

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047301.D
 Acq On : 12 Aug 2025 16:44
 Operator : JC/MD
 Sample : Q2814-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-38M-S

Quant Time: Aug 13 01:24:04 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)

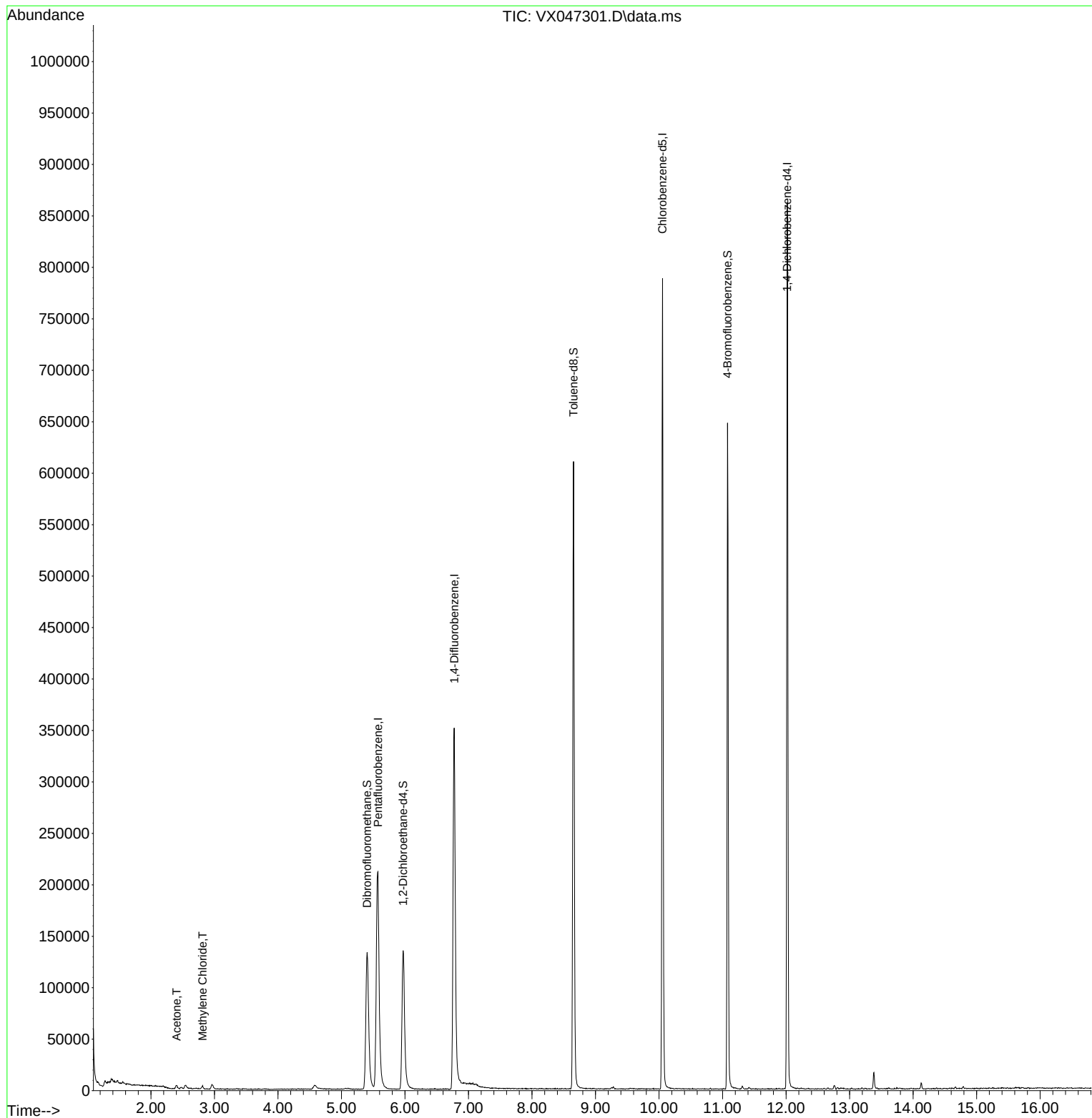
Internal Standards						
1) Pentafluorobenzene	5.574	168	217653	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.775	114	374811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	176128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	146310	53.964	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.920%	
35) Dibromofluoromethane	5.403	113	128275	55.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.860%	
50) Toluene-d8	8.653	98	362560	48.377	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.760%	
62) 4-Bromofluorobenzene	11.079	95	173963	53.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.720%	
Target Compounds						
						Qvalue
16) Acetone	2.404	43	5077	4.674	ug/l	95
20) Methylene Chloride	2.812	84	1021	0.342	ug/l #	82

