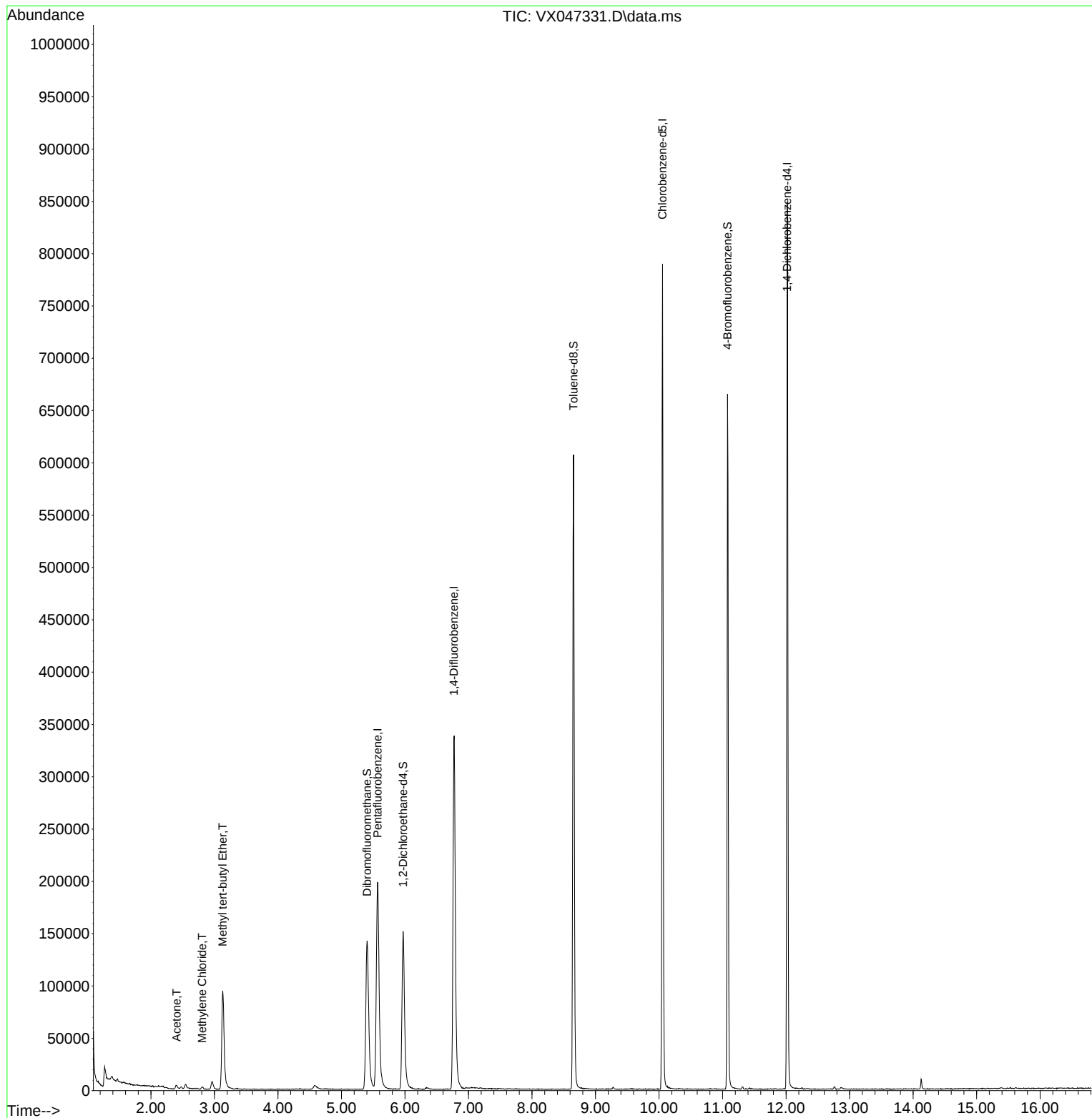
Internal Standards						
1) Pentafluorobenzene	5.568	168	199184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	368929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	173124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	160176	64.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 129.120%#	
35) Dibromofluoromethane	5.403	113	138358	60.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.480%	
50) Toluene-d8	8.653	98	364823	49.455	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	11.079	95	177904	55.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.920%	
Target Compounds						
						Qvalue
16) Acetone	2.404	43	5667	5.701	ug/l #	85
19) Methyl tert-butyl Ether	3.129	73	112898	14.820	ug/l	97
20) Methylene Chloride	2.806	84	949	0.347	ug/l #	91

