

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047921.D
 Acq On : 30 Sep 2025 18:48
 Operator : JC/MD
 Sample : Q3193-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250923

Quant Time: Oct 01 01:16:27 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)

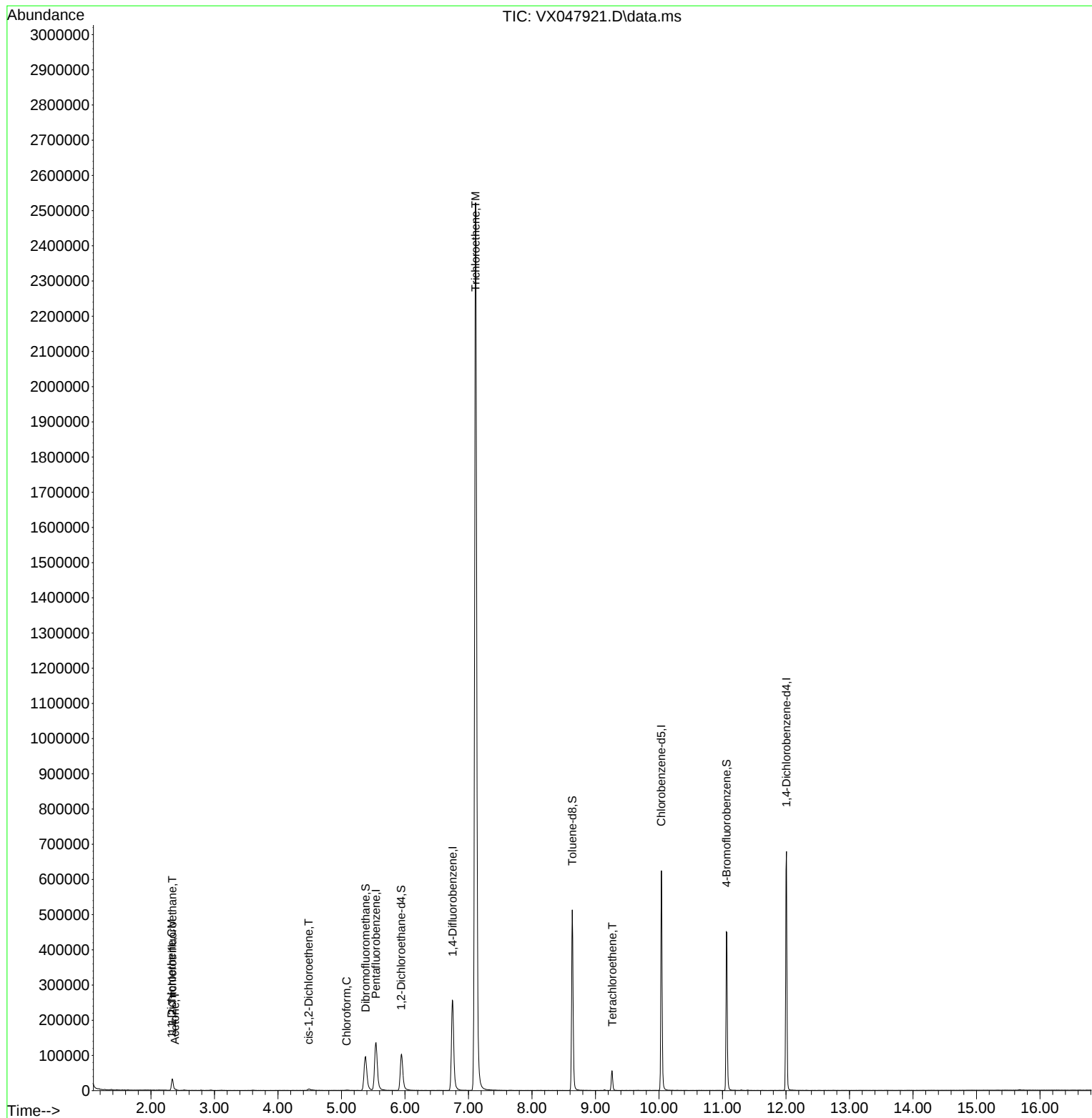
Internal Standards						
1) Pentafluorobenzene	5.544	168	135542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	282690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111445	51.655	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.320%		
35) Dibromofluoromethane	5.379	113	94355	49.769	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.540%		
50) Toluene-d8	8.635	98	310507	47.333	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.660%		
62) 4-Bromofluorobenzene	11.061	95	134575	54.053	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.100%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	13354	8.518	ug/l	97
12) 1,1-Dichloroethene	2.325	96	2297	1.426	ug/l	88
16) Acetone	2.380	43	1708	1.821	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	2971	1.399	ug/l	88
30) Chloroform	5.080	83	1351	0.391	ug/l #	68
44) Trichloroethene	7.111	130	1043184	512.813	ug/l	96
64) Tetrachloroethene	9.263	164	11052	6.058	ug/l	96