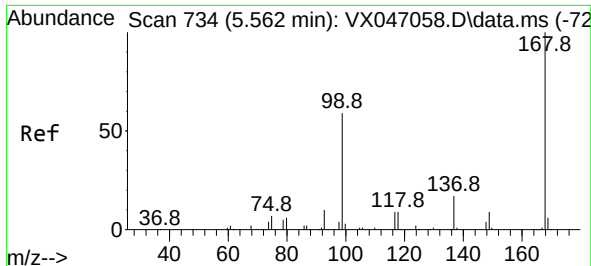
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
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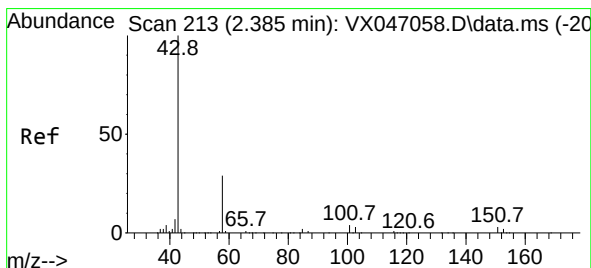
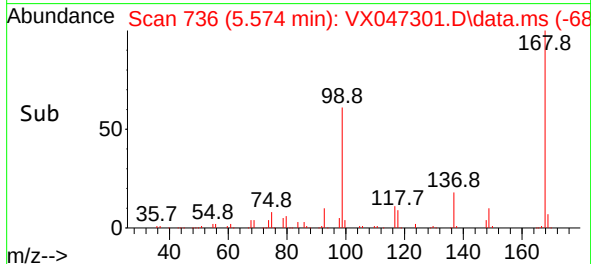
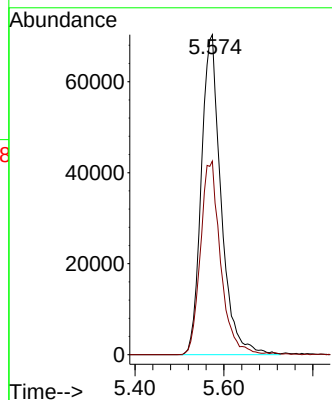
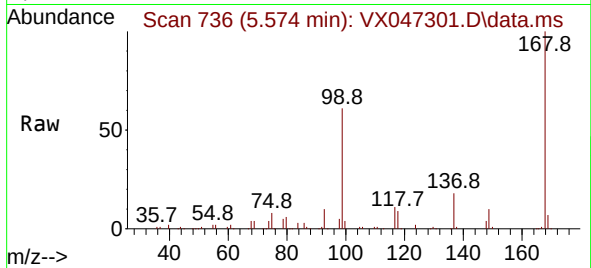




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

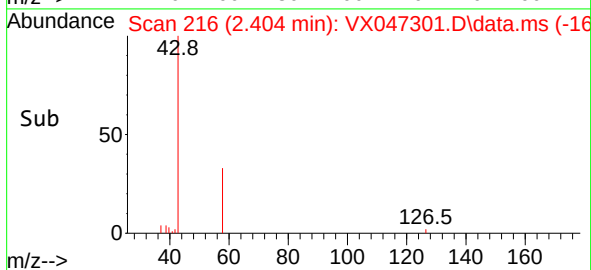
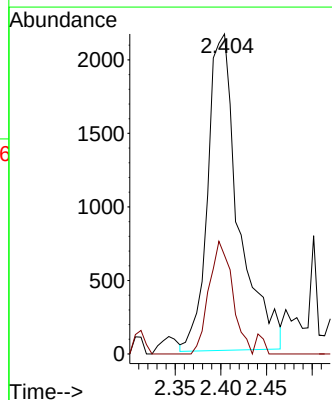
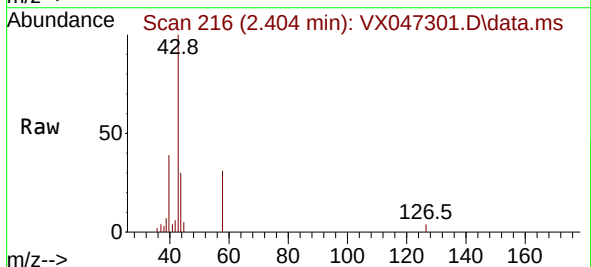
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-S