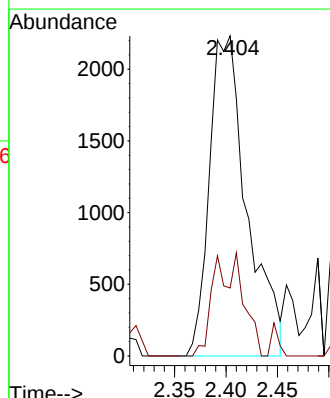
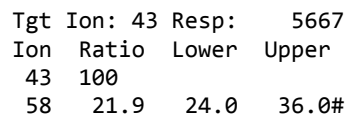
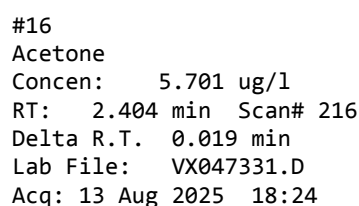
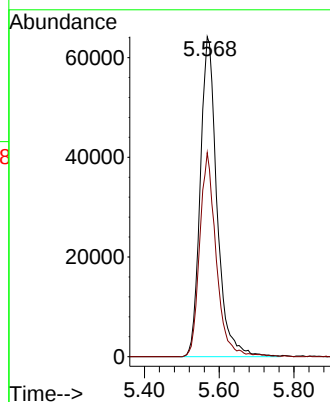
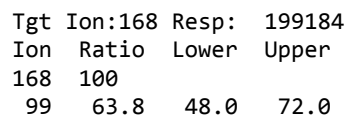
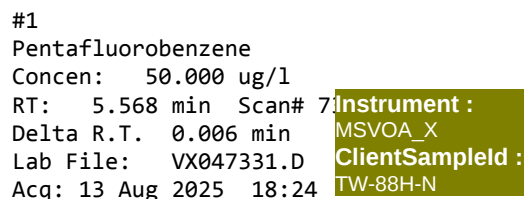
(#) = qualifier out of range (m) = manual integration (+) = signals summed

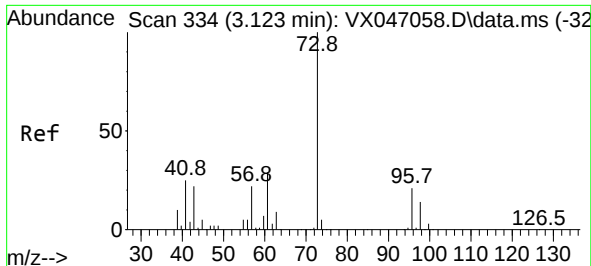
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
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Quant Time: Aug 14 03:33:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



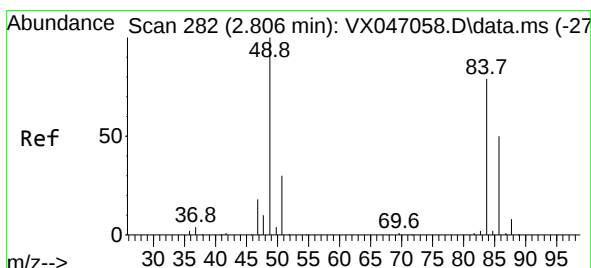
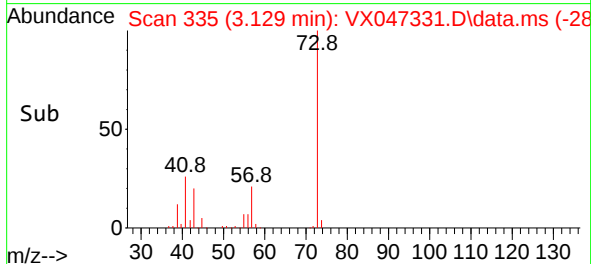
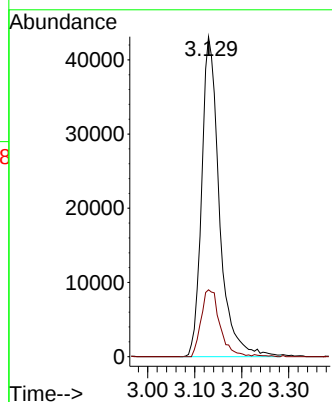
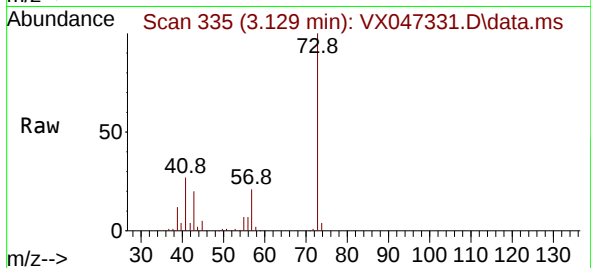




