

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047436.D
 Acq On : 20 Aug 2025 12:54
 Operator : JC/MD
 Sample : Q2878-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-37.5-081425

Quant Time: Aug 21 01:30:22 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)

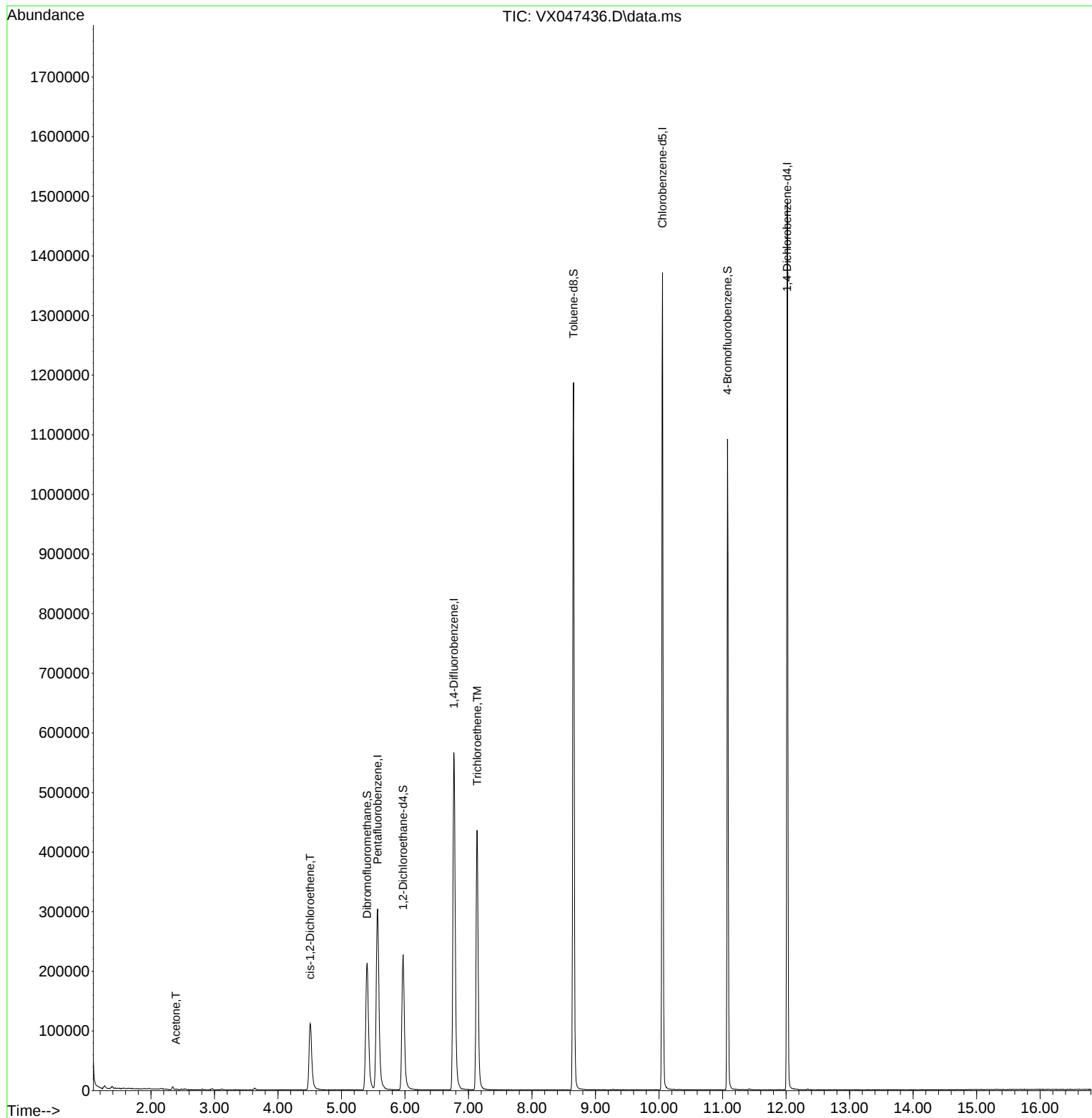
Internal Standards						
1) Pentafluorobenzene	5.568	168	305155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	611965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	593419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	294837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	234923	55.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.020%	
35) Dibromofluoromethane	5.403	113	202200	50.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.820%	
50) Toluene-d8	8.653	98	710130	50.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.079	95	287519	54.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.760%	
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1806	1.125	ug/l	# 32
27) cis-1,2-Dichloroethene	4.507	96	80065	16.857	ug/l	89
44) Trichloroethene	7.135	130	179149	37.283	ug/l	95