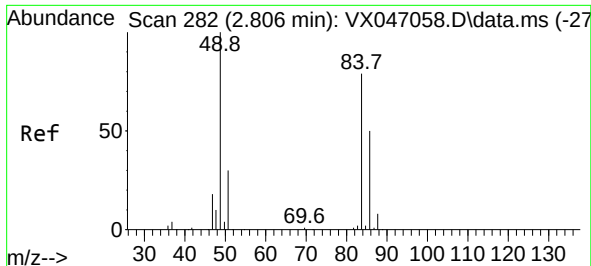
Tgt Ion:168 Resp: 217653
Ion Ratio Lower Upper
168 100
99 60.4 48.0 72.0



#16
Acetone
Concen: 4.674 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.019 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

Tgt Ion: 43 Resp: 5077
Ion Ratio Lower Upper
43 100
58 32.7 24.0 36.0

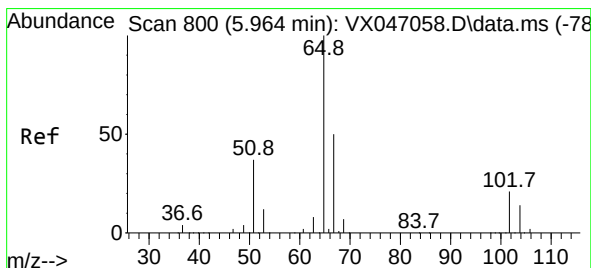
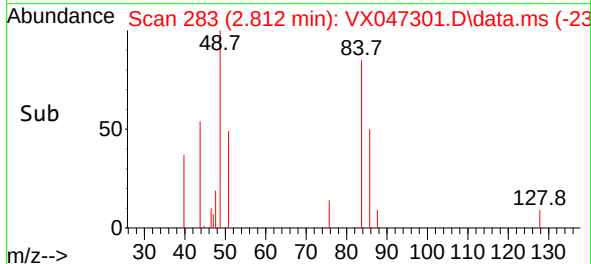
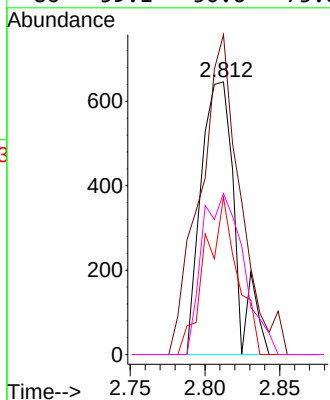
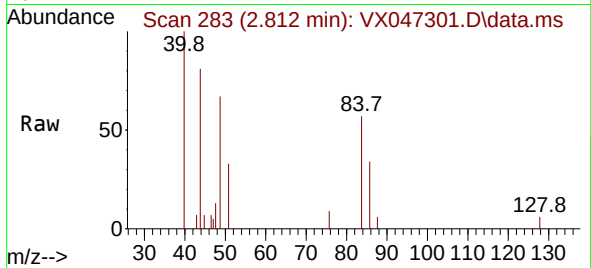




#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.812 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

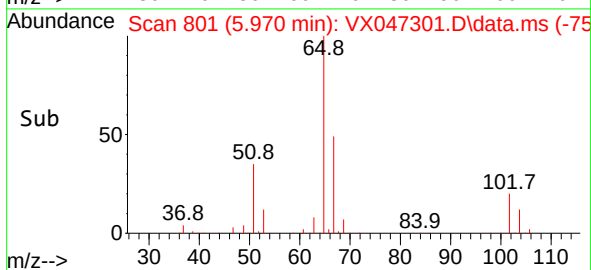
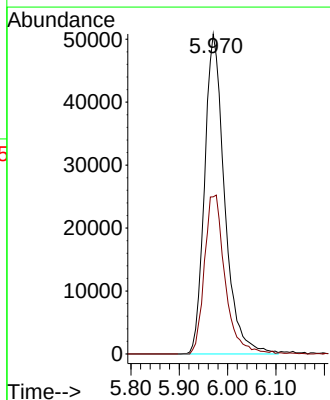
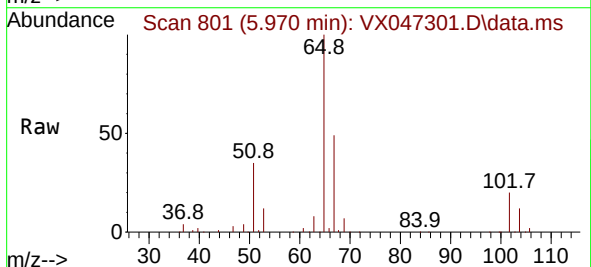
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-S

