

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047830.D
 Acq On : 26 Sep 2025 03:52
 Operator : JC/MD
 Sample : Q3156-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250918

Quant Time: Sep 26 06:53:24 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)

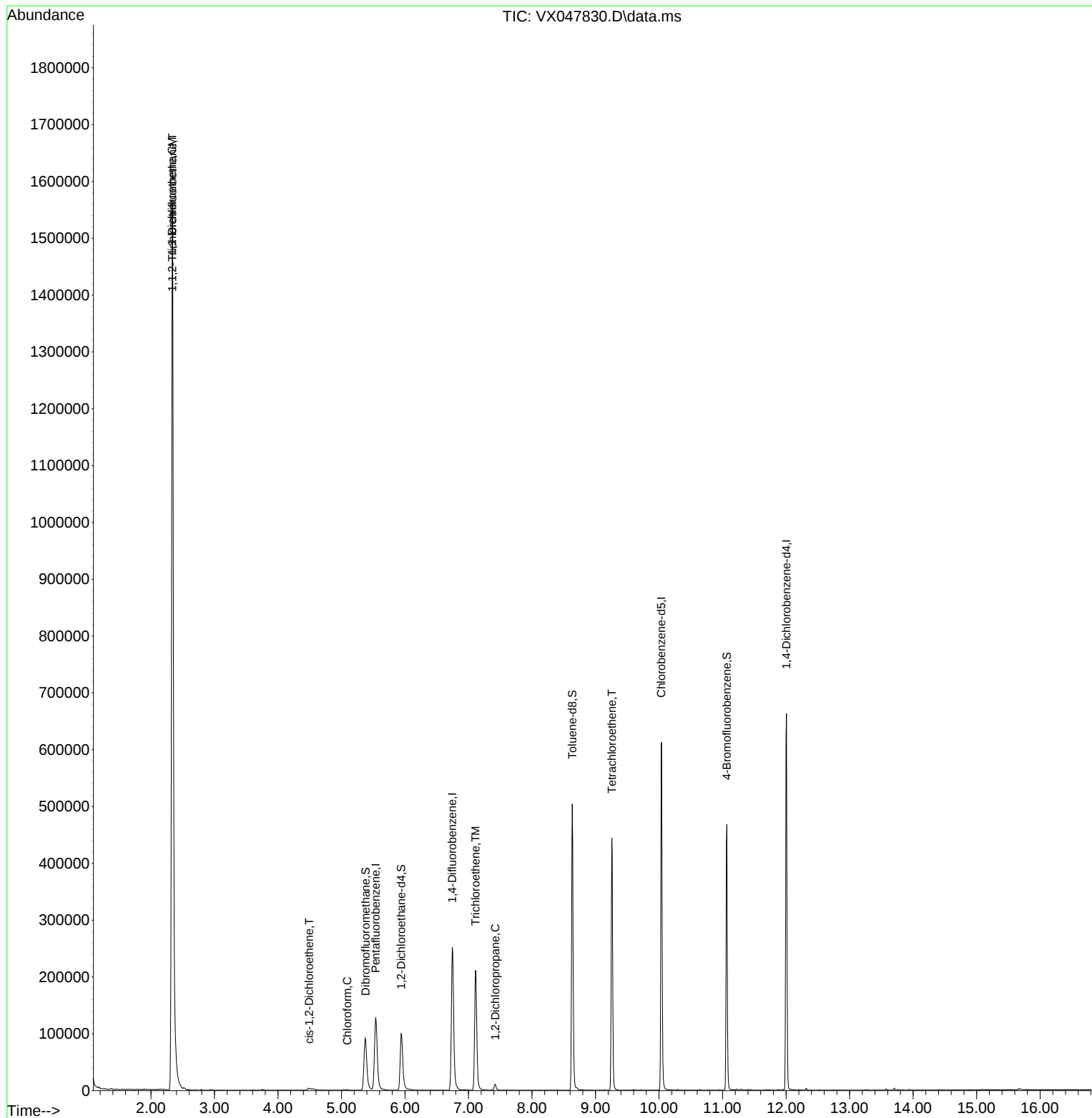
Internal Standards						
1) Pentafluorobenzene	5.537	168	128874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	272889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	279120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107965	52.631	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.260%	
35) Dibromofluoromethane	5.379	113	89215	48.748	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.500%	
50) Toluene-d8	8.634	98	308226	48.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.340%	
62) 4-Bromofluorobenzene	11.067	95	129188	53.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.500%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	735361	493.330	ug/l	99
12) 1,1-Dichloroethene	2.330	96	5193	3.392	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	2740	1.357	ug/l	91
30) Chloroform	5.092	83	918	0.279	ug/l	84
44) Trichloroethene	7.110	130	90833	46.256	ug/l	97
45) 1,2-Dichloropropane	7.421	63	4745	2.281	ug/l	95
64) Tetrachloroethene	9.256	164	87130	47.885	ug/l	97

