

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047740.D
 Acq On : 23 Sep 2025 17:36
 Operator : JC/MD
 Sample : Q3097-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250912

Quant Time: Sep 24 01:37:11 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)

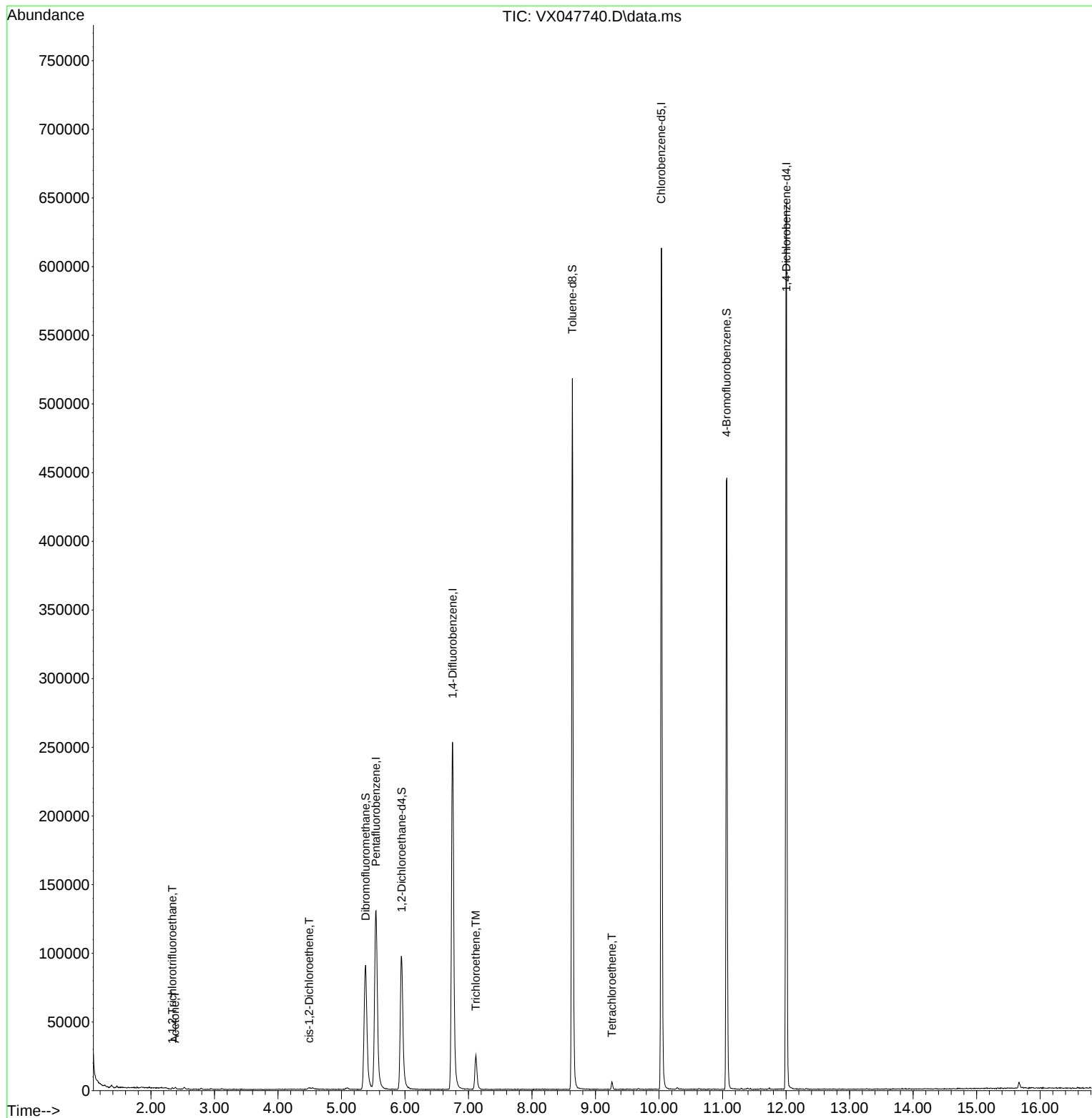
Internal Standards						
1) Pentafluorobenzene	5.544	168	132076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107026	50.909	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.820%		
35) Dibromofluoromethane	5.379	113	90188	48.108	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.220%		
50) Toluene-d8	8.634	98	312762	48.215	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.420%		
62) 4-Bromofluorobenzene	11.061	95	131138	53.268	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.540%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	462	0.302	ug/l #	74
16) Acetone	2.380	43	1247	1.364	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	943	0.456	ug/l	71
44) Trichloroethene	7.116	130	10630	5.285	ug/l	98
64) Tetrachloroethene	9.256	164	990	0.545	ug/l	88