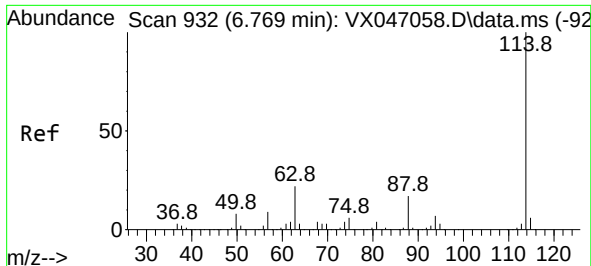
Tgt Ion: 84 Resp: 1021
Ion Ratio Lower Upper
84 100
49 103.3 101.6 152.4
51 57.7 30.3 45.5#
86 59.1 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 53.964 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

Tgt Ion: 65 Resp: 146310
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

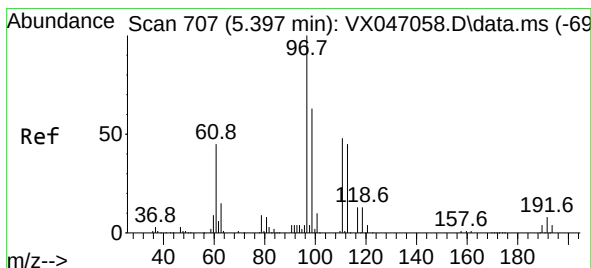
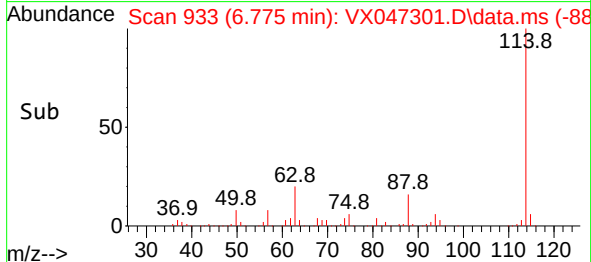
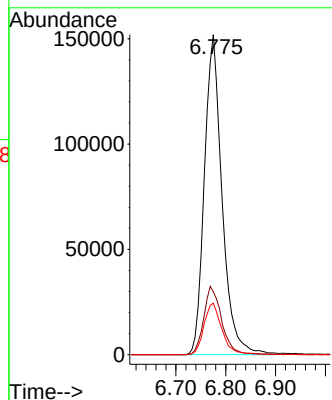
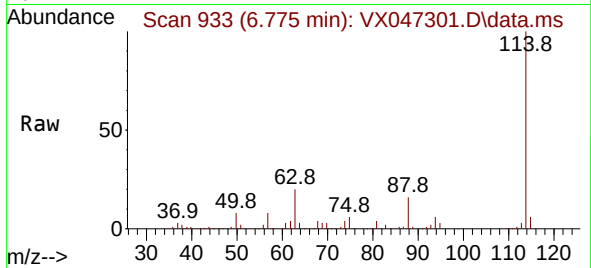




