

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048134.D
 Acq On : 13 Oct 2025 12:25
 Operator : JC/MD
 Sample : Q3311-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BA

Quant Time: Oct 14 01:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

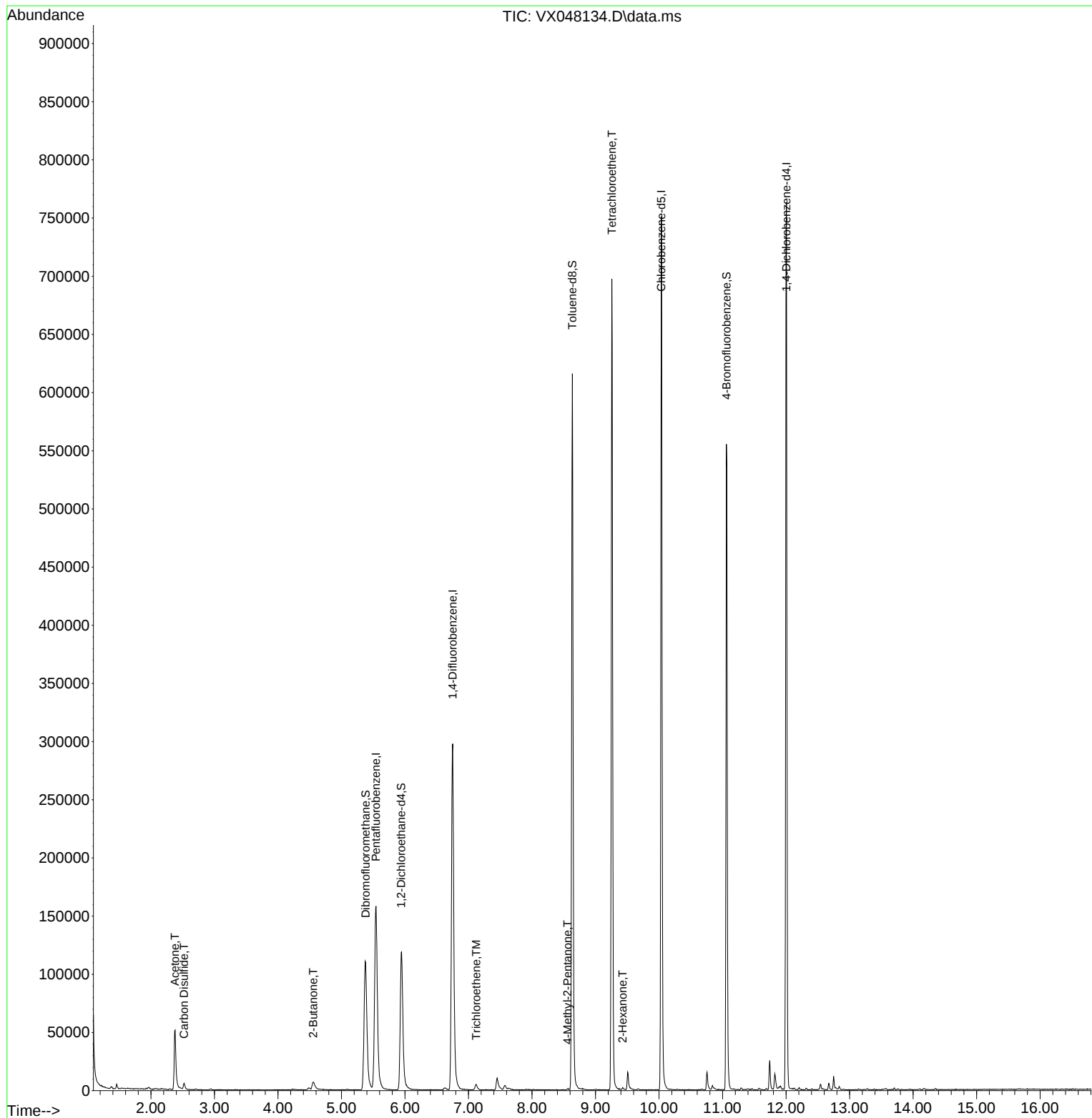
Internal Standards						
1) Pentafluorobenzene	5.544	168	158387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	323274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	331796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129189	51.243	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.480%	
35) Dibromofluoromethane	5.379	113	108295	49.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.900%	
50) Toluene-d8	8.635	98	373516	49.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	11.061	95	159213	55.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.840%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	68533	62.519	ug/l	100
17) Carbon Disulfide	2.520	76	3341	0.649	ug/l	96
25) 2-Butanone	4.556	43	14658	10.720	ug/l	92
44) Trichloroethene	7.123	130	2166	0.931	ug/l	79
51) 4-Methyl-2-Pentanone	8.561	43	957	0.310	ug/l #	65
59) 2-Hexanone	9.427	43	1597	0.721	ug/l	87
64) Tetrachloroethene	9.256	164	130759	60.454	ug/l	99