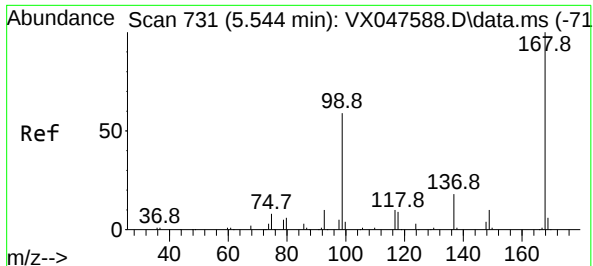
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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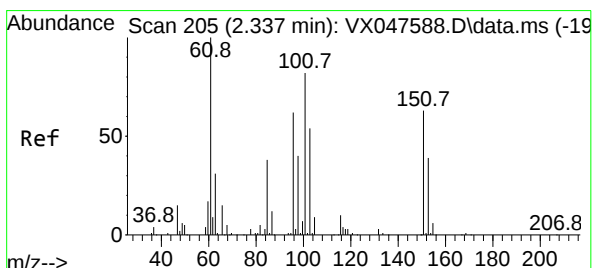
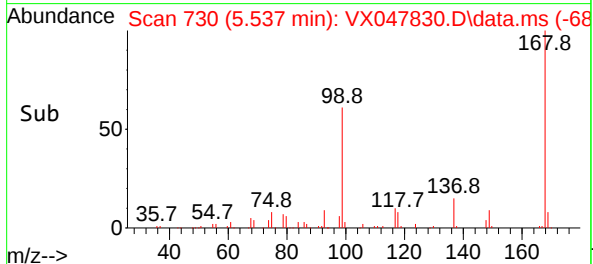
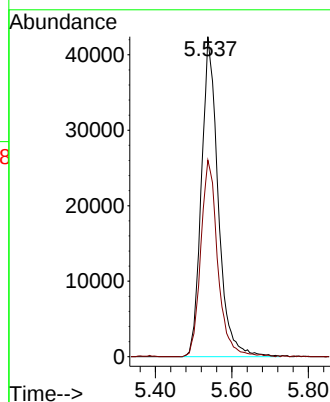
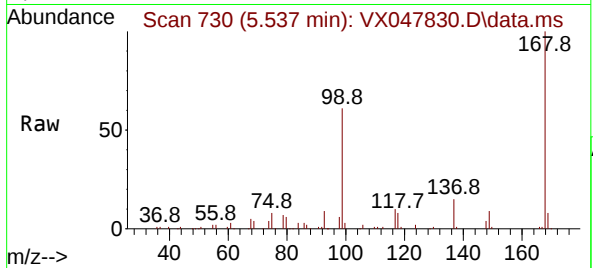




