

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047333.D
 Acq On : 13 Aug 2025 19:07
 Operator : JC/MD
 Sample : Q2815-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-S

Quant Time: Aug 14 03:34:09 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)

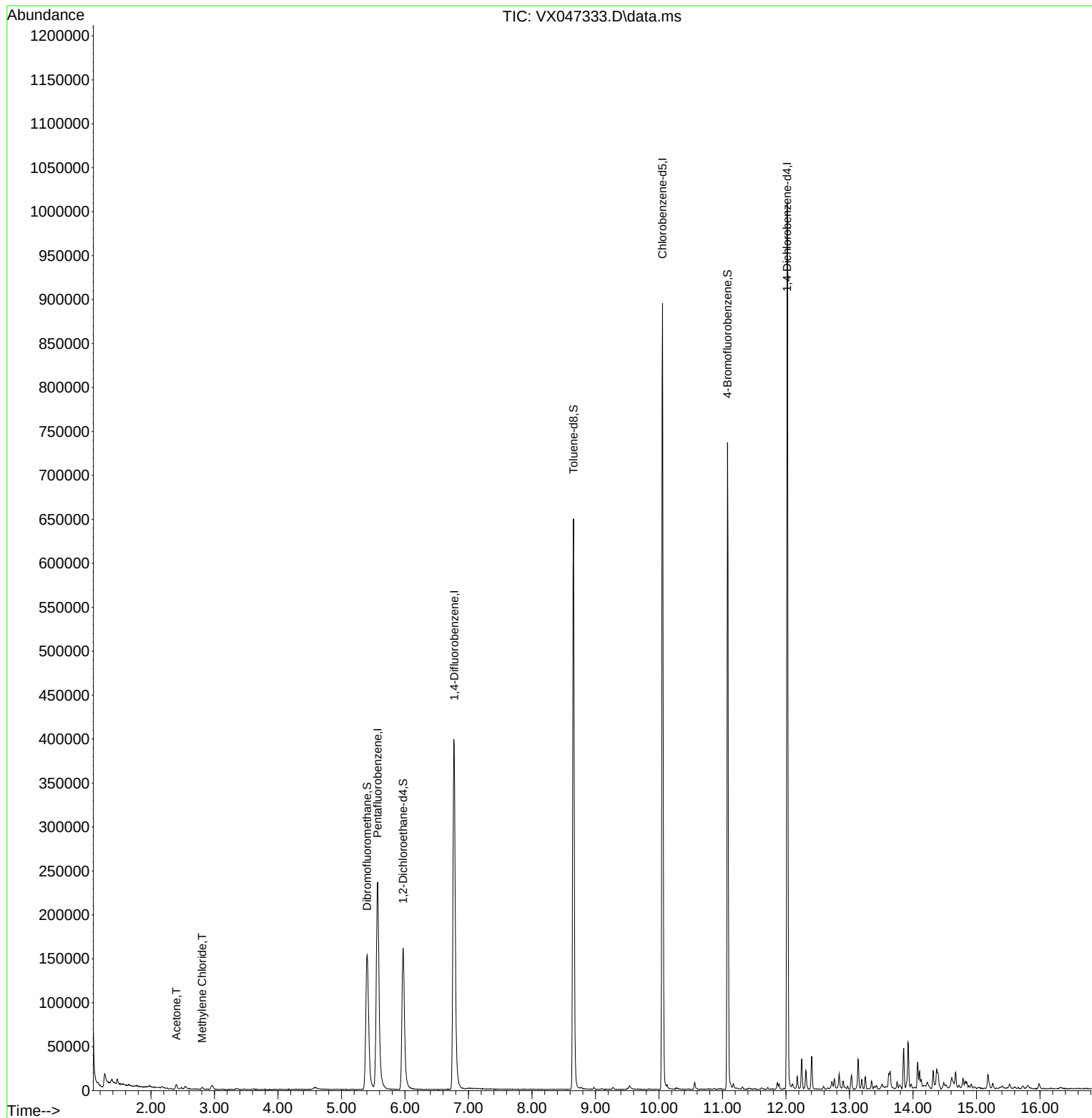
Internal Standards						
1) Pentafluorobenzene	5.568	168	233775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	432058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	172545	59.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.500%#	
35) Dibromofluoromethane	5.404	113	148312	55.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.200%	
50) Toluene-d8	8.653	98	396235	45.865	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.720%#	
62) 4-Bromofluorobenzene	11.079	95	197171	52.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.920%	
Target Compounds						Qvalue
16) Acetone	2.398	43	7541	6.464	ug/l	97
20) Methylene Chloride	2.806	84	953	0.297	ug/l #	76