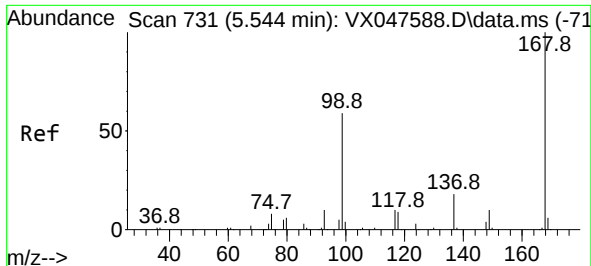
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048134.D
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Operator : JC/MD
Sample : Q3311-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Quant Time: Oct 14 01:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

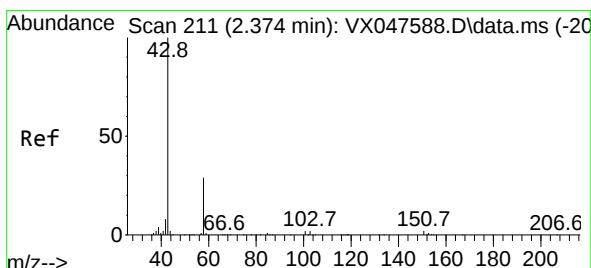
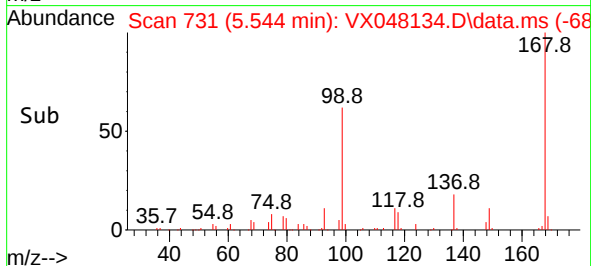
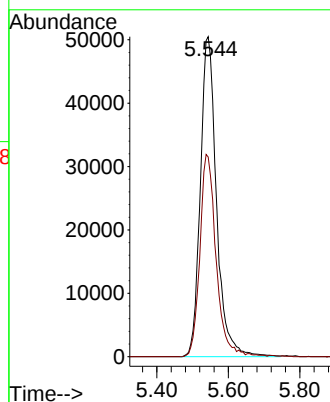
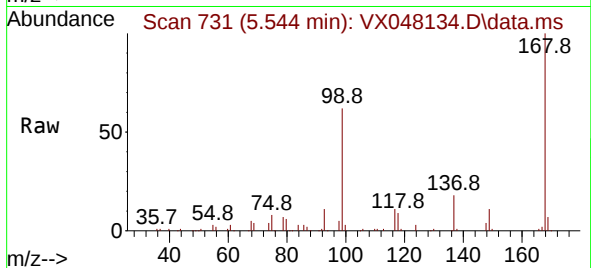




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

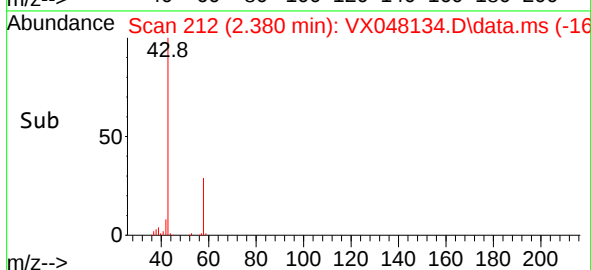
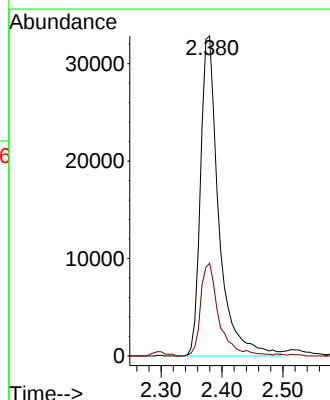
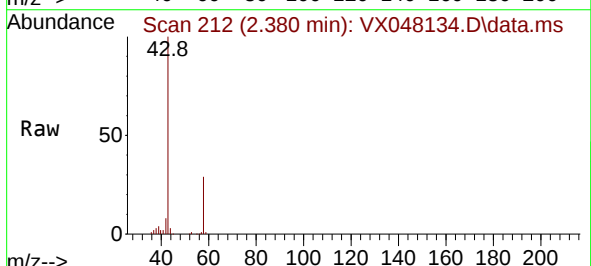
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