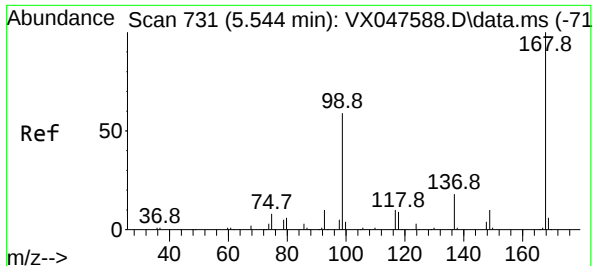
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE134D1-20250912

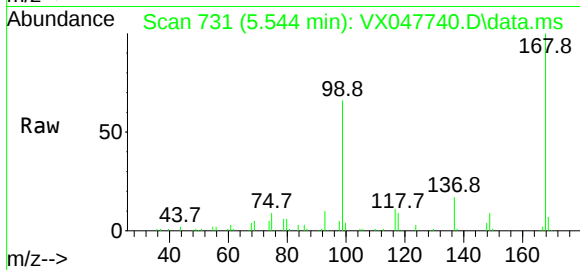
Quant Time: Sep 24 01:37:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



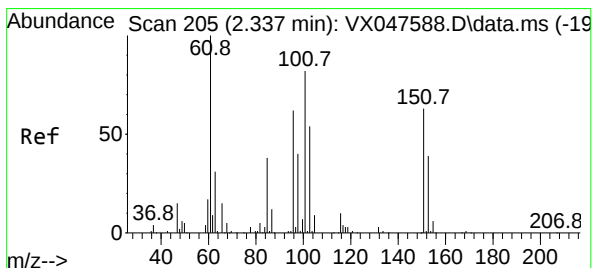
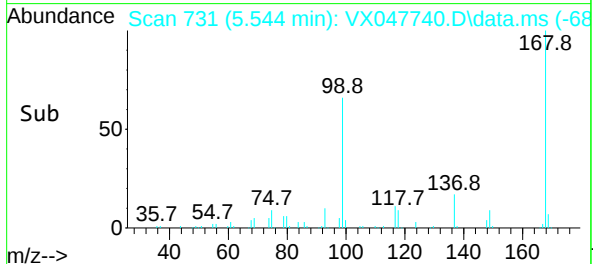
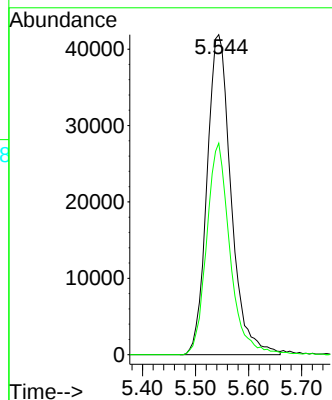


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250912

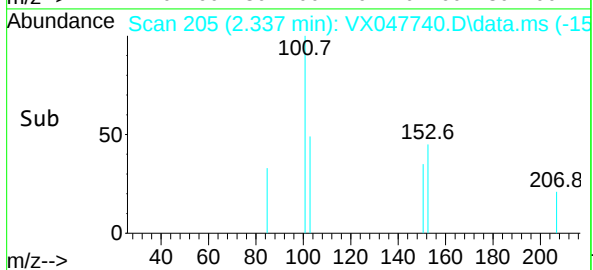
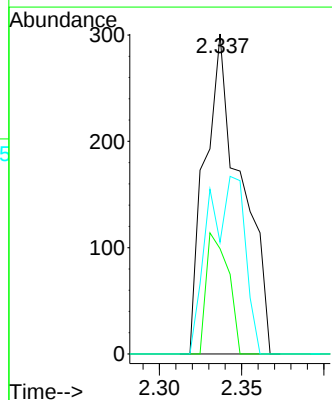
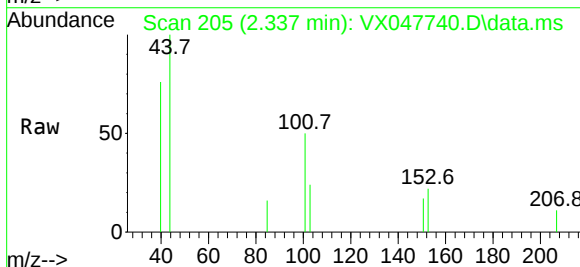