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

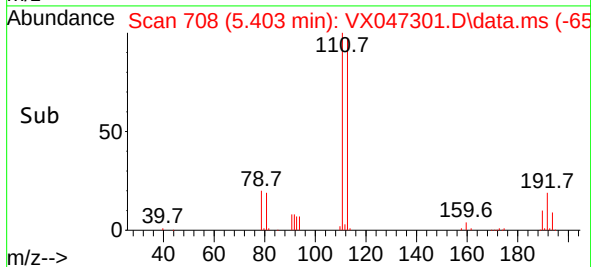
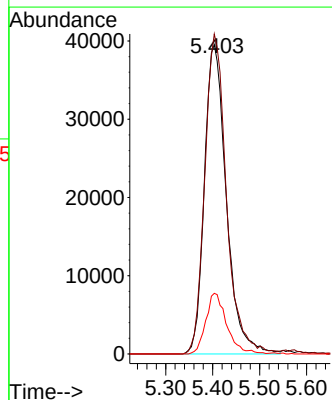
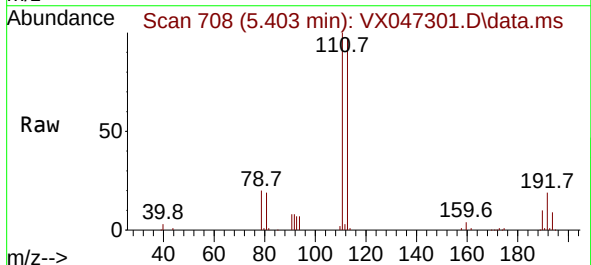
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-S

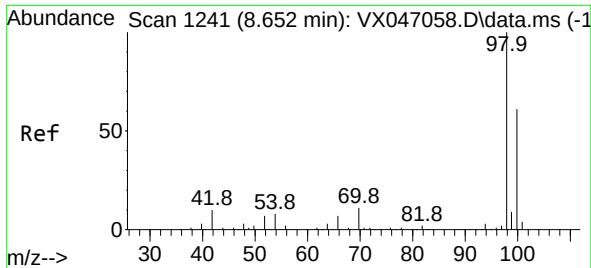
Tgt Ion:114 Resp: 374811
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 16.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 55.429 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

Tgt Ion:113 Resp: 128275
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.7 14.9 22.3

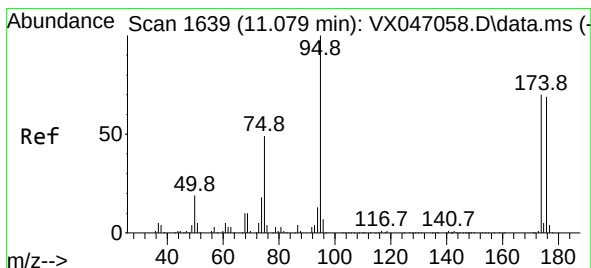
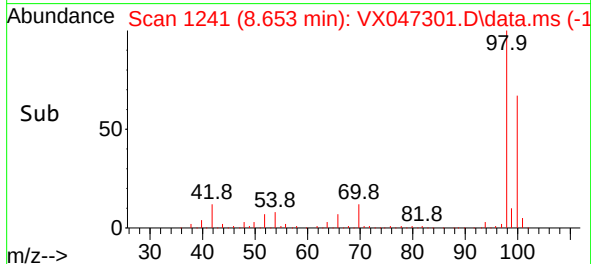
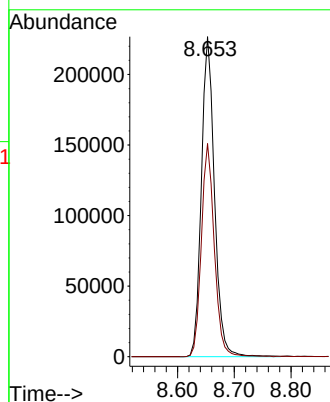
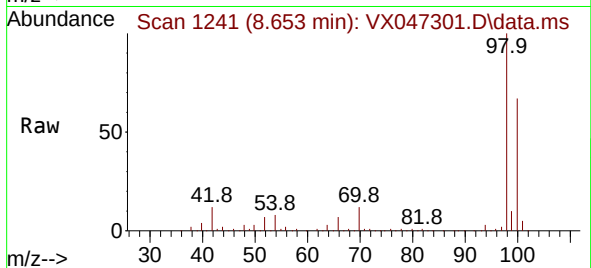




#50
Toluene-d8
Concen: 48.377 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