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

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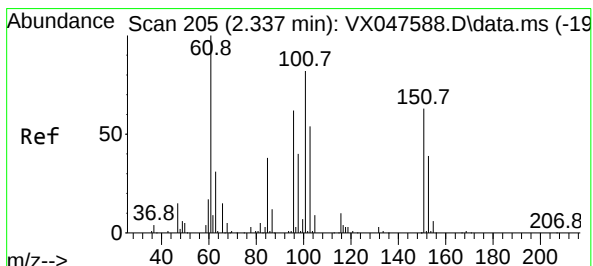
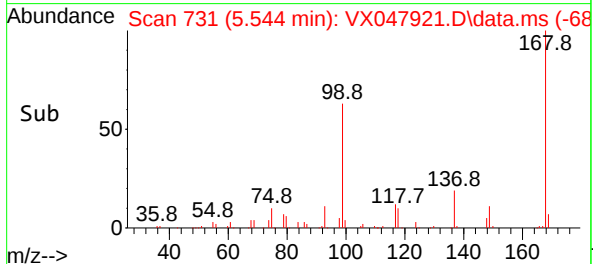
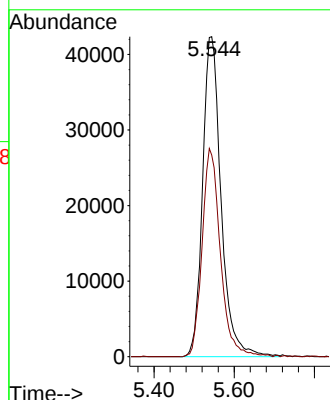
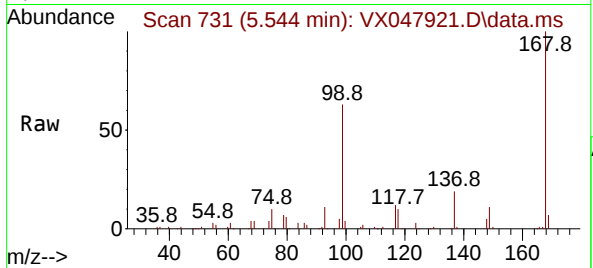




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047921.D
Acq: 30 Sep 2025 18:48

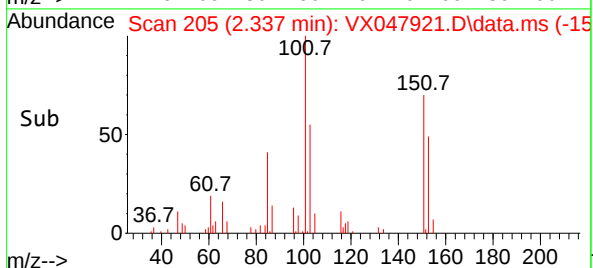
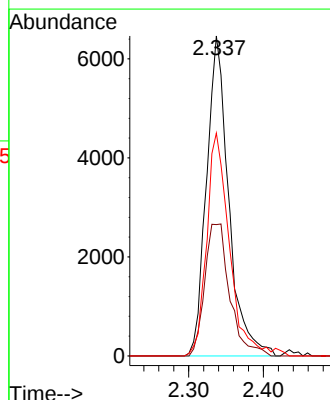
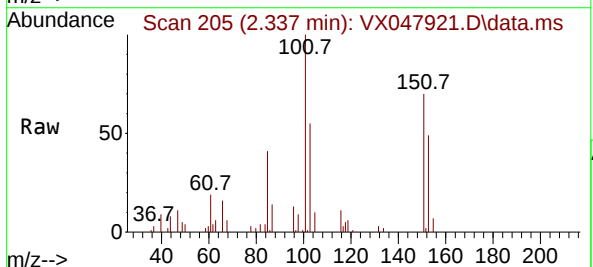
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250923

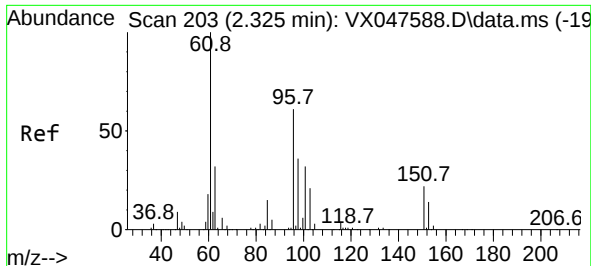
Tgt Ion:168 Resp: 135542
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.518 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047921.D
Acq: 30 Sep 2025 18:48