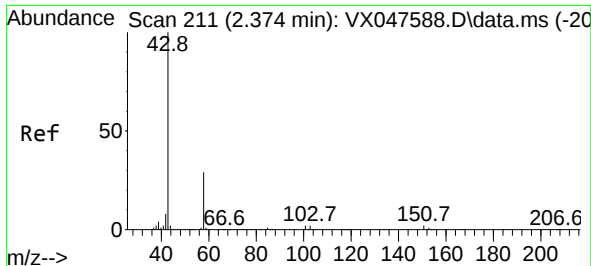
Tgt Ion:168 Resp: 132076
Ion Ratio Lower Upper
168 100
99 66.1 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.302 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

Tgt Ion:101 Resp: 462
Ion Ratio Lower Upper
101 100
85 22.7 35.5 53.3#
151 56.1 59.4 89.0#

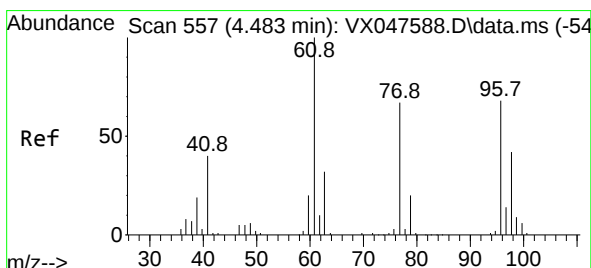
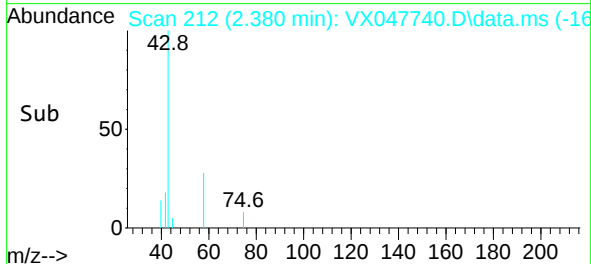
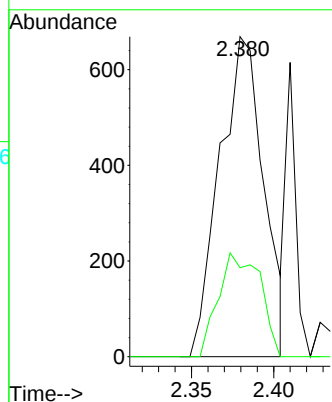
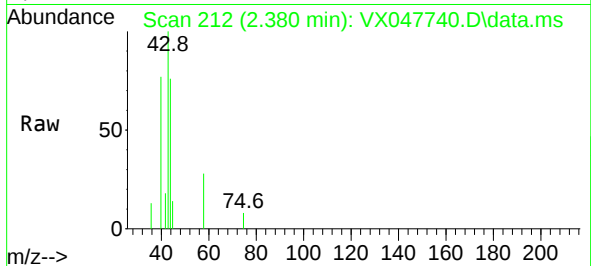