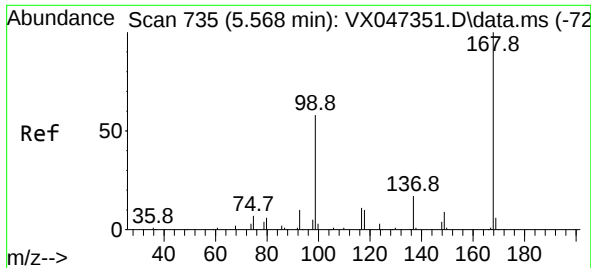
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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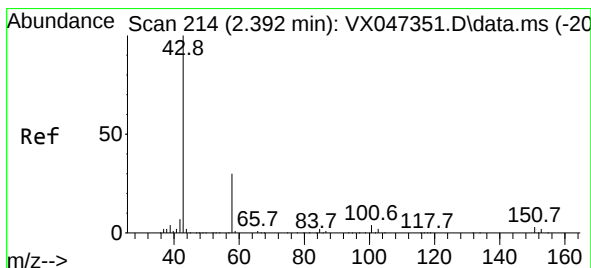
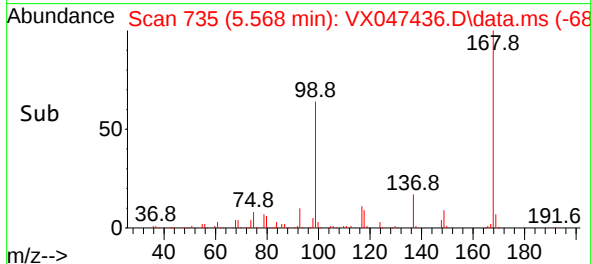
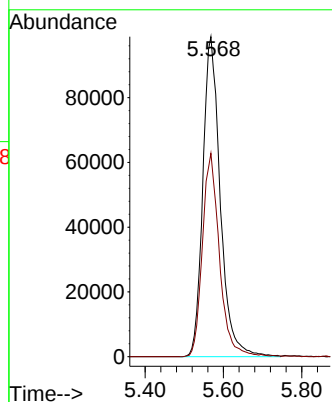
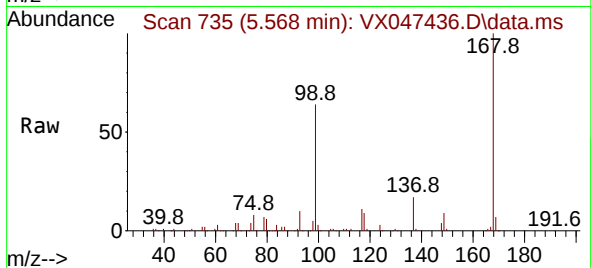




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

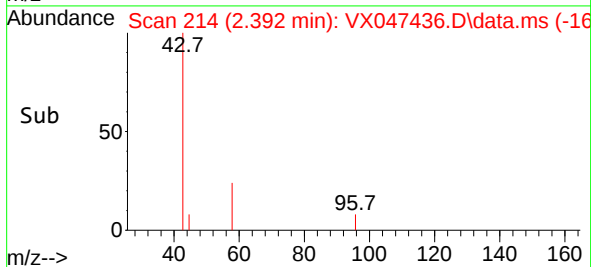
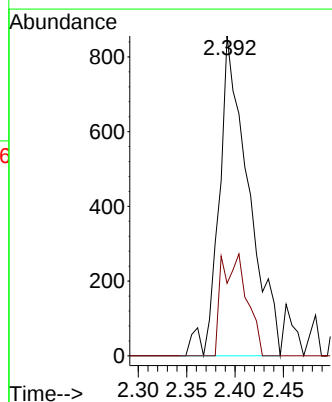
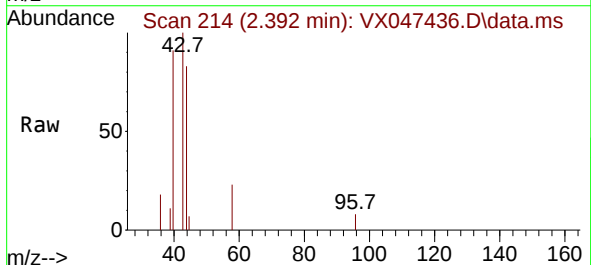
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-37.5-081425