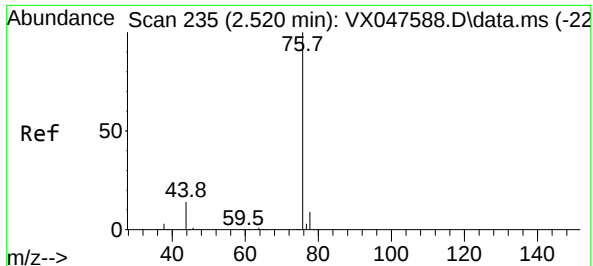
Tgt Ion:168 Resp: 158387
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2



#16
Acetone
Concen: 62.519 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion: 43 Resp: 68533
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0

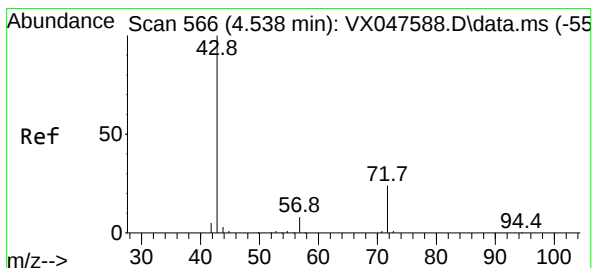
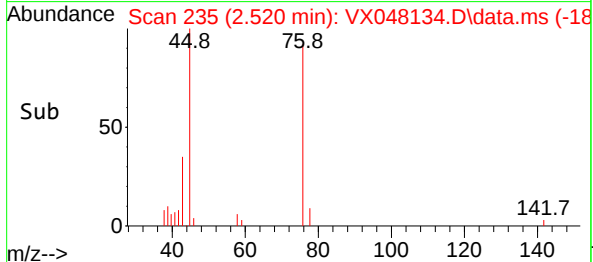
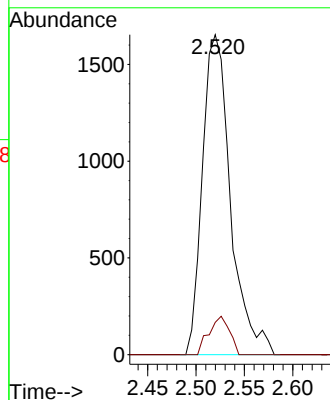
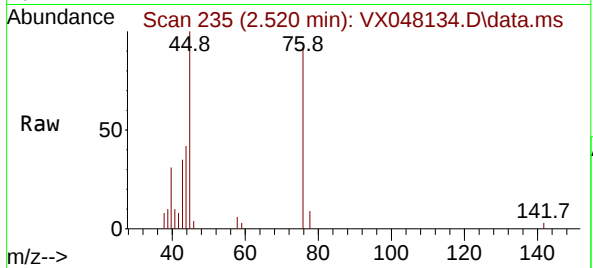




#17
Carbon Disulfide
Concen: 0.649 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

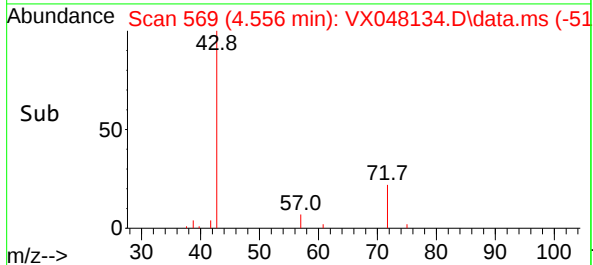
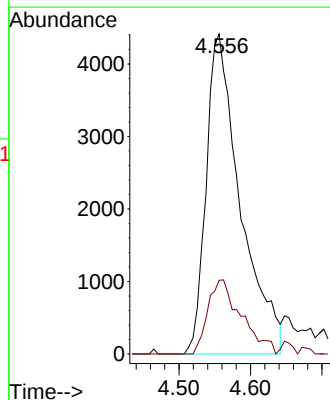
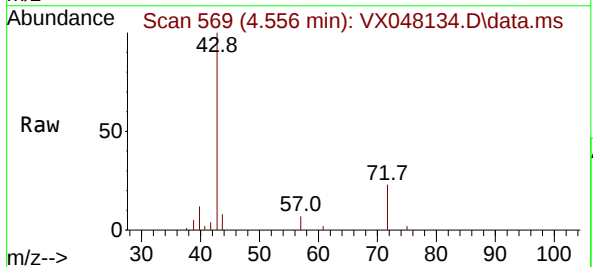
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion: 76 Resp: 3341
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#25
2-Butanone
Concen: 10.720 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion: 43 Resp: 14658
Ion Ratio Lower Upper
43 100
72 21.3 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 51.243 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048134.D