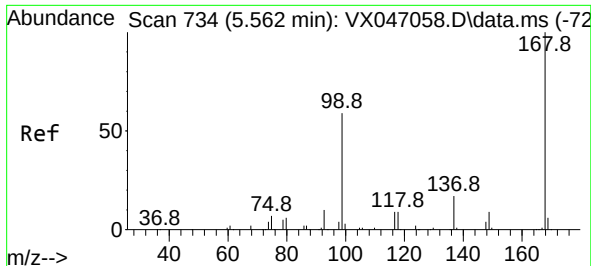
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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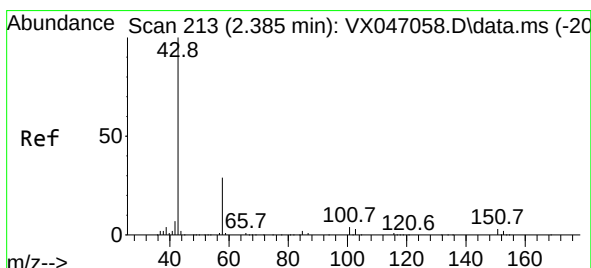
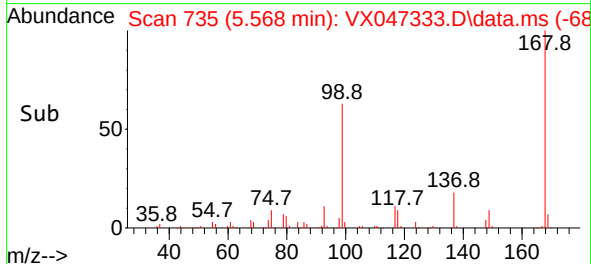
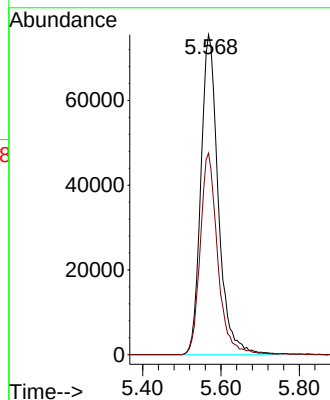
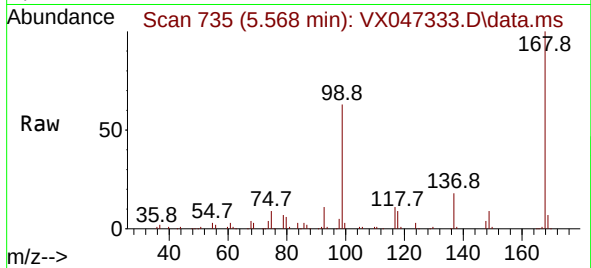




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

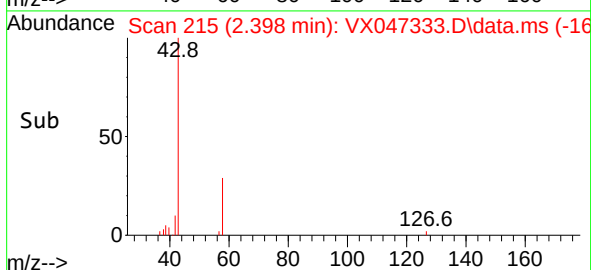
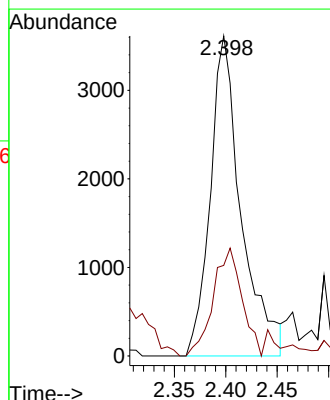
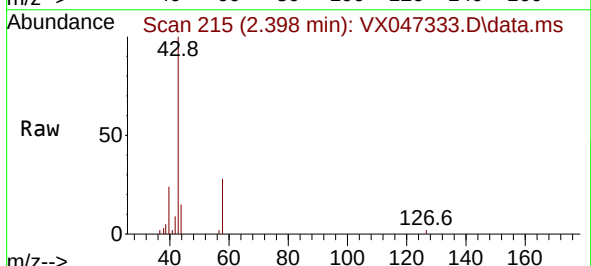
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-S