#16
Acetone
Concen: 1.364 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

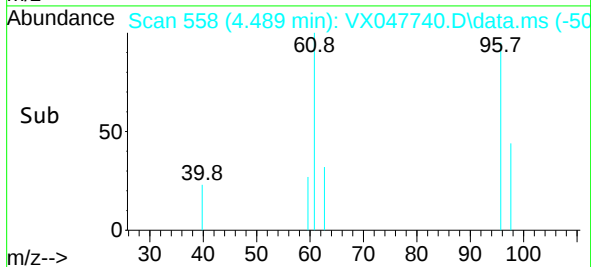
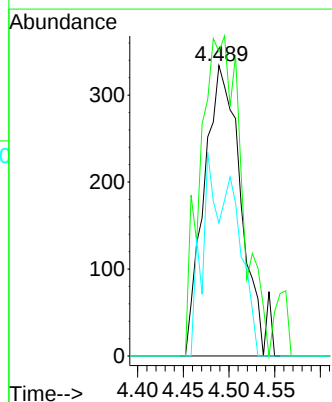
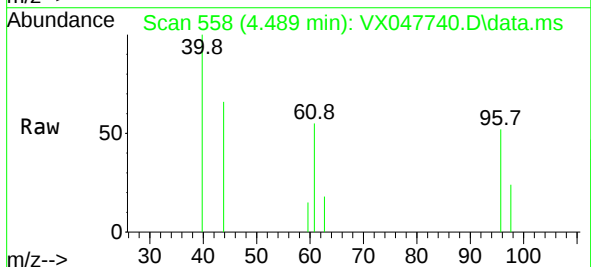
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250912

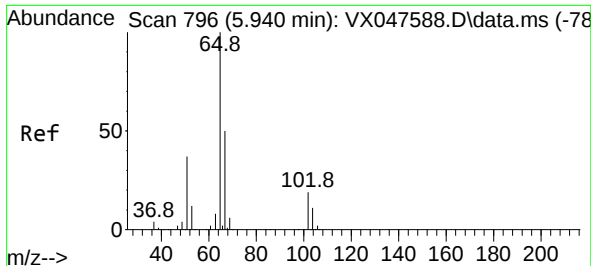
Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 27.8 23.4 35.0



#27
cis-1,2-Dichloroethene
Concen: 0.456 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

Tgt Ion: 96 Resp: 943
Ion Ratio Lower Upper
96 100
61 122.8 0.0 303.2
98 29.9 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 50.909 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047740.D

Acq: 23 Sep 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

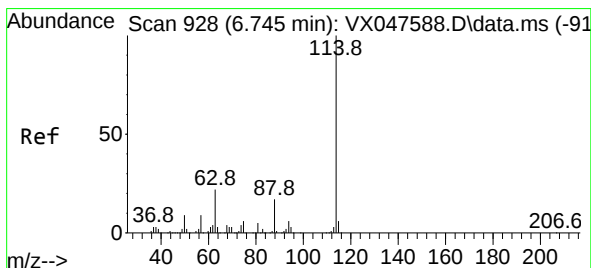
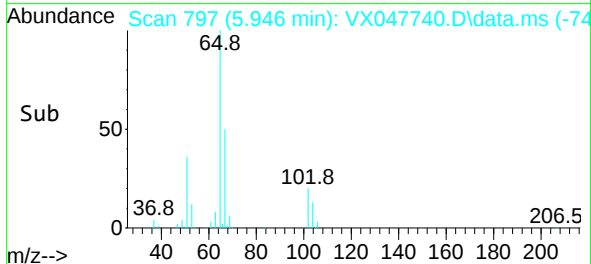
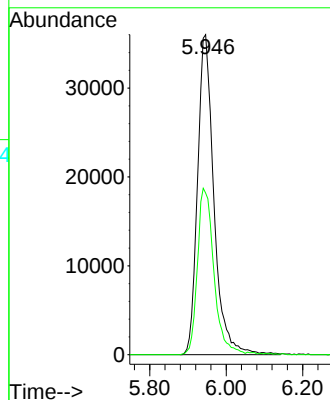
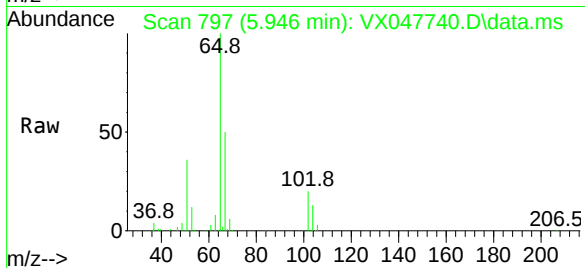
RE134D1-20250912