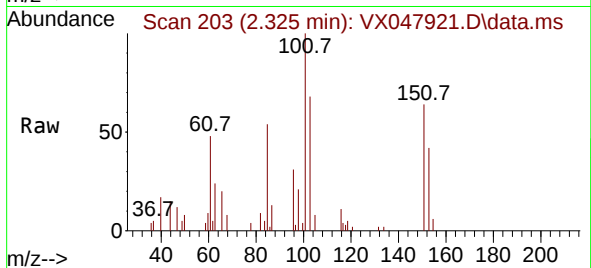
Tgt Ion:101 Resp: 13354
Ion Ratio Lower Upper
101 100
85 46.4 35.5 53.3
151 71.7 59.4 89.0





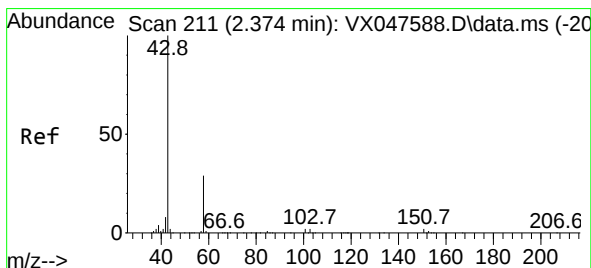
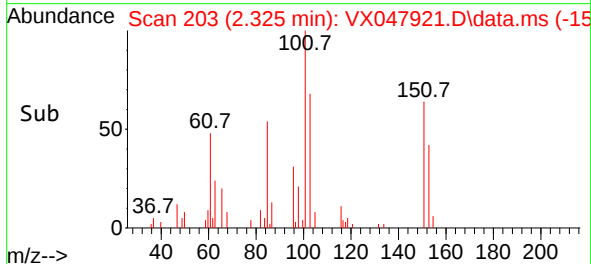
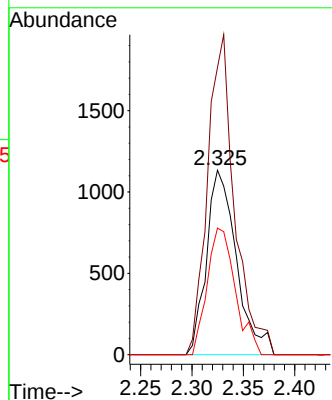
#12
1,1-Dichloroethene
Concen: 1.426 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047921.D
Acq: 30 Sep 2025 18:48

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250923



Tgt Ion: 96 Resp: 2297

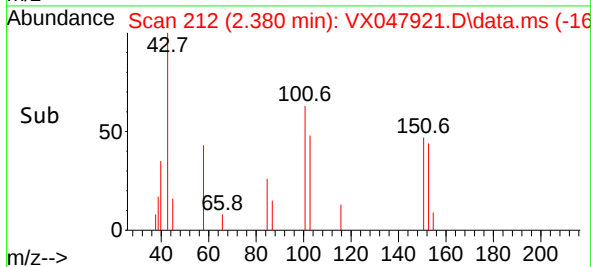
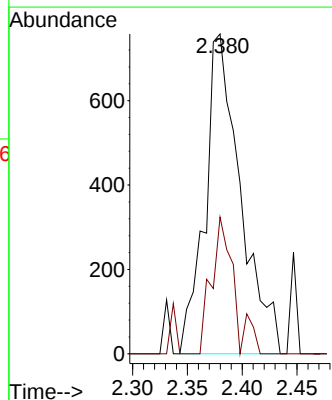
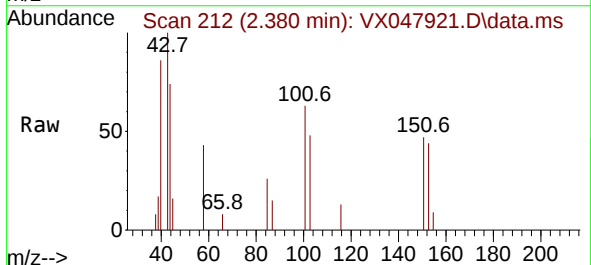
Ion	Ratio	Lower	Upper
96	100		
61	143.4	131.0	196.6
98	63.2	47.7	71.5

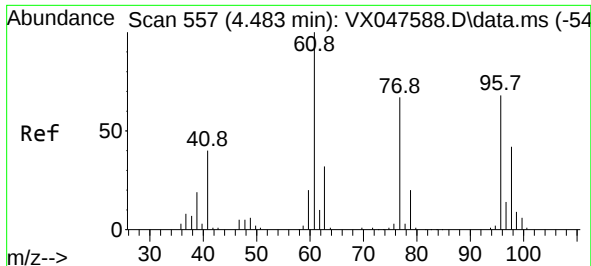


#16
Acetone
Concen: 1.821 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047921.D
Acq: 30 Sep 2025 18:48