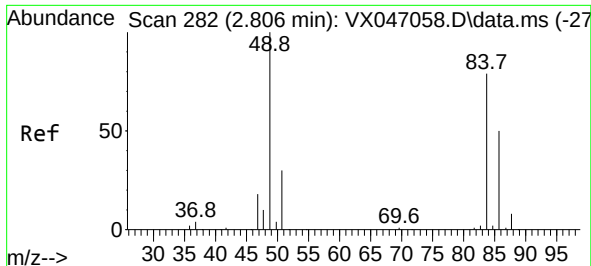
Tgt Ion:168 Resp: 233775
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#16
Acetone
Concen: 6.464 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

Tgt Ion: 43 Resp: 7541
Ion Ratio Lower Upper
43 100
58 31.5 24.0 36.0

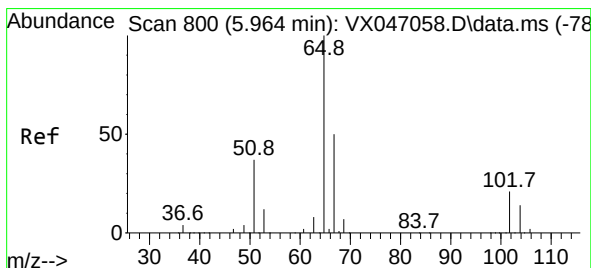
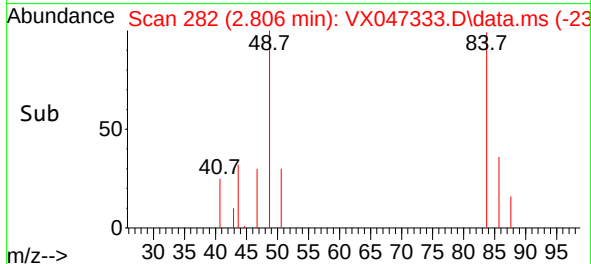
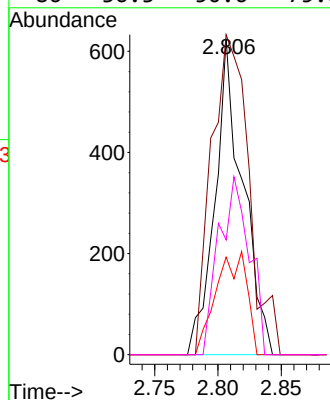
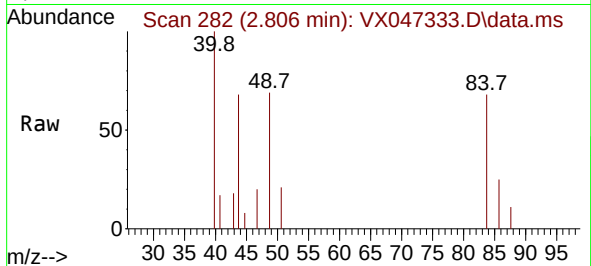




#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

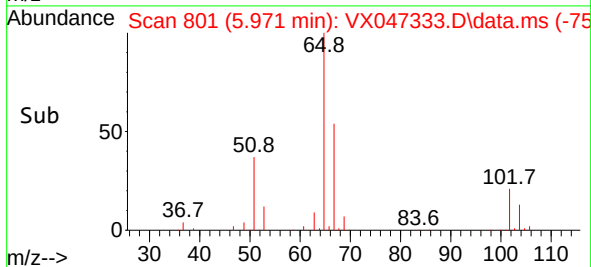
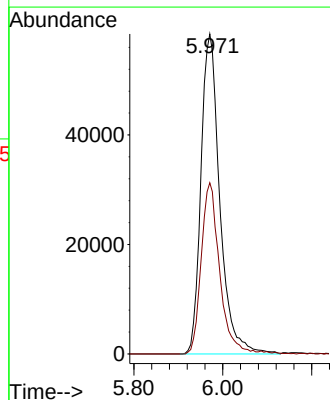
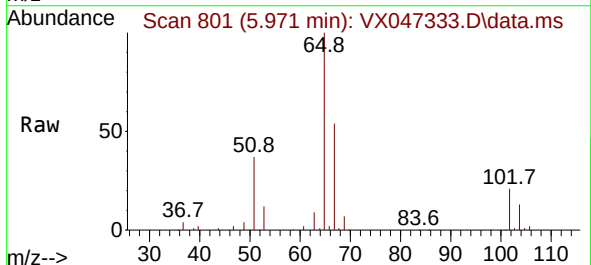
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-S