#19
Methyl tert-butyl Ether
Concen: 14.820 ug/l
RT: 3.129 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047331.D
Acq: 13 Aug 2025 18:24

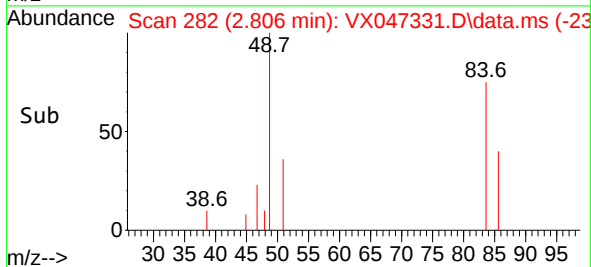
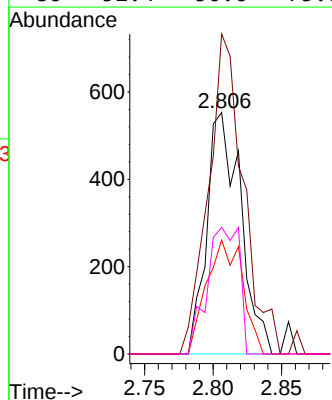
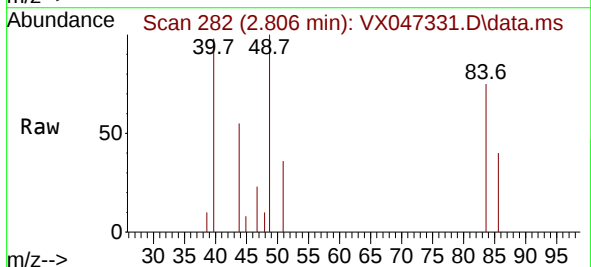
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-N

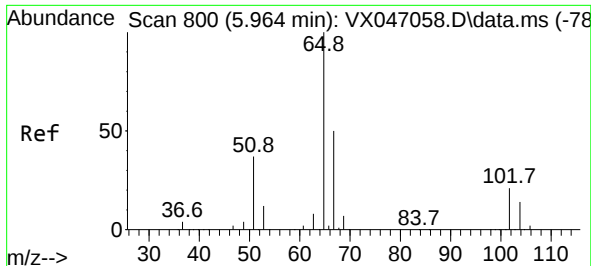
Tgt Ion: 73 Resp: 112898
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047331.D
Acq: 13 Aug 2025 18:24

Tgt Ion: 84 Resp: 949
Ion Ratio Lower Upper
84 100
49 132.5 101.6 152.4
51 47.2 30.3 45.5#
86 52.4 50.6 75.8

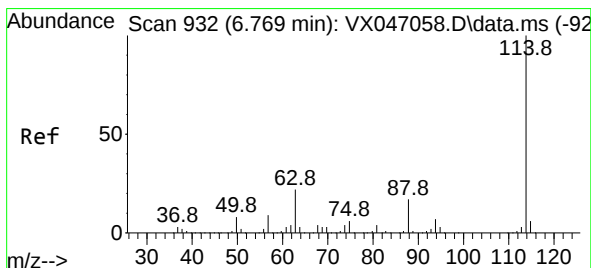
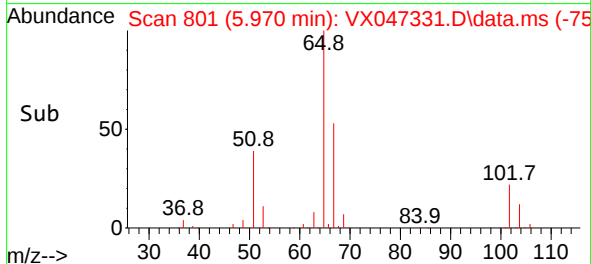
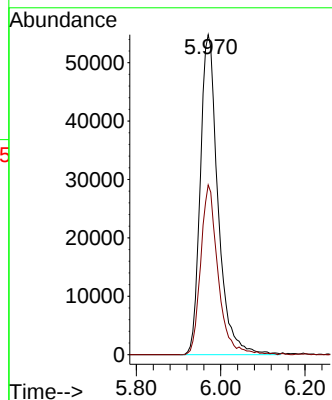
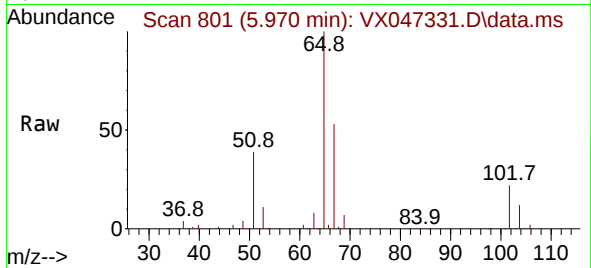