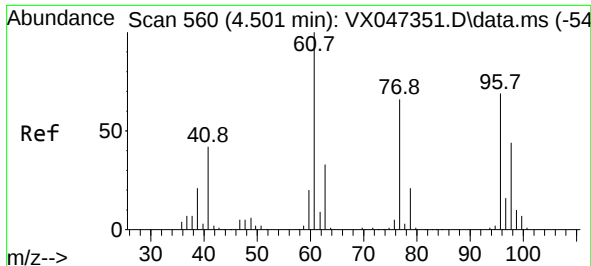
Tgt Ion:168 Resp: 305155
Ion Ratio Lower Upper
168 100
99 63.5 47.9 71.9



#16
Acetone
Concen: 1.125 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 68.6 24.8 37.2#





#27

cis-1,2-Dichloroethene

Concen: 16.857 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX047436.D

Acq: 20 Aug 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-37.5-081425

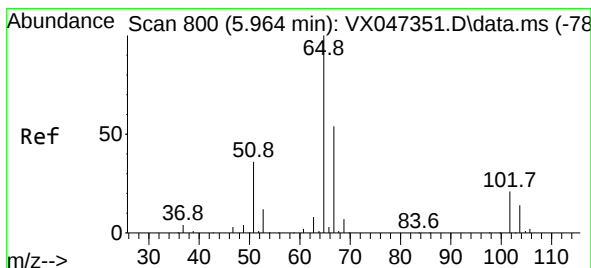
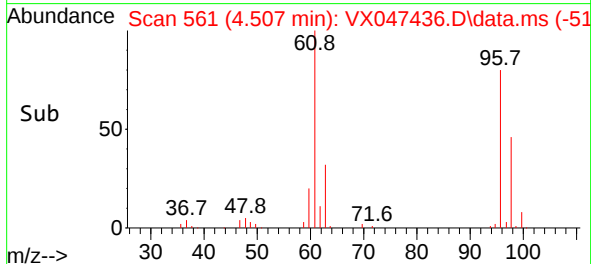
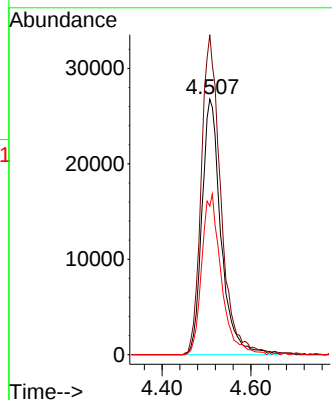
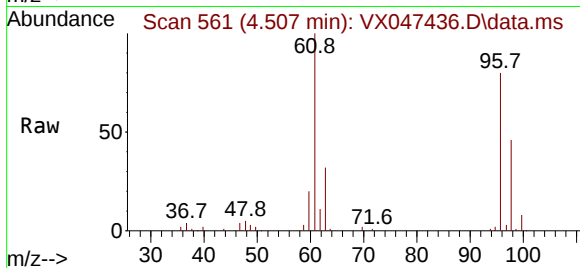
Tgt Ion: 96 Resp: 80065

Ion Ratio Lower Upper

96 100

61 129.1 0.0 296.6

98 64.2 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 55.008 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047436.D