Tgt Ion: 43 Resp: 1708

Ion	Ratio	Lower	Upper
43	100		
58	24.6	23.4	35.0

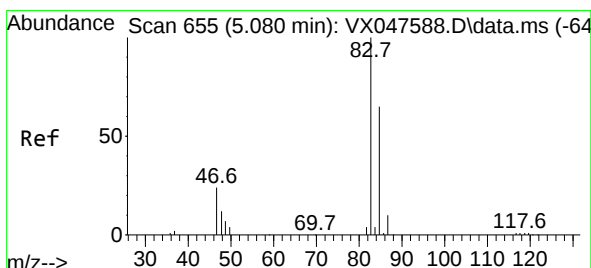
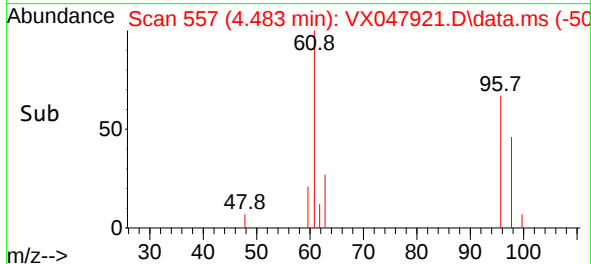
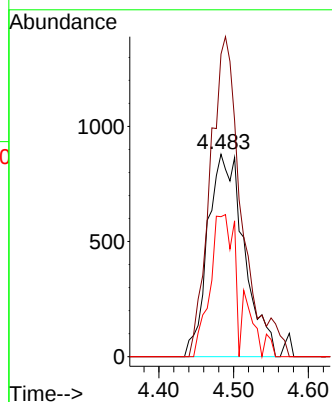
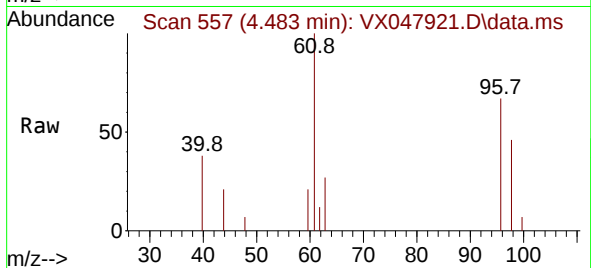




#27
 cis-1,2-Dichloroethene
 Concen: 1.399 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX047921.D
 Acq: 30 Sep 2025 18:48

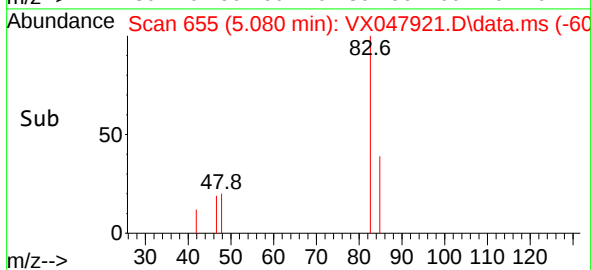
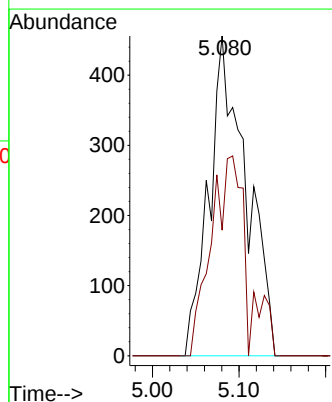
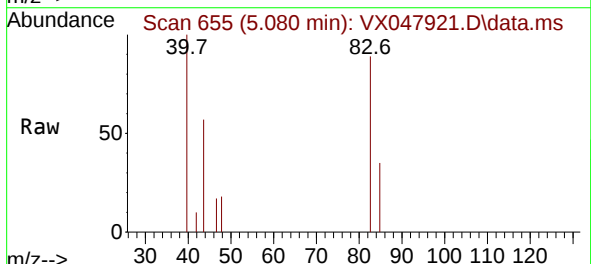
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250923

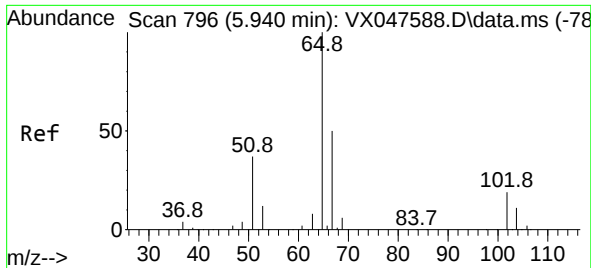
Tgt Ion: 96 Resp: 2971
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 303.2
 98 52.0 0.0 127.8



#30
 Chloroform
 Concen: 0.391 ug/l
 RT: 5.080 min Scan# 655
 Delta R.T. -0.000 min
 Lab File: VX047921.D
 Acq: 30 Sep 2025 18:48