Tgt Ion: 65 Resp: 107026

Ion Ratio Lower Upper

65 100

67 52.2 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: VX047740.D

Acq: 23 Sep 2025 17:36

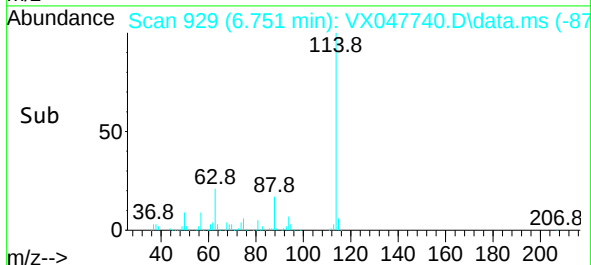
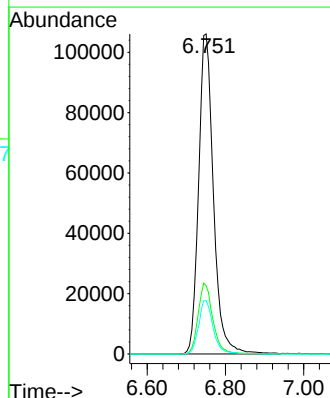
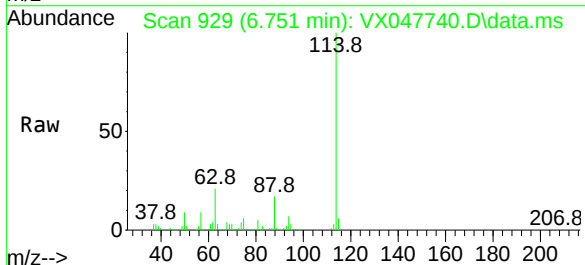
Tgt Ion: 114 Resp: 279533

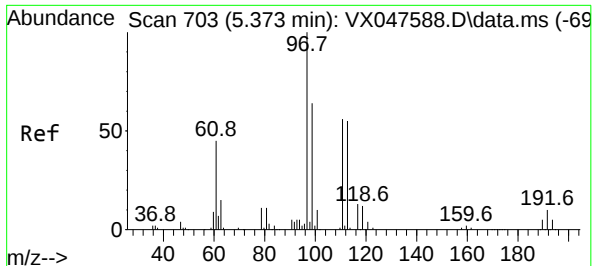
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 16.7 0.0 34.2

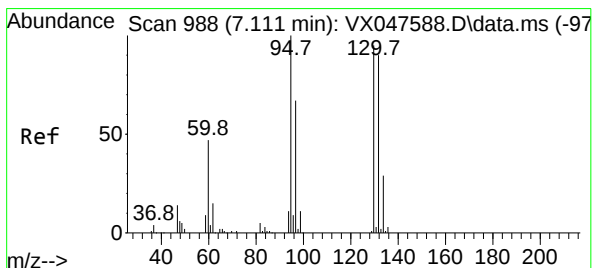
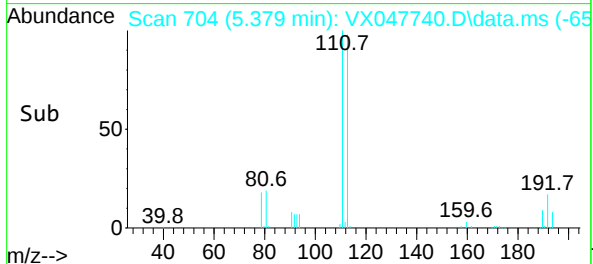
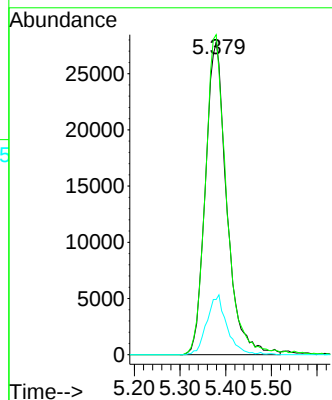
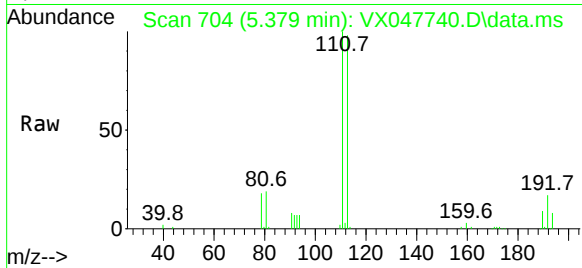