Acq: 13 Oct 2025 12:25

Instrument :

MSVOA_X

ClientSampleId :

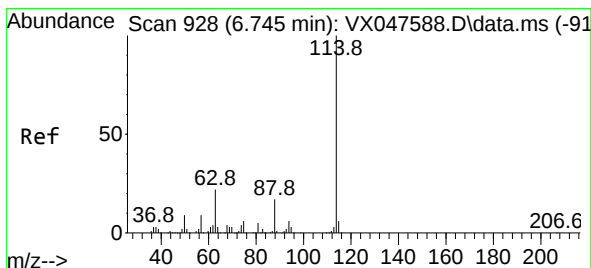
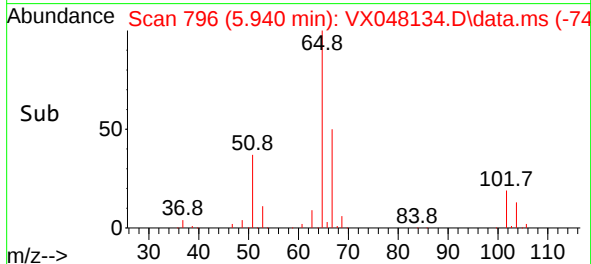
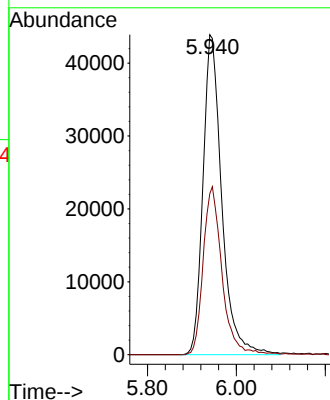
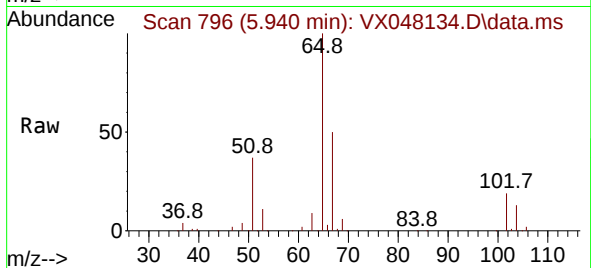
MW-5BA

Tgt Ion: 65 Resp: 129189

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048134.D

Acq: 13 Oct 2025 12:25

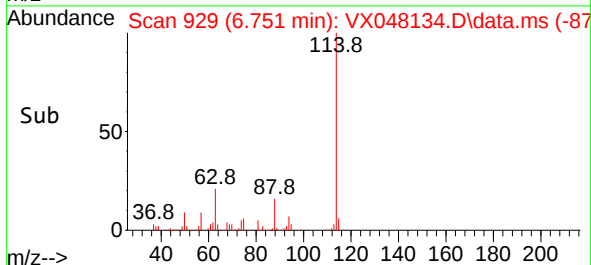
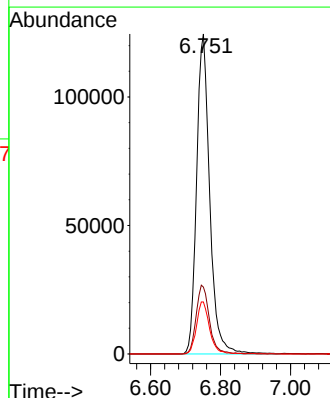
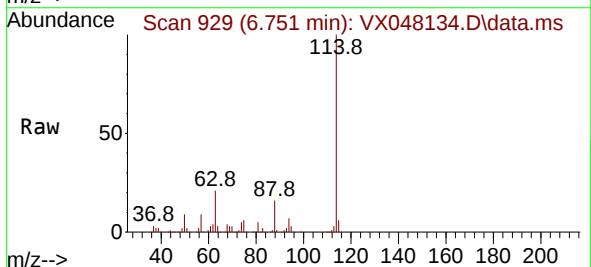
Tgt Ion: 114 Resp: 323274

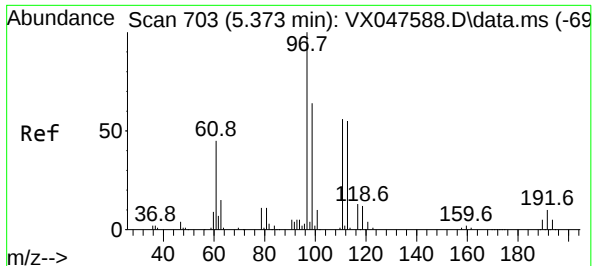
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