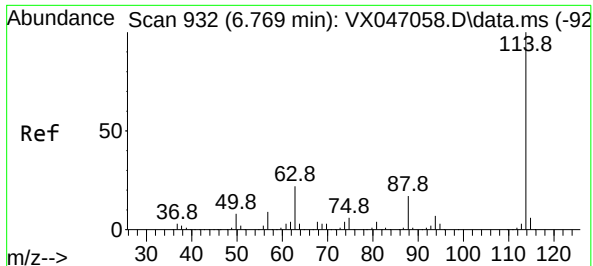
Tgt Ion:	84	Resp:	953
Ion	Ratio	Lower	Upper
84	100		
49	101.3	101.6	152.4#
51	30.9	30.3	45.5
86	36.3	50.6	75.8#



#33
1,2-Dichloroethane-d4
Concen: 59.251 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

Tgt Ion:	65	Resp:	172545
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.8

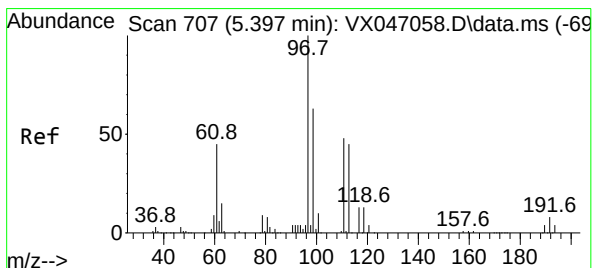
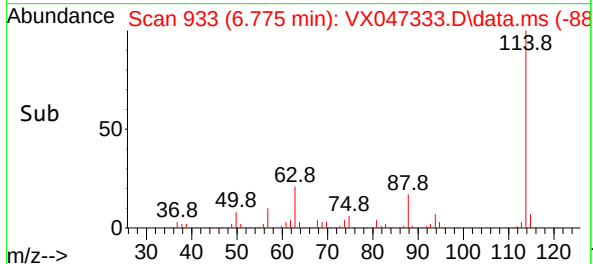
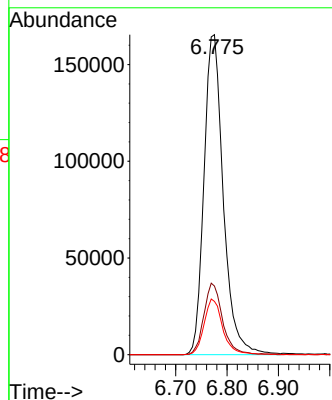
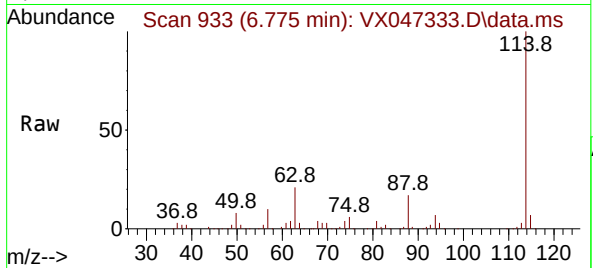




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.007 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