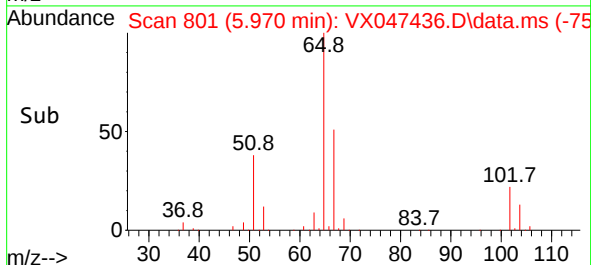
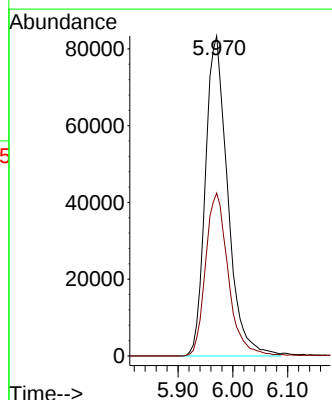
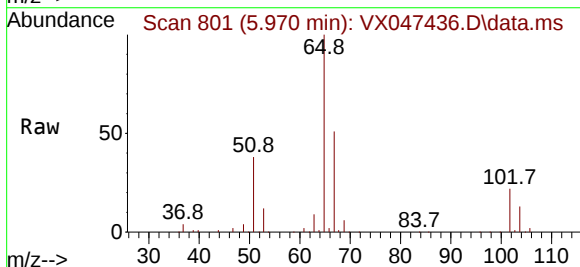
Acq: 20 Aug 2025 12:54

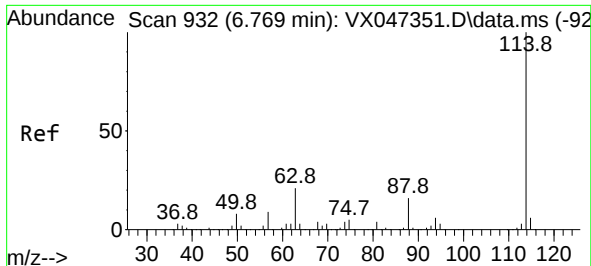
Tgt Ion: 65 Resp: 234923

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.0

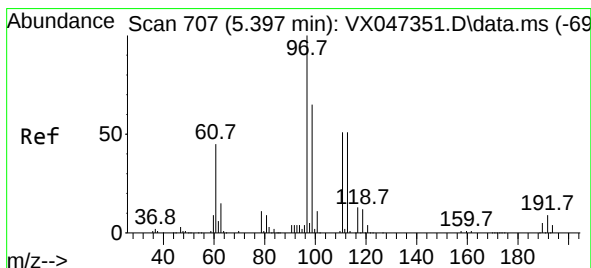
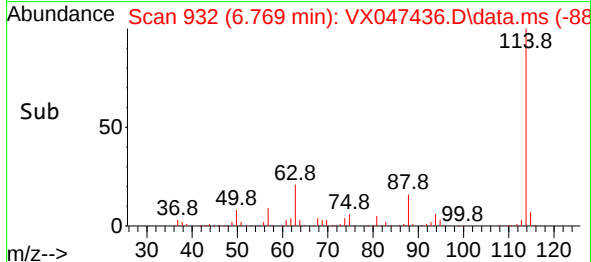
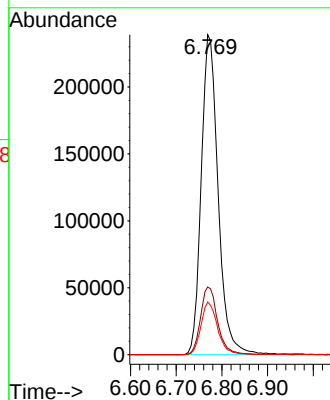
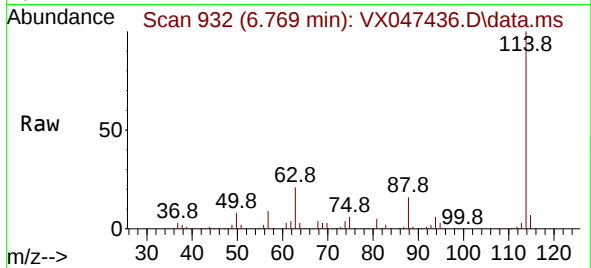