88 16.2 0.0 34.2

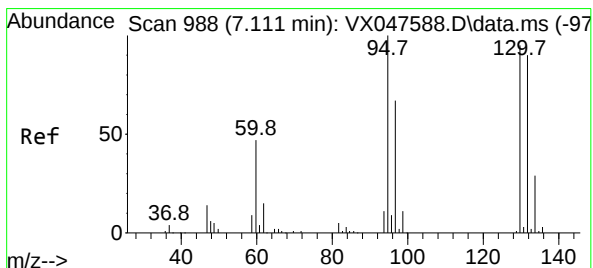
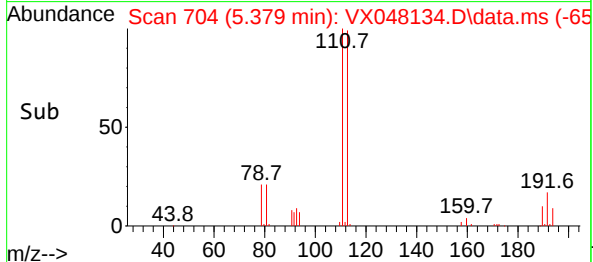
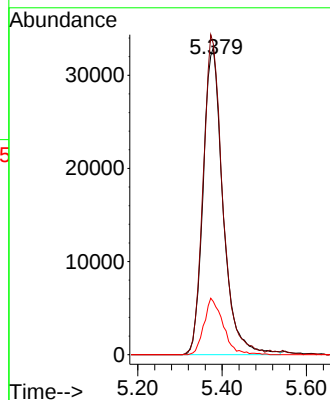
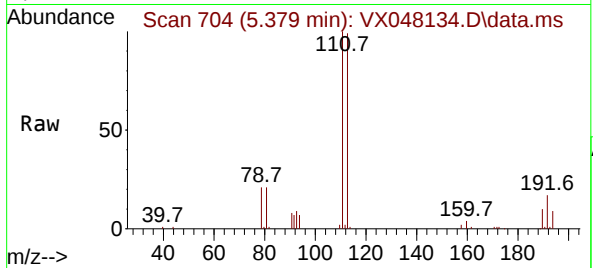




#35
Dibromofluoromethane
Concen: 49.950 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

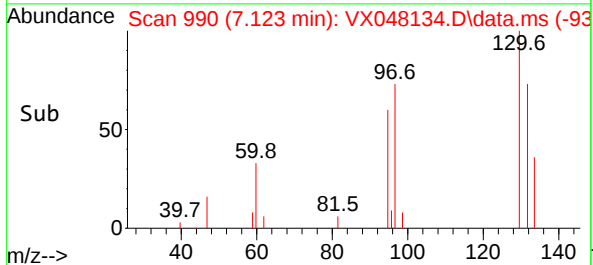
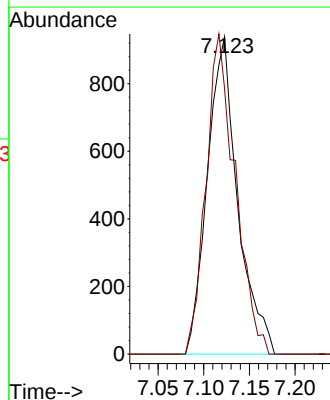
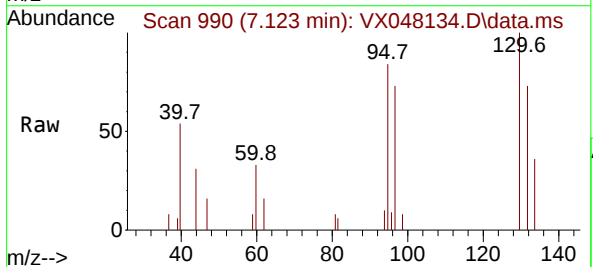
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

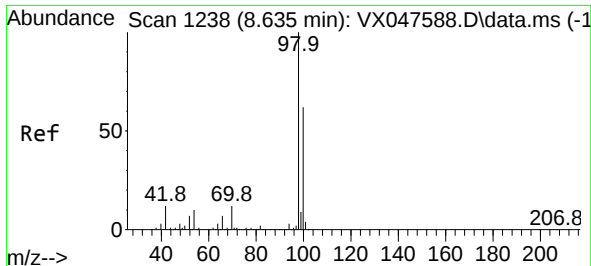
Tgt Ion:113 Resp: 108295
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.8 14.2 21.4



#44
Trichloroethene
Concen: 0.931 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion:130 Resp: 2166
Ion Ratio Lower Upper
130 100
95 83.8 0.0 210.8