#35
Dibromofluoromethane
Concen: 48.108 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

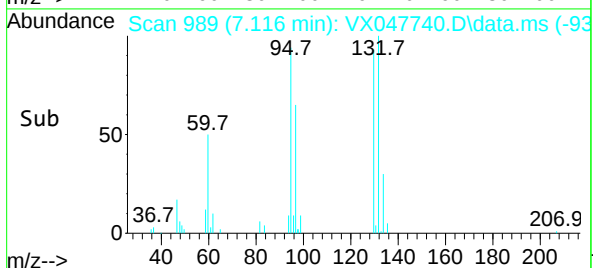
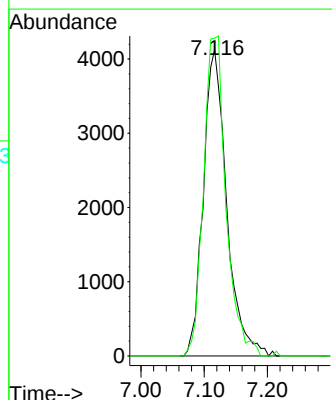
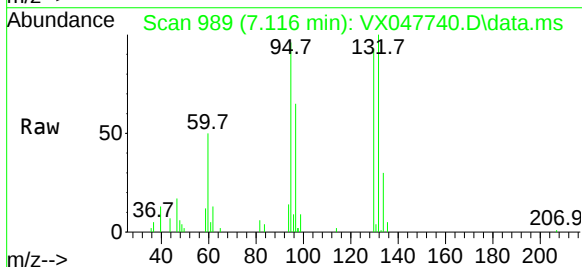
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250912

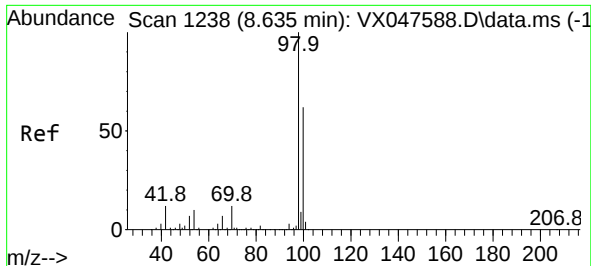
Tgt Ion:113 Resp: 90188
Ion Ratio Lower Upper
113 100
111 101.4 80.9 121.3
192 17.8 14.2 21.4



#44
Trichloroethene
Concen: 5.285 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

Tgt Ion:130 Resp: 10630
Ion Ratio Lower Upper
130 100
95 103.7 0.0 210.8

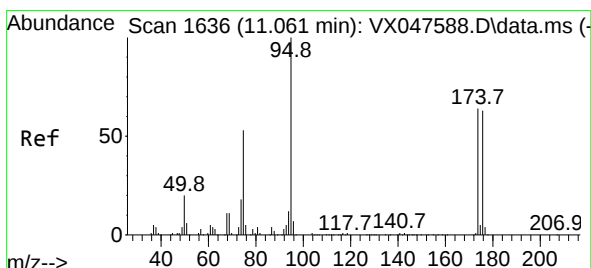
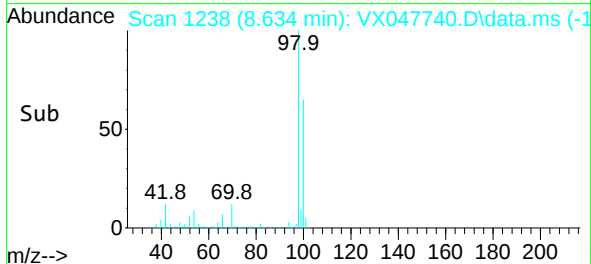
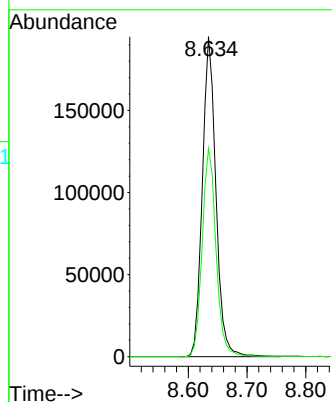
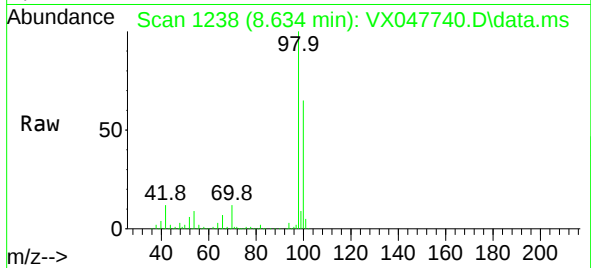