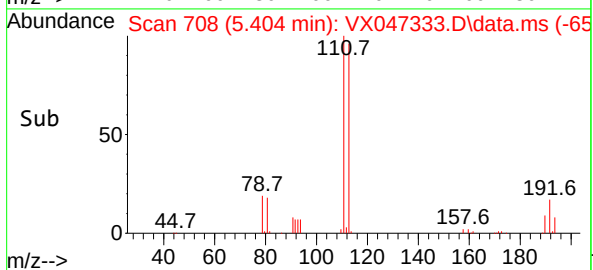
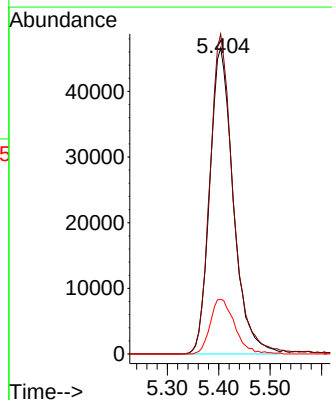
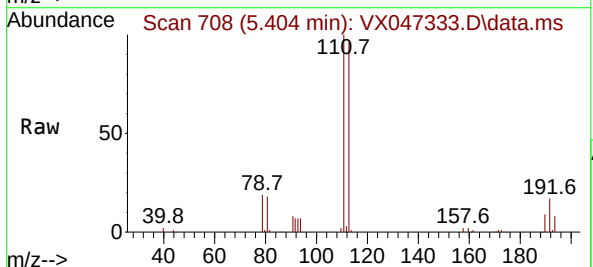
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-S

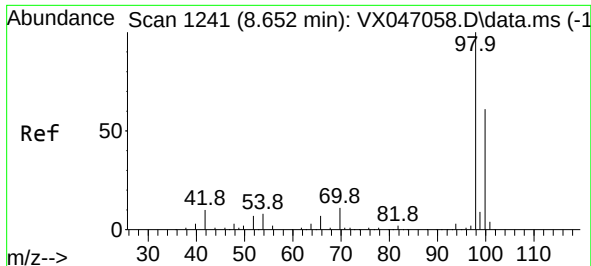
Tgt Ion:114 Resp: 432058
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 55.596 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

Tgt Ion:113 Resp: 148312
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.6 14.9 22.3

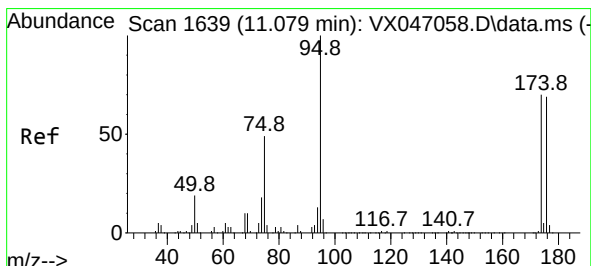
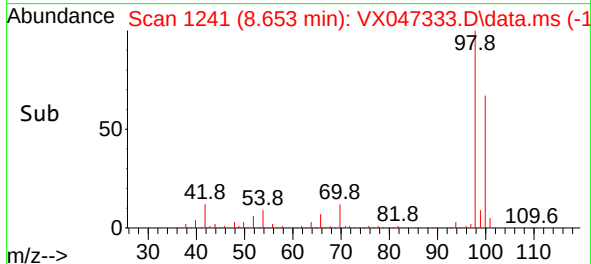
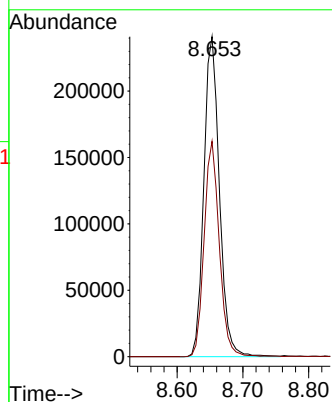
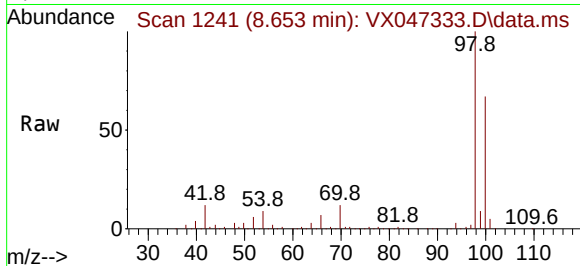




#50
Toluene-d8
Concen: 45.865 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