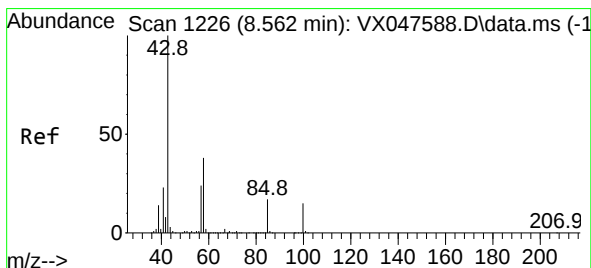
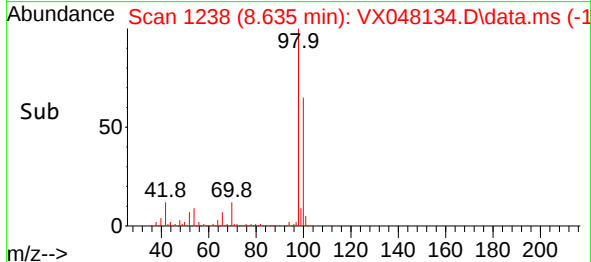
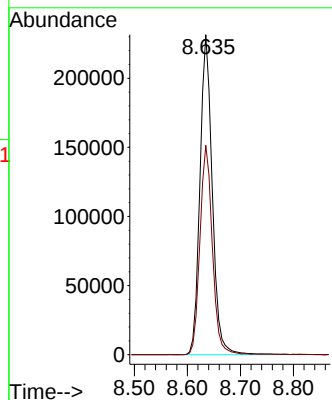
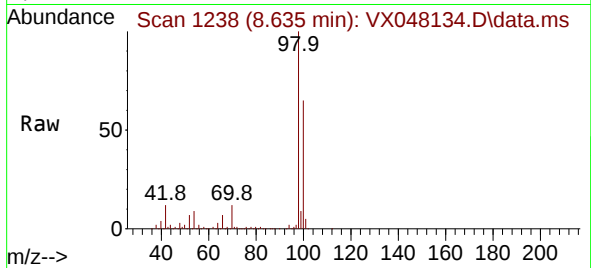




#50
Toluene-d8
Concen: 49.790 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

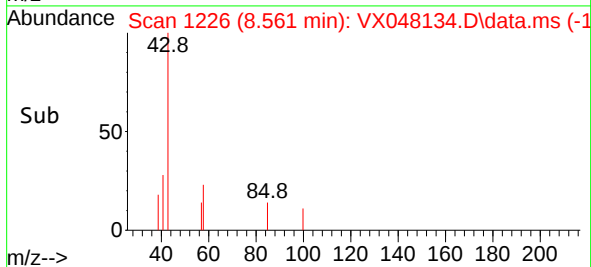
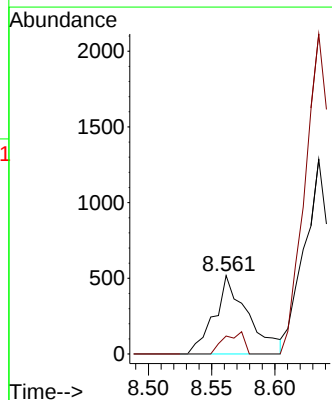
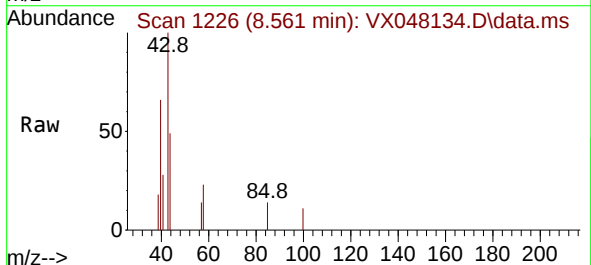
Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

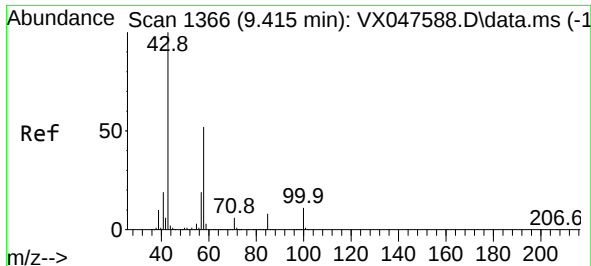
Tgt Ion: 98 Resp: 373516
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.310 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
58 16.8 30.3 45.5#





#59

2-Hexanone

Concen: 0.721 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX048134.D

Acq: 13 Oct 2025 12:25

Instrument :

MSVOA_X

ClientSampleId :