#50
Toluene-d8
Concen: 48.215 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

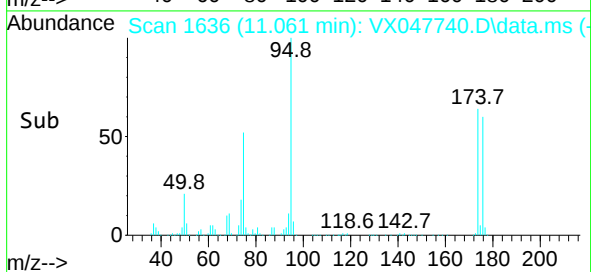
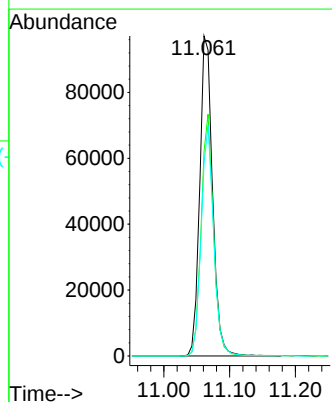
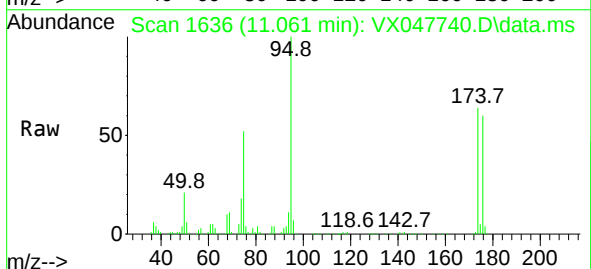
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250912

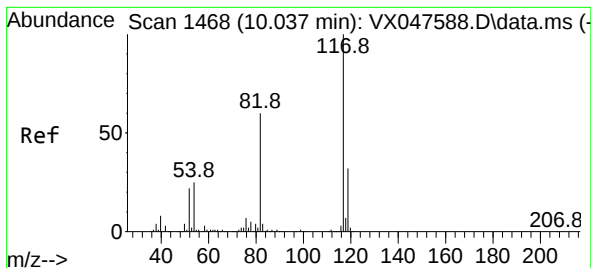
Tgt Ion: 98 Resp: 312762
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.268 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047740.D
Acq: 23 Sep 2025 17:36

Tgt Ion: 95 Resp: 131138
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 70.3 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: VX047740.D

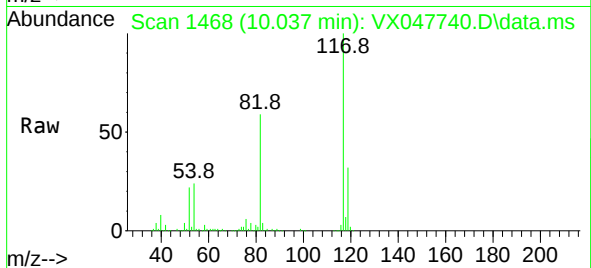
Acq: 23 Sep 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20250912