Tgt Ion: 83 Resp: 1351
 Ion Ratio Lower Upper
 83 100
 85 39.3 51.8 77.6#

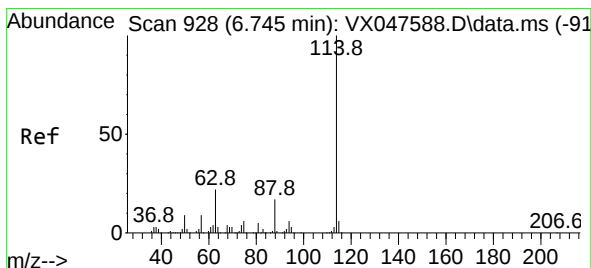
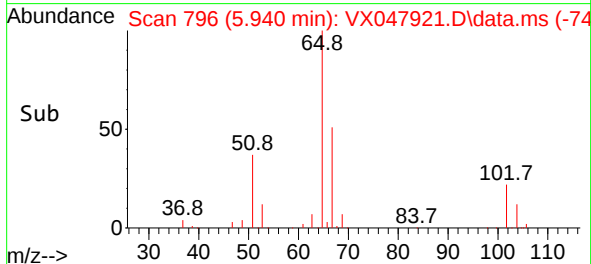
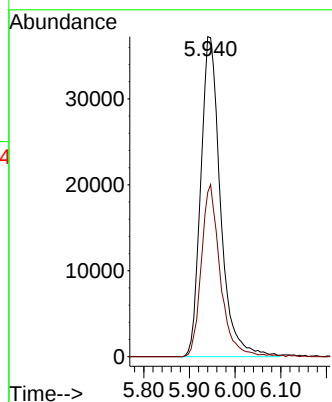
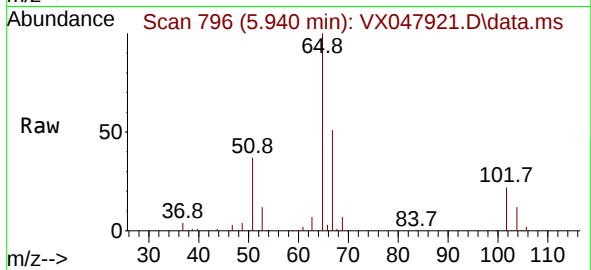




#33
 1,2-Dichloroethane-d4
 Concen: 51.655 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX047921.D
 Acq: 30 Sep 2025 18:48

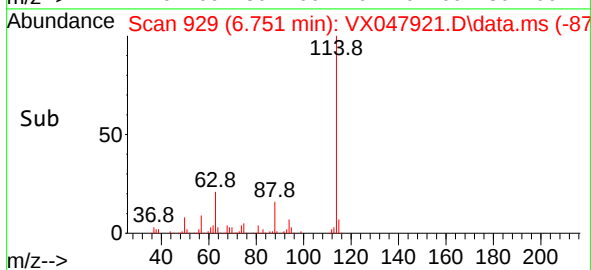
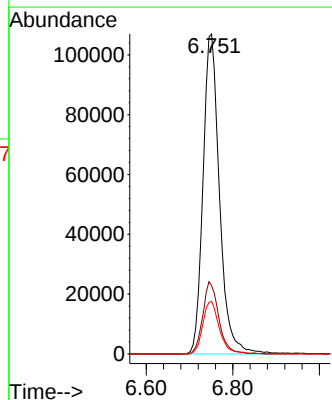
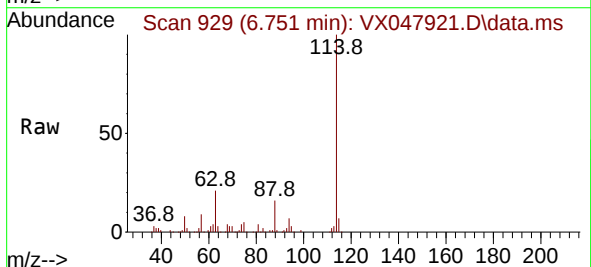
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250923

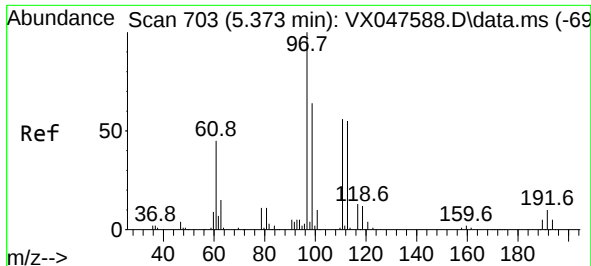
Tgt Ion: 65 Resp: 111445
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047921.D
 Acq: 30 Sep 2025 18:48