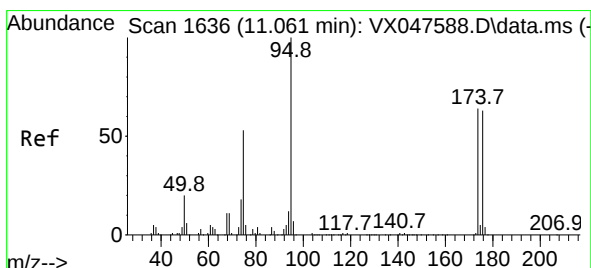
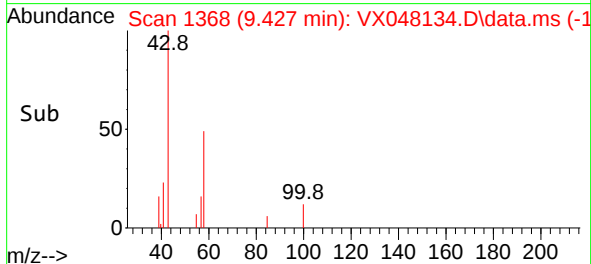
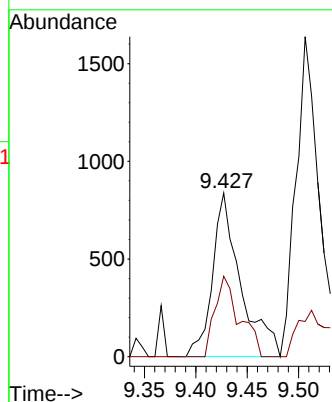
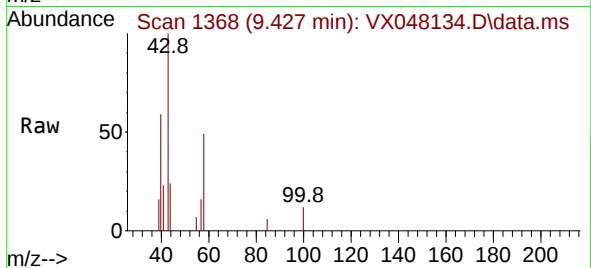
MW-5BA

Tgt Ion: 43 Resp: 1597

Ion Ratio Lower Upper

43 100

58 43.0 26.1 78.2



#62

4-Bromofluorobenzene

Concen: 55.921 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048134.D

Acq: 13 Oct 2025 12:25

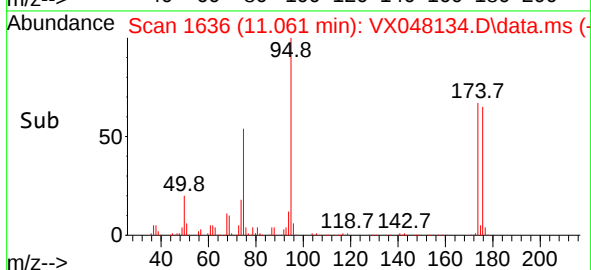
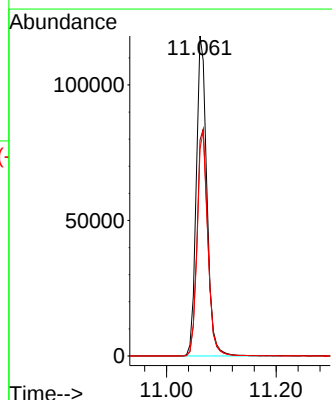
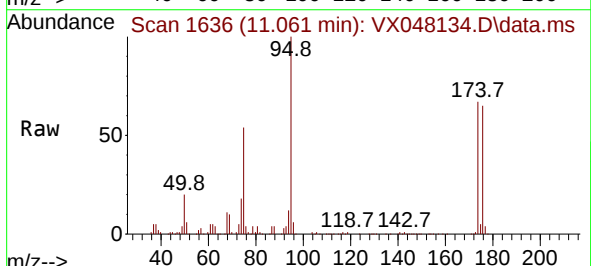
Tgt Ion: 95 Resp: 159213

Ion Ratio Lower Upper

95 100

174 72.1 0.0 141.6

176 70.4 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048134.D

Acq: 13 Oct 2025 12:25

Instrument :

MSVOA_X

ClientSampleId :