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

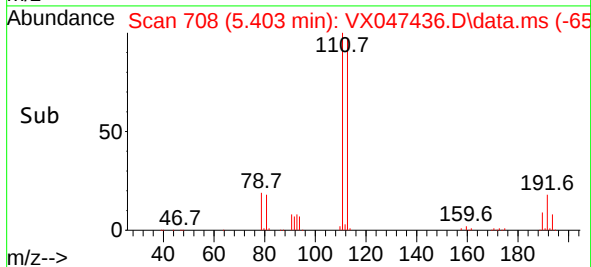
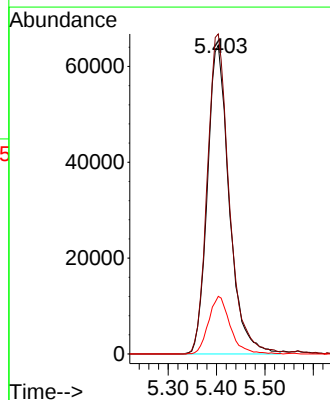
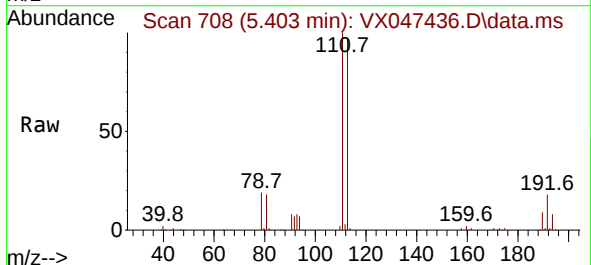
Instrument :
MSVOA_X
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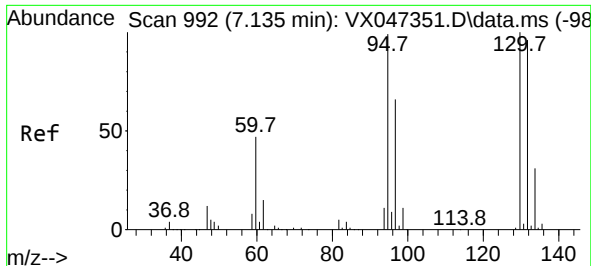
Tgt Ion:114 Resp: 611965
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.910 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

Tgt Ion:113 Resp: 202200
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.2
192 18.5 14.1 21.1

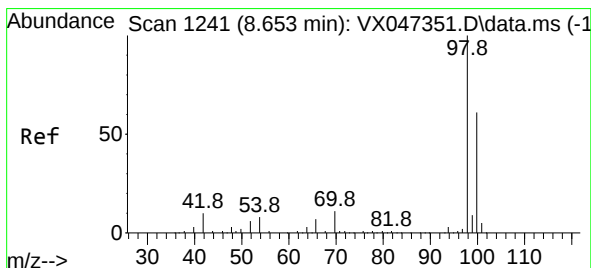
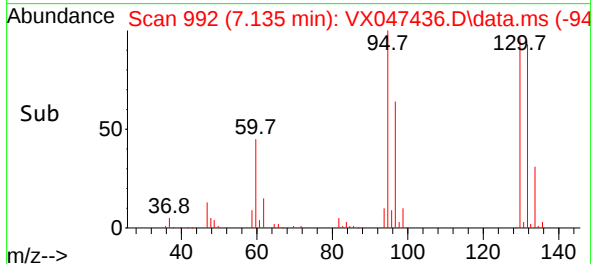
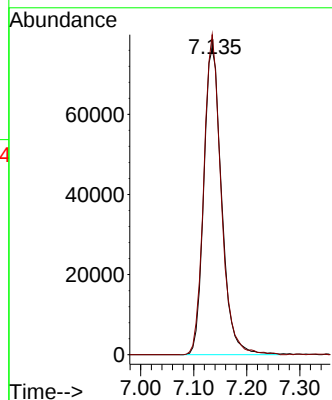
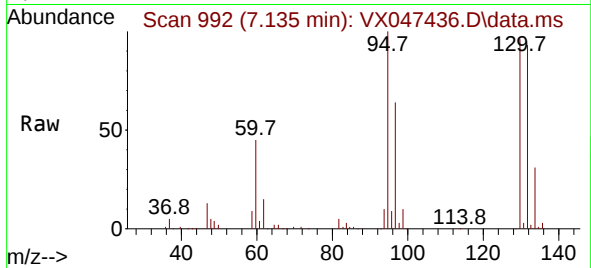