Tgt Ion: 114 Resp: 282690
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.0
 88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.769 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047921.D

Acq: 30 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250923

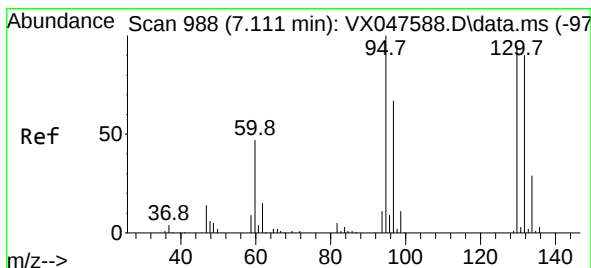
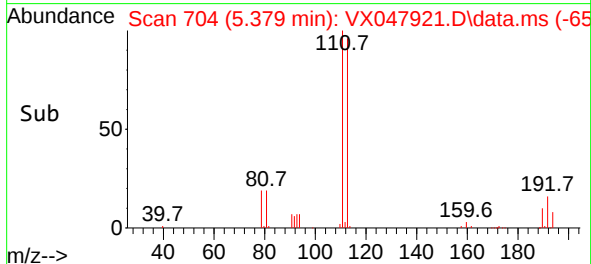
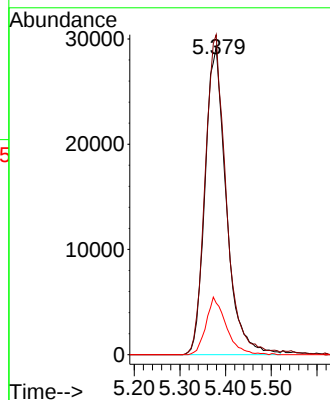
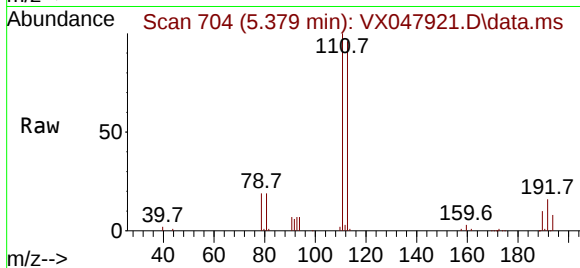
Tgt Ion:113 Resp: 94355

Ion Ratio Lower Upper

113 100

111 102.7 80.9 121.3

192 17.8 14.2 21.4



#44

Trichloroethene

Concen: 512.813 ug/l

RT: 7.111 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX047921.D

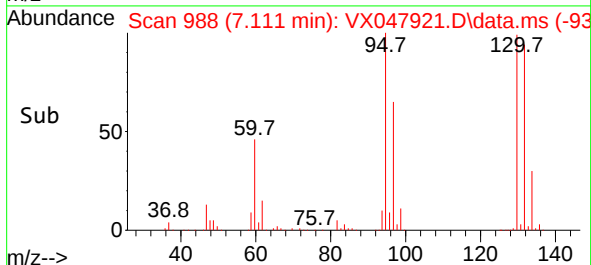
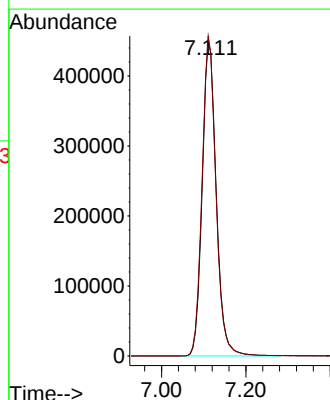
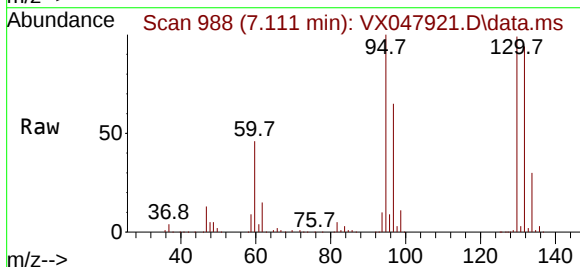
Acq: 30 Sep 2025 18:48