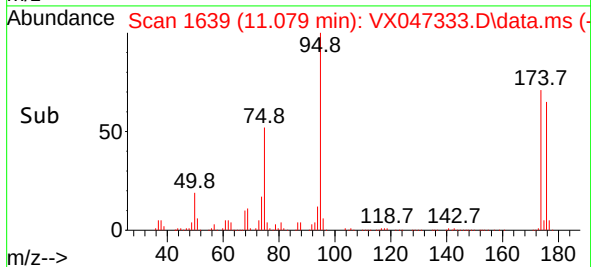
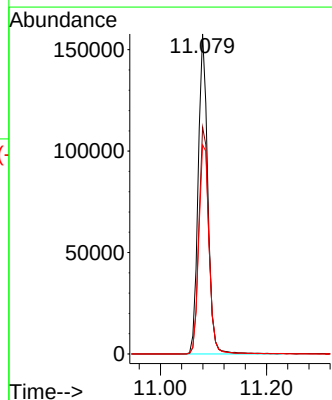
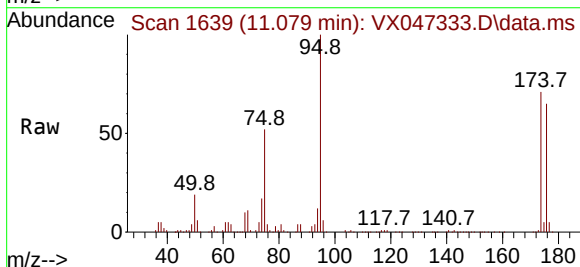
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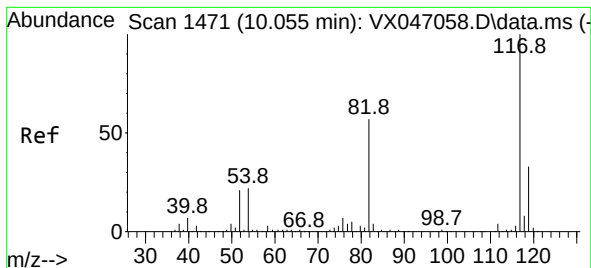
Tgt Ion: 98 Resp: 396235
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047333.D
Acq: 13 Aug 2025 19:07

Tgt Ion: 95 Resp: 197171
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.6
176 70.4 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: VX047333.D

Acq: 13 Aug 2025 19:07

Instrument :

MSVOA_X

ClientSampleId :

TW-88H-S

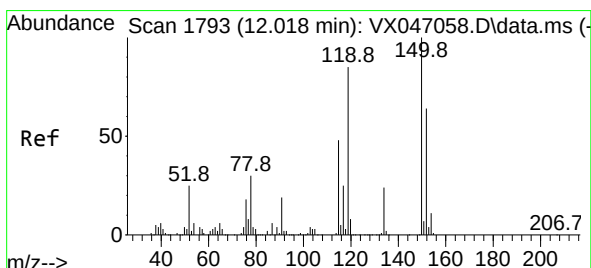
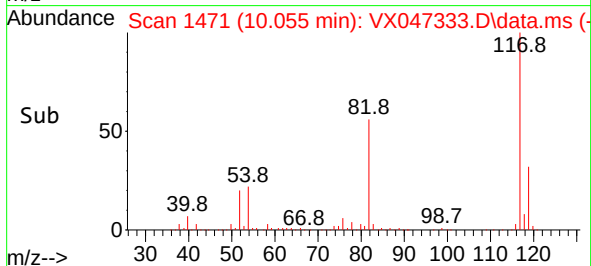
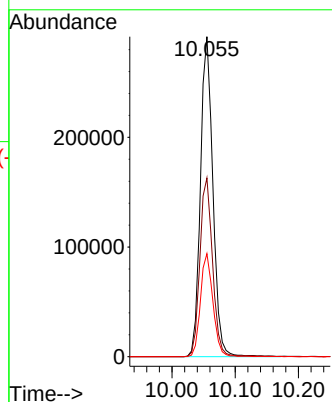
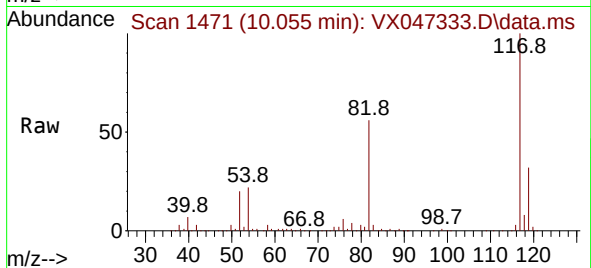
Tgt Ion:117 Resp: 400255

Ion Ratio Lower Upper

117 100

82 55.8 45.4 68.2

119 32.2 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: VX047333.D

Acq: 13 Aug 2025 19:07

Tgt Ion:152 Resp: 200667

Ion Ratio Lower Upper

152 100

115 63.3 45.6 136.7

150 158.9 0.0 354.6