#33
 1,2-Dichloroethane-d4
 Concen: 64.556 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047331.D
 Acq: 13 Aug 2025 18:24

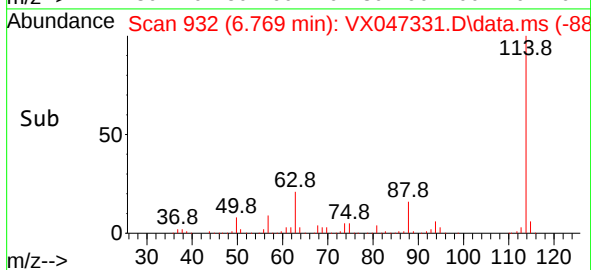
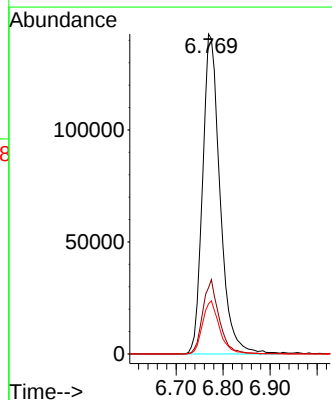
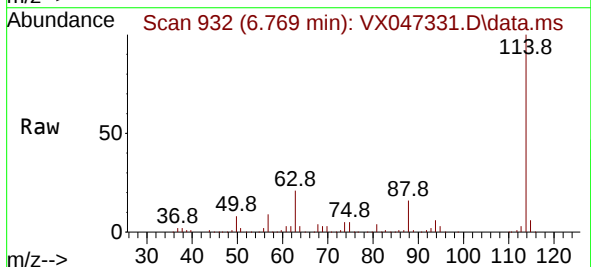
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-N

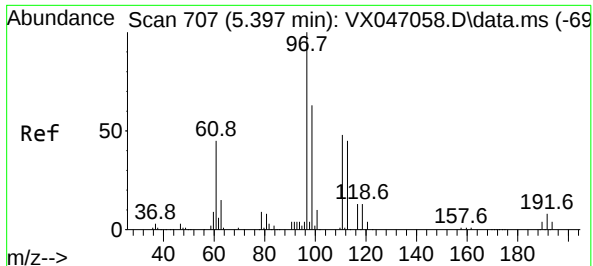
Tgt Ion: 65 Resp: 160176
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047331.D
 Acq: 13 Aug 2025 18:24

Tgt Ion: 114 Resp: 368929
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 60.740 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047331.D