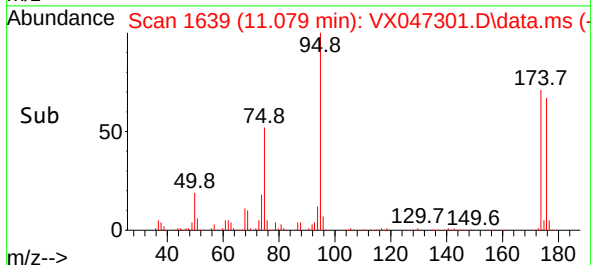
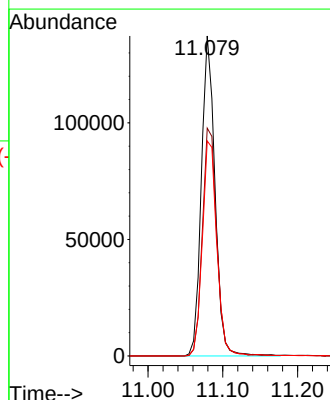
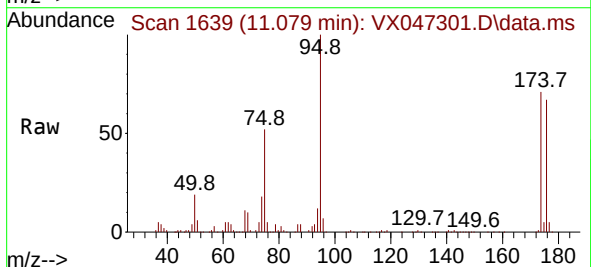
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-S

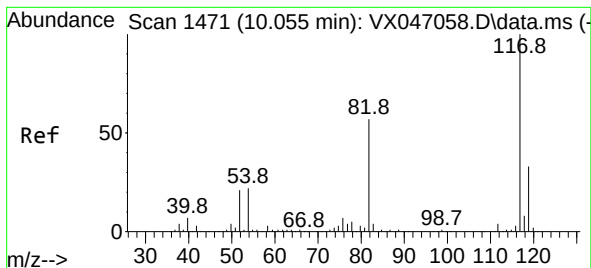
Tgt Ion: 98 Resp: 362560
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047301.D
Acq: 12 Aug 2025 16:44

Tgt Ion: 95 Resp: 173963
Ion Ratio Lower Upper
95 100
174 75.2 0.0 144.6
176 71.8 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: VX047301.D

Acq: 12 Aug 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

TW-38M-S

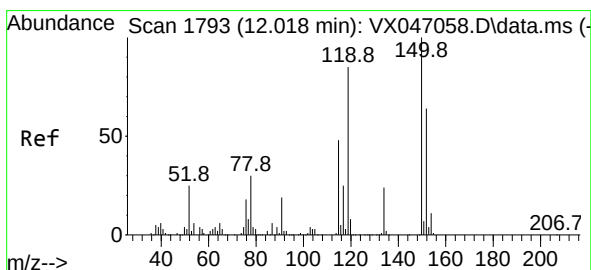
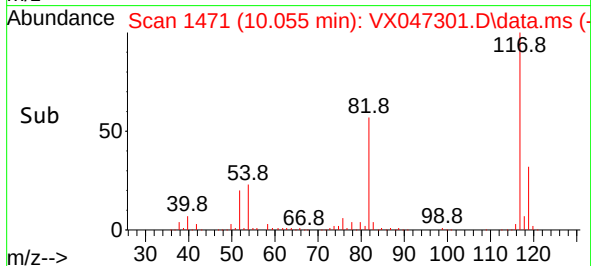
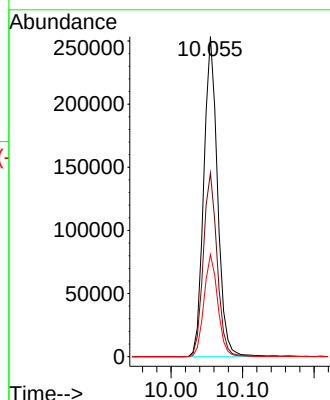
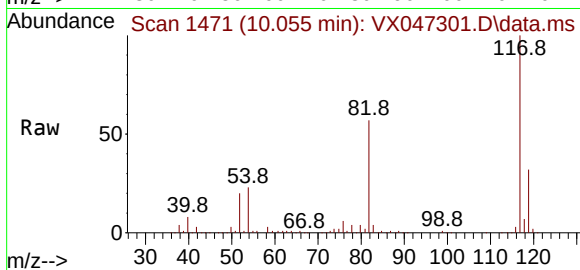
Tgt Ion:117 Resp: 339646

Ion Ratio Lower Upper

117 100

82 57.4 45.4 68.2

119 31.9 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: VX047301.D

Acq: 12 Aug 2025 16:44

Tgt Ion:152 Resp: 176128

Ion Ratio Lower Upper

152 100

115 62.4 45.6 136.7

150 155.4 0.0 354.6