MW-5BA

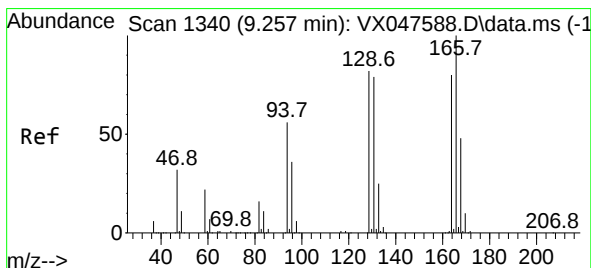
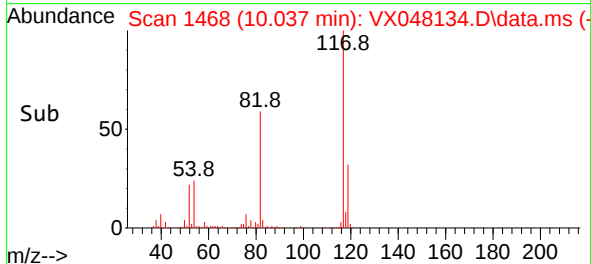
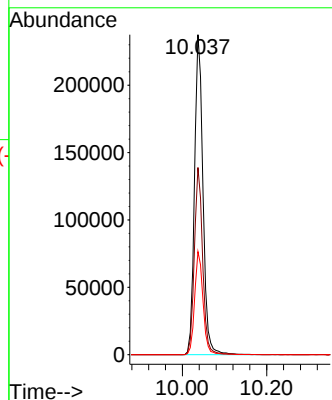
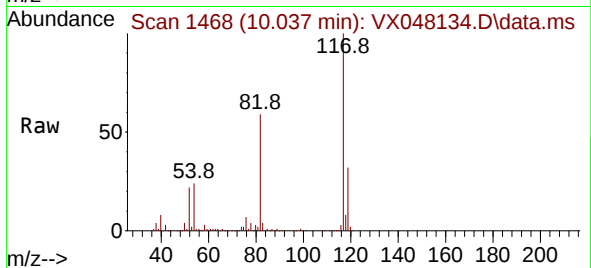
Tgt Ion:117 Resp: 331796

Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.6

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 60.454 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048134.D

Acq: 13 Oct 2025 12:25

Tgt Ion:164 Resp: 130759

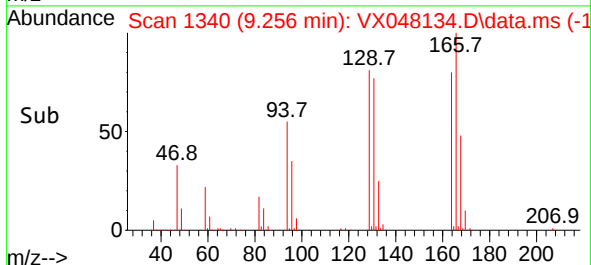
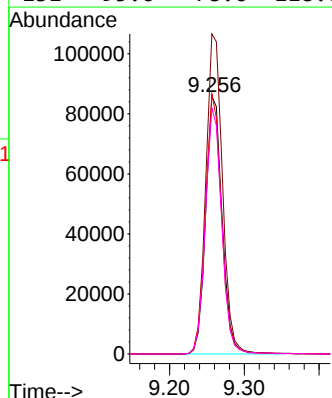
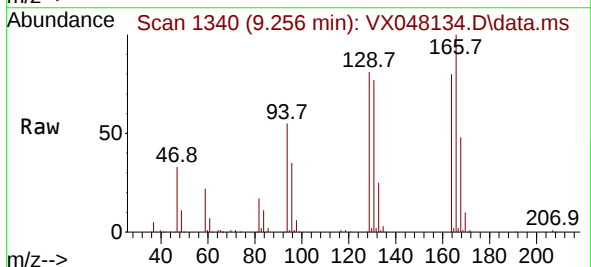
Ion Ratio Lower Upper

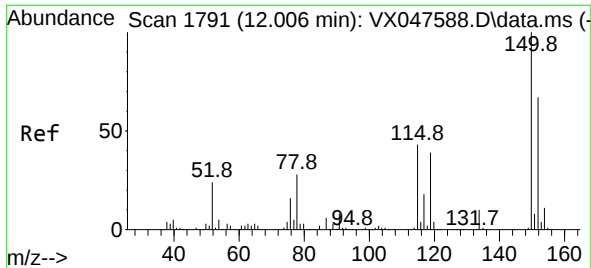
164 100

166 124.3 100.2 150.2

129 101.1 81.8 122.6

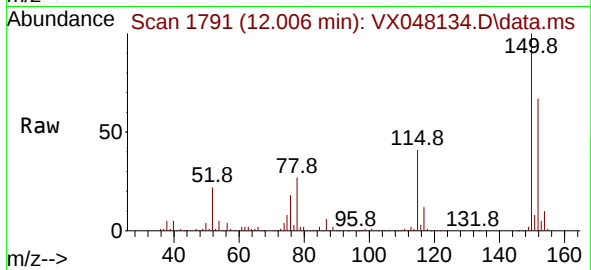
131 95.6 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048134.D
 Acq: 13 Oct 2025 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BA



Tgt Ion:152 Resp: 163977
 Ion Ratio Lower Upper
 152 100
 115 63.1 44.9 134.5
 150 156.2 0.0 352.0