Acq: 13 Aug 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

TW-88H-N

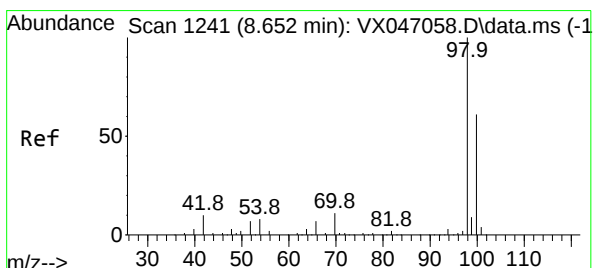
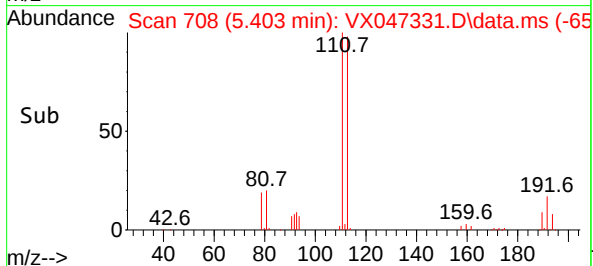
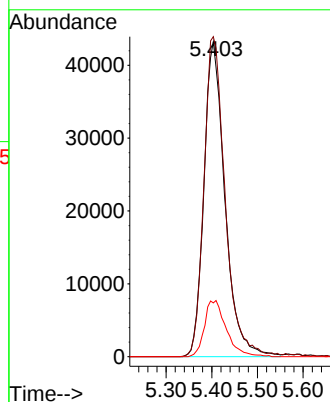
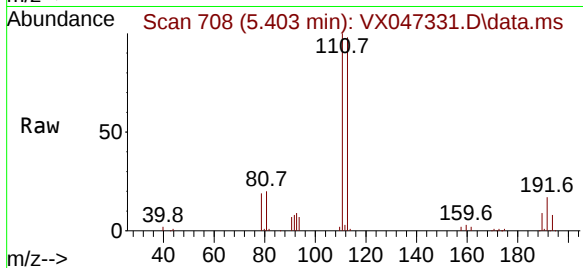
Tgt Ion:113 Resp: 138358

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.6 14.9 22.3



#50

Toluene-d8

Concen: 49.455 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047331.D

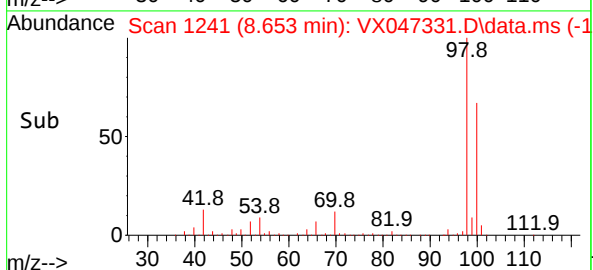
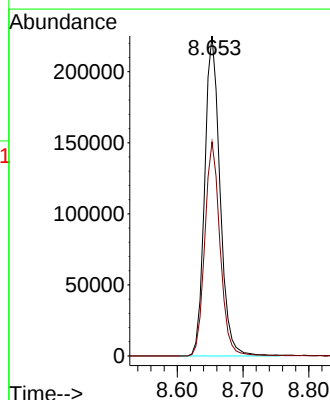
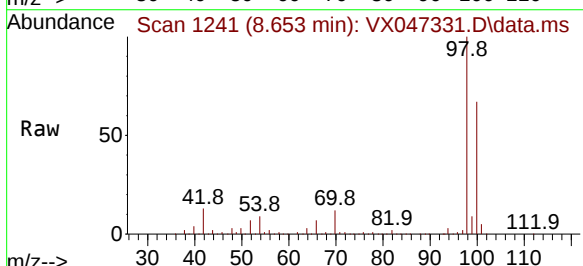
Acq: 13 Aug 2025 18:24