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

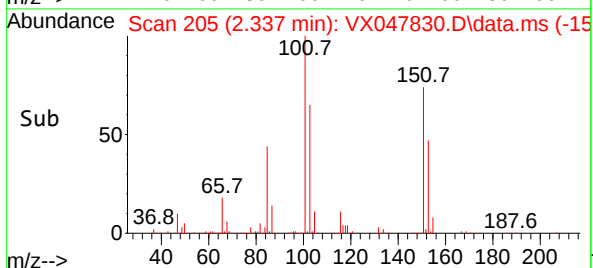
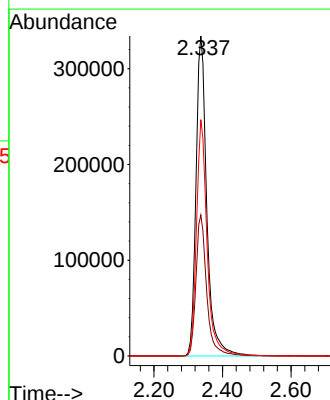
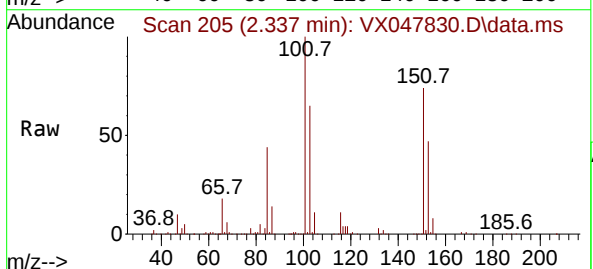
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250918

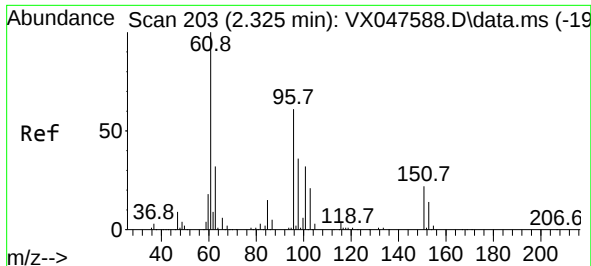
Tgt Ion:168 Resp: 128874
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 493.330 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.001 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

Tgt Ion:101 Resp: 735361
Ion Ratio Lower Upper
101 100
85 43.8 35.5 53.3
151 72.9 59.4 89.0





#12

1,1-Dichloroethene

Concen: 3.392 ug/l

RT: 2.330 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX047830.D

Acq: 26 Sep 2025 03:52

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20250918

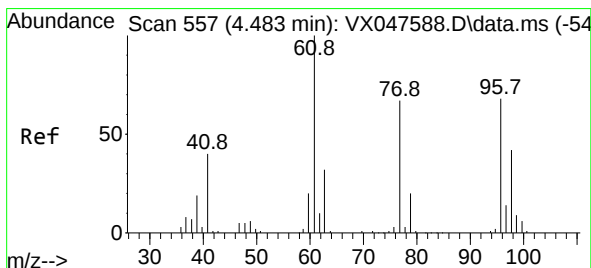
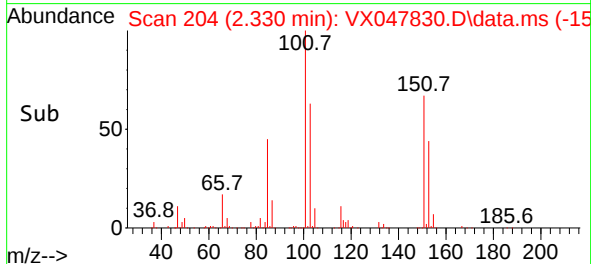
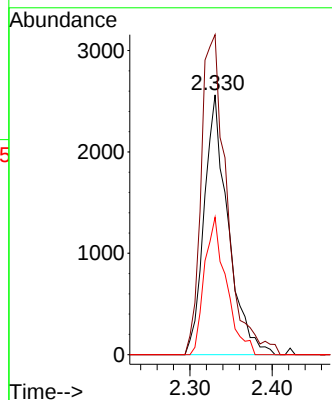
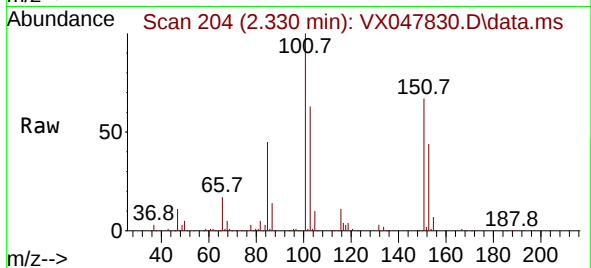
Tgt Ion: 96 Resp: 5193