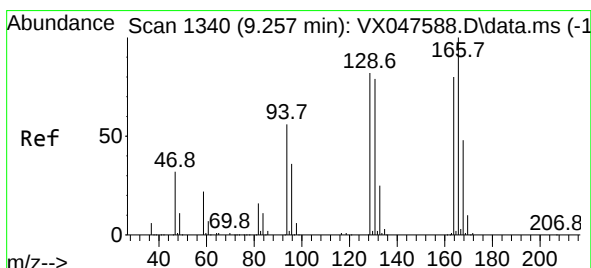
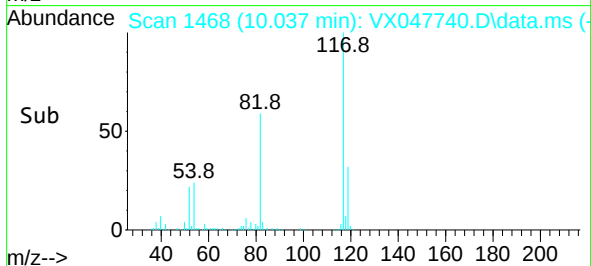
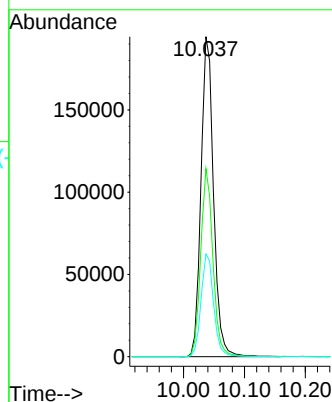
Tgt Ion:117 Resp: 278696

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.6

119 32.1 25.2 37.8



#64

Tetrachloroethene

Concen: 0.545 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047740.D

Acq: 23 Sep 2025 17:36

Tgt Ion:164 Resp: 990

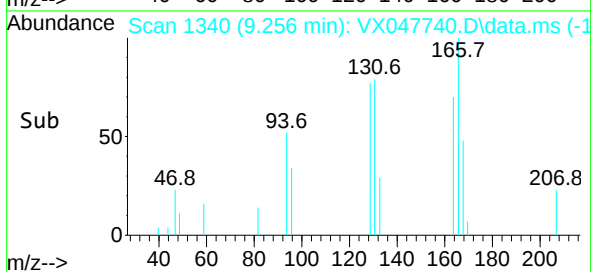
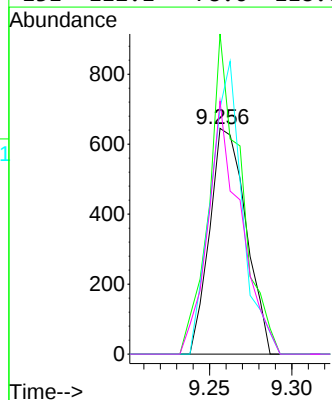
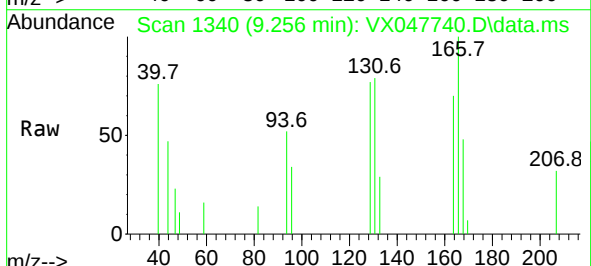
Ion Ratio Lower Upper

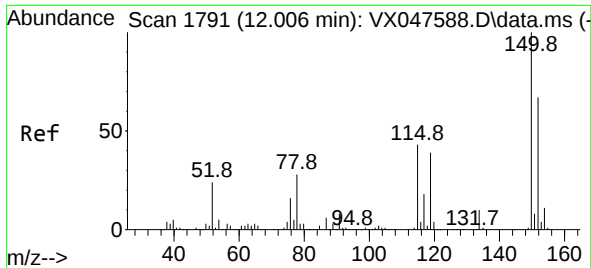
164 100

166 141.9 100.2 150.2

129 109.0 81.8 122.6

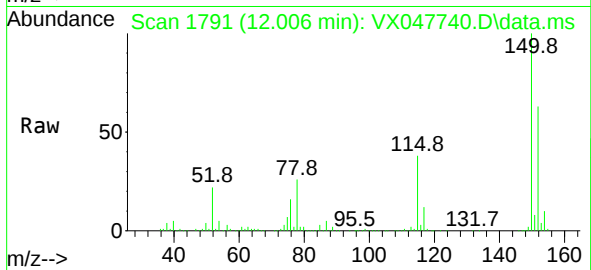
131 112.1 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047740.D
 Acq: 23 Sep 2025 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250912



Tgt Ion:152 Resp: 139922
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.9 134.5
 150 158.6 0.0 352.0