#44
Trichloroethene
Concen: 37.283 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

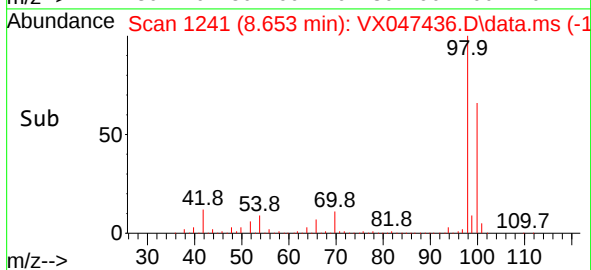
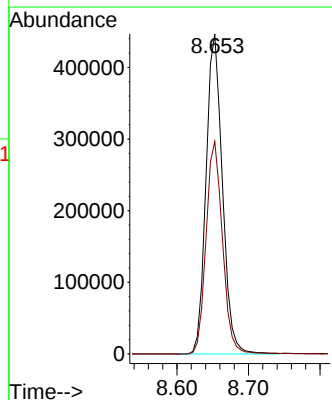
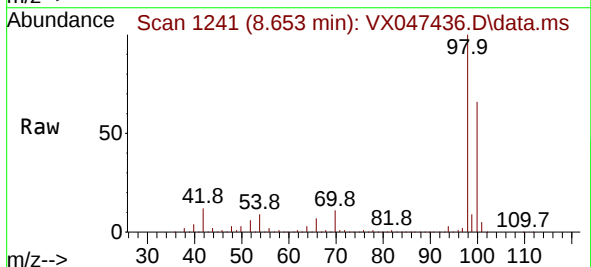
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-37.5-081425

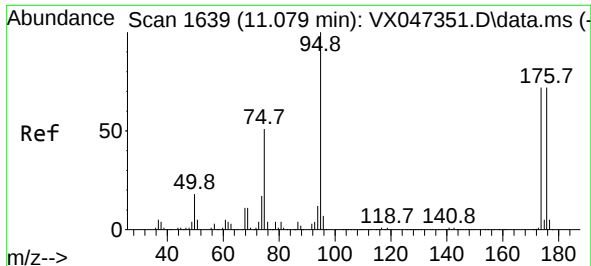
Tgt Ion:130 Resp: 179149
Ion Ratio Lower Upper
130 100
95 104.5 0.0 198.6



#50
Toluene-d8
Concen: 50.023 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

Tgt Ion: 98 Resp: 710130
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9

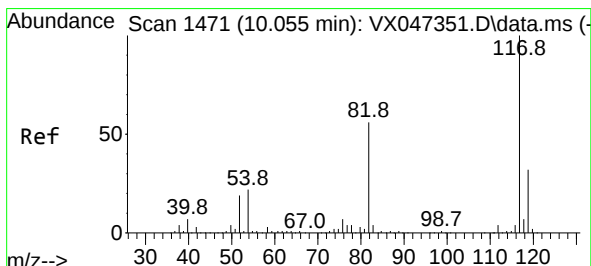
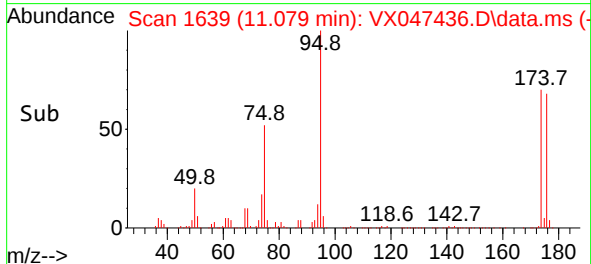
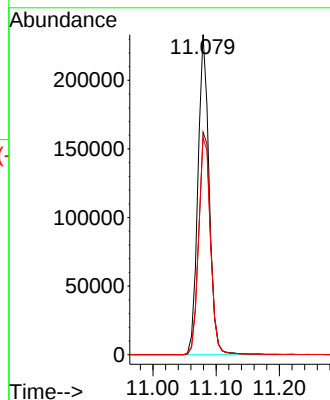
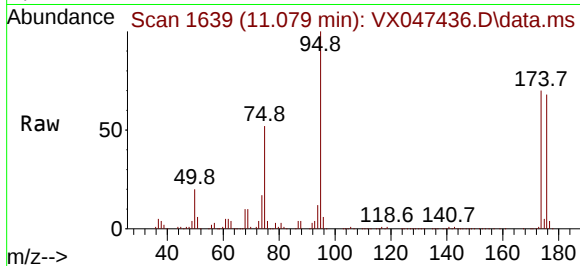