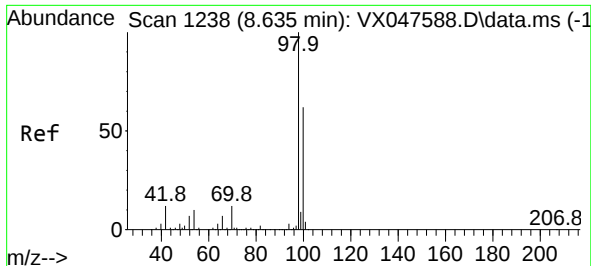
Tgt Ion:130 Resp: 1043184

Ion Ratio Lower Upper

130 100

95 101.3 0.0 210.8

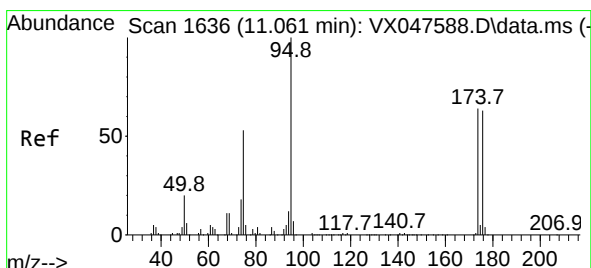
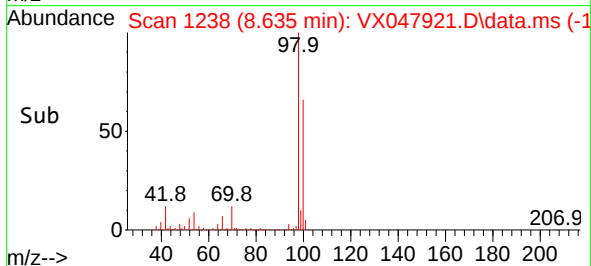
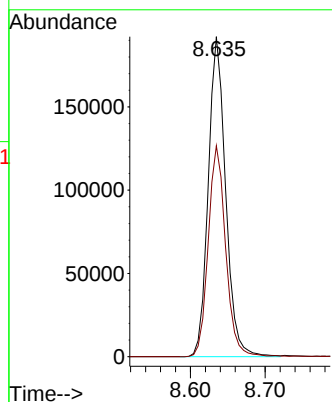
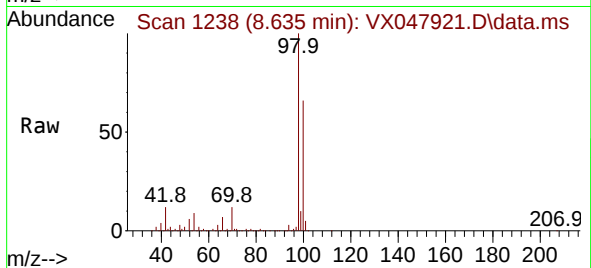




#50
Toluene-d8
Concen: 47.333 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047921.D
Acq: 30 Sep 2025 18:48

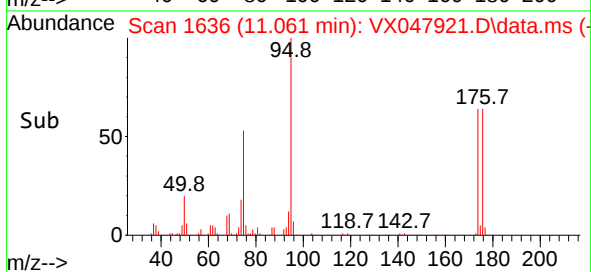
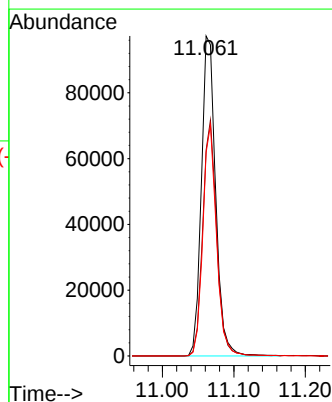
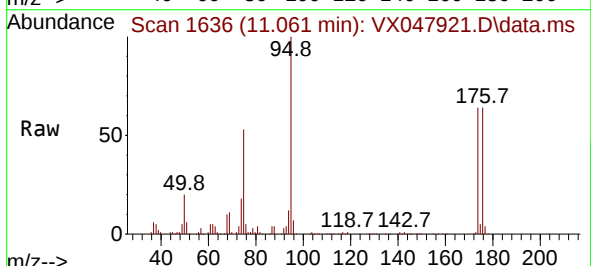
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20250923

Tgt Ion: 98 Resp: 310507
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.053 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047921.D
Acq: 30 Sep 2025 18:48

Tgt Ion: 95 Resp: 134575
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.3 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: VX047921.D