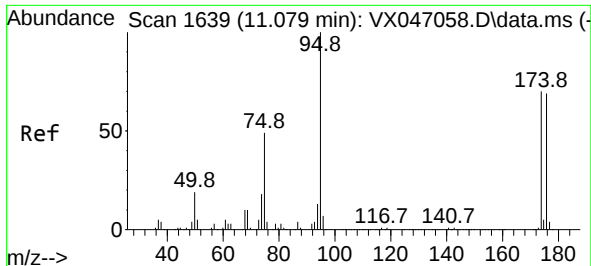
Tgt Ion: 98 Resp: 364823

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9

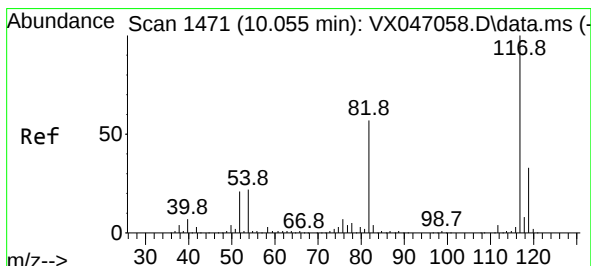
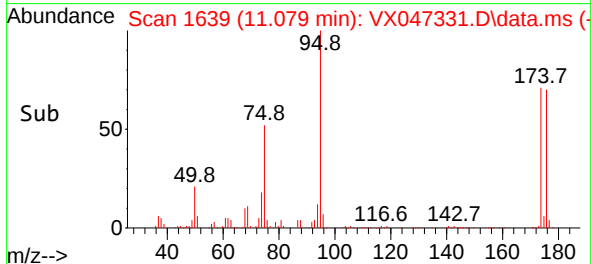
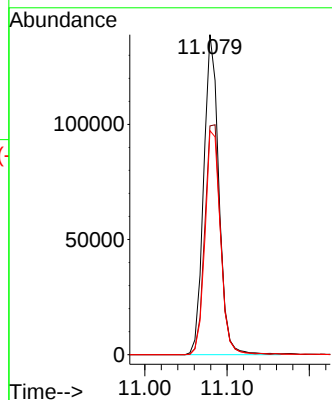
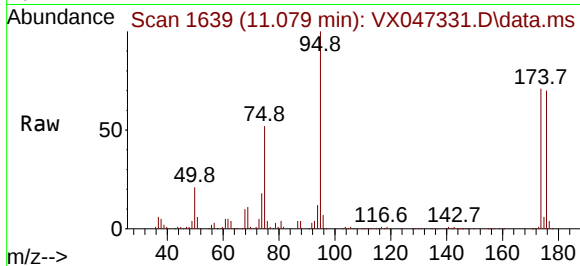




#62
4-Bromofluorobenzene
Concen: 55.962 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047331.D
Acq: 13 Aug 2025 18:24

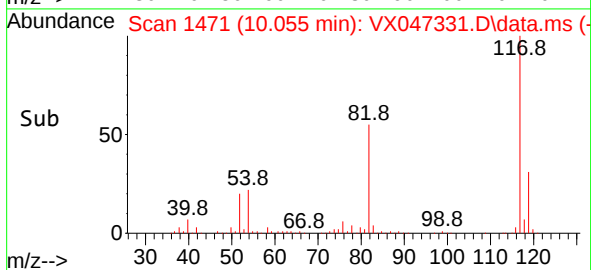
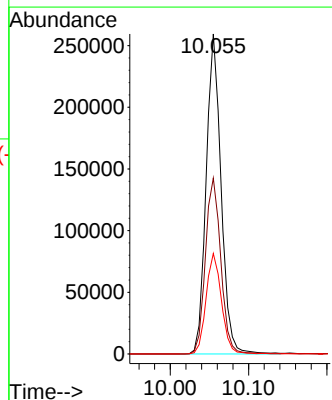
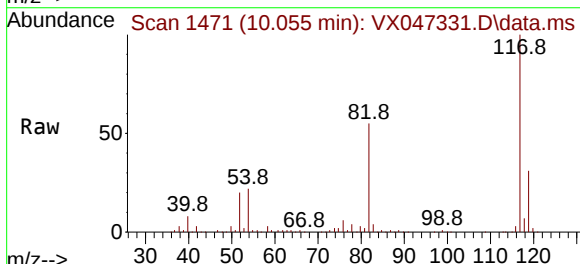
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-N

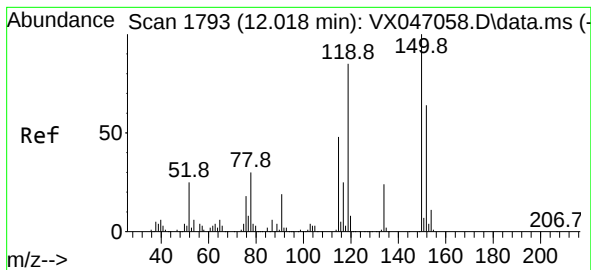
Tgt Ion: 95 Resp: 177904
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.6
176 71.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047331.D
Acq: 13 Aug 2025 18:24

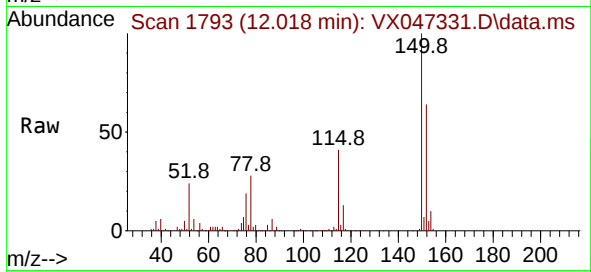
Tgt Ion: 117 Resp: 342487
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.4 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047331.D
 Acq: 13 Aug 2025 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-N



Tgt Ion:152 Resp: 173124
 Ion Ratio Lower Upper
 152 100
 115 61.8 45.6 136.7
 150 155.9 0.0 354.6