#62
4-Bromofluorobenzene
Concen: 54.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

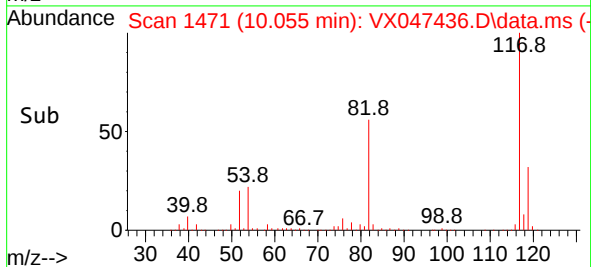
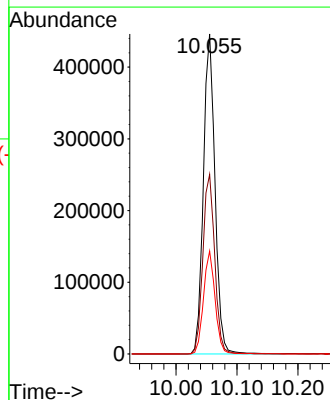
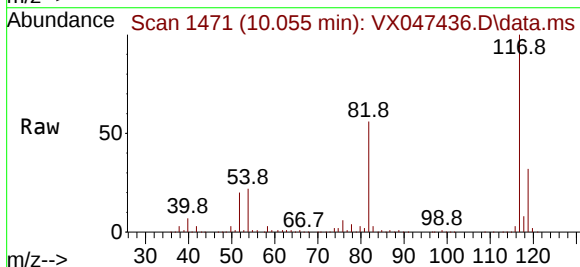
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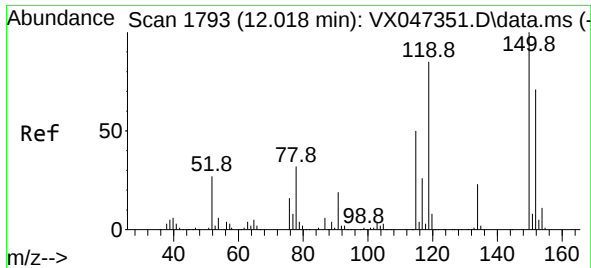
Tgt Ion: 95 Resp: 287519
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.0
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047436.D
Acq: 20 Aug 2025 12:54

Tgt Ion: 117 Resp: 593419
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 32.1 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: VX047436.D

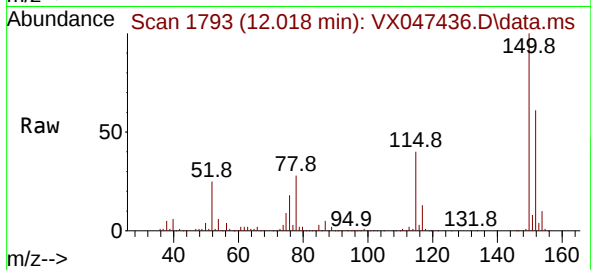
Acq: 20 Aug 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-37.5-081425



Tgt Ion:152 Resp: 294837

Ion Ratio Lower Upper

152 100

115 61.5 44.6 133.8

150 158.6 0.0 349.8