Ion Ratio Lower Upper

96 100

61 123.1 131.0 196.6#

98 52.9 47.7 71.5



#27

cis-1,2-Dichloroethene

Concen: 1.357 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX047830.D

Acq: 26 Sep 2025 03:52

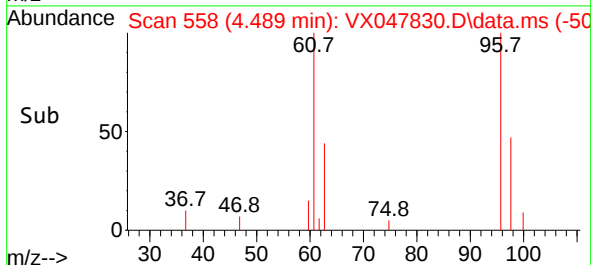
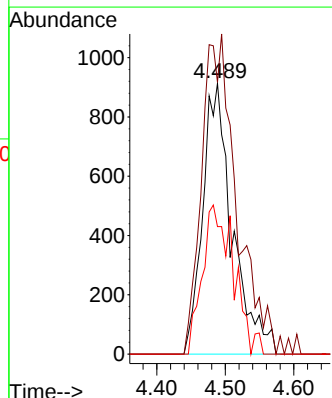
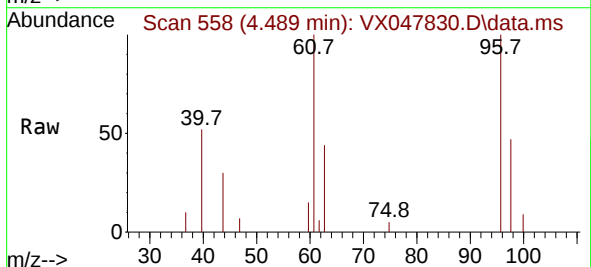
Tgt Ion: 96 Resp: 2740

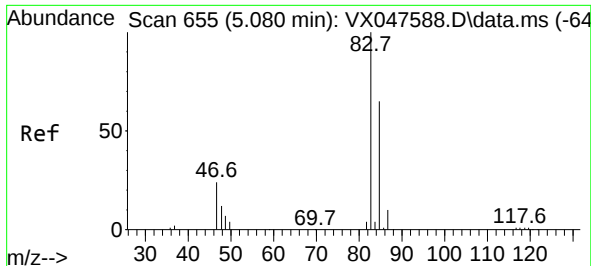
Ion Ratio Lower Upper

96 100

61 139.6 0.0 303.2

98 58.2 0.0 127.8





#30

Chloroform

Concen: 0.279 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX047830.D

Acq: 26 Sep 2025 03:52

Instrument :

MSVOA_X

ClientSampleId :

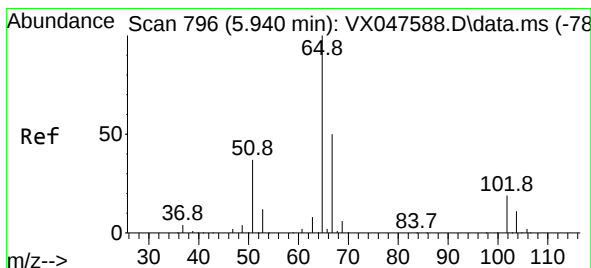
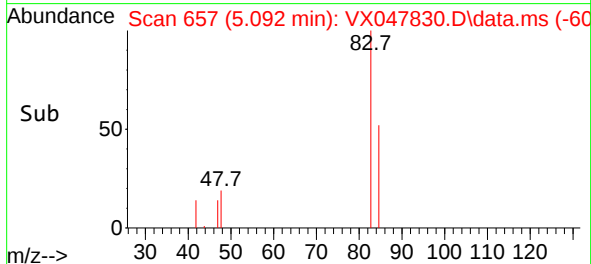
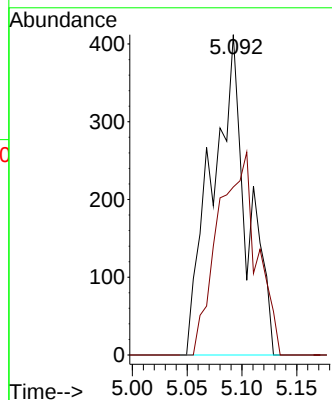
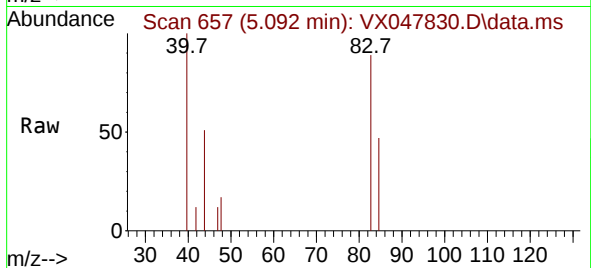
RE131D3-20250918