Acq: 30 Sep 2025 18:48

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20250923

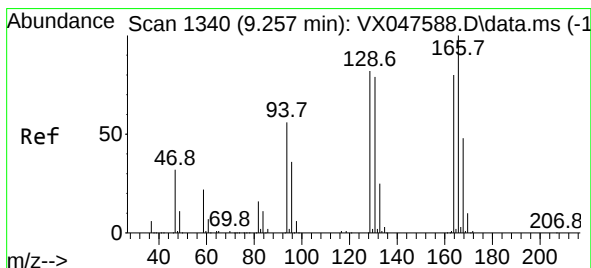
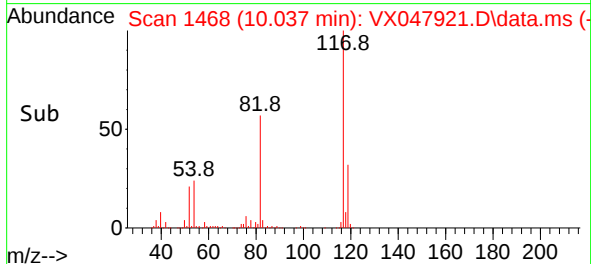
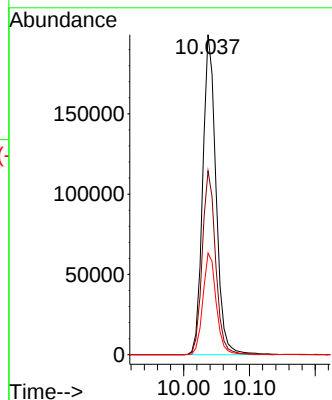
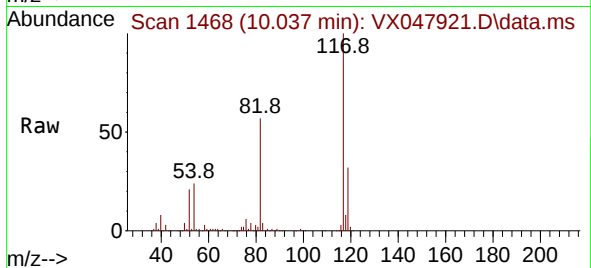
Tgt Ion:117 Resp: 279849

Ion Ratio Lower Upper

117 100

82 57.4 47.8 71.6

119 31.7 25.2 37.8



#64

Tetrachloroethene

Concen: 6.058 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047921.D

Acq: 30 Sep 2025 18:48

Tgt Ion:164 Resp: 11052

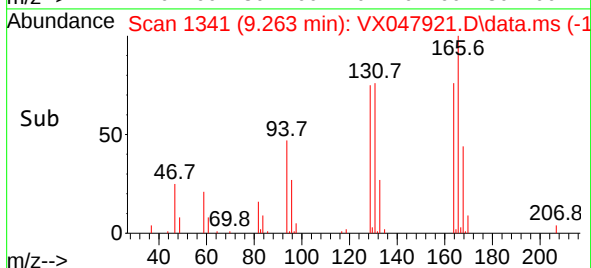
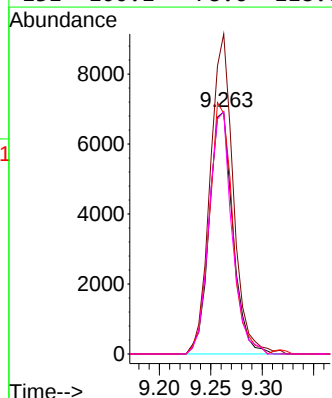
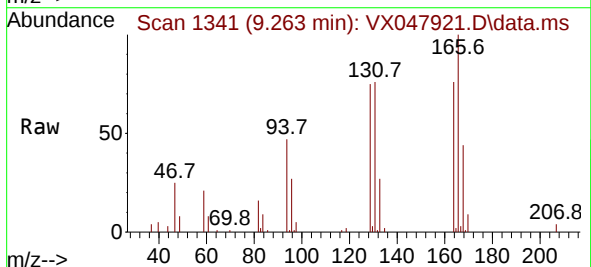
Ion Ratio Lower Upper

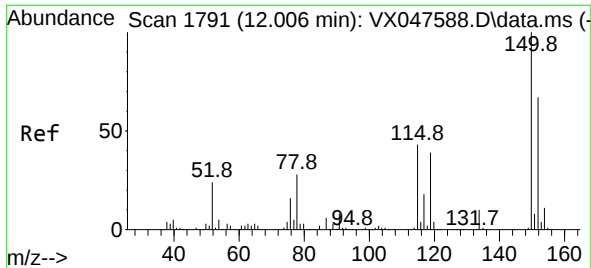
164 100

166 132.2 100.2 150.2

129 99.4 81.8 122.6

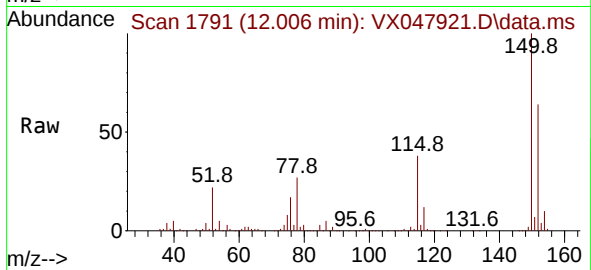
131 100.1 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047921.D
 Acq: 30 Sep 2025 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 142951
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.9 134.5
 150 155.9 0.0 352.0