Tgt Ion: 83 Resp: 918

Ion Ratio Lower Upper

83 100

85 52.4 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 52.631 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.001 min

Lab File: VX047830.D

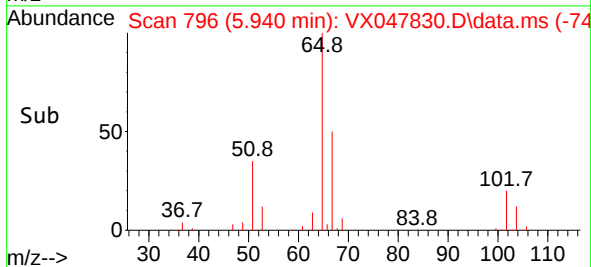
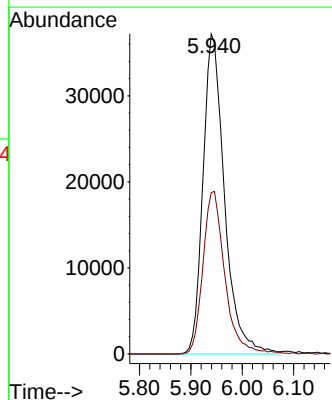
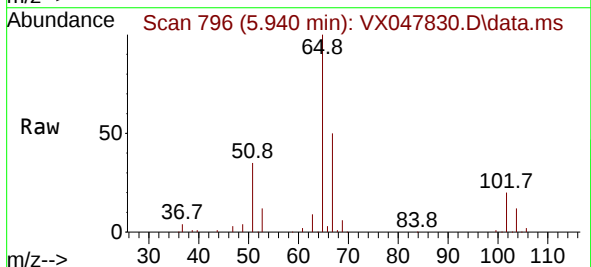
Acq: 26 Sep 2025 03:52

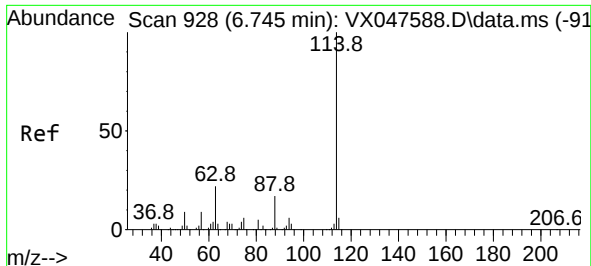
Tgt Ion: 65 Resp: 107965

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0

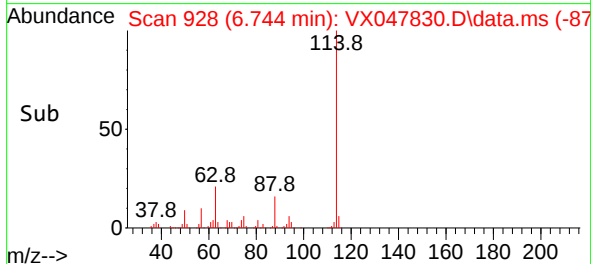
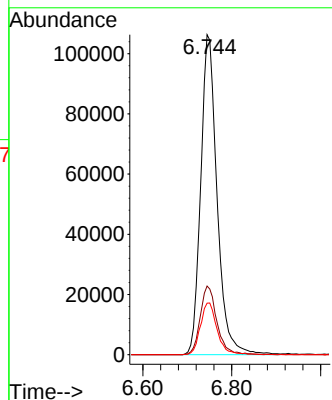
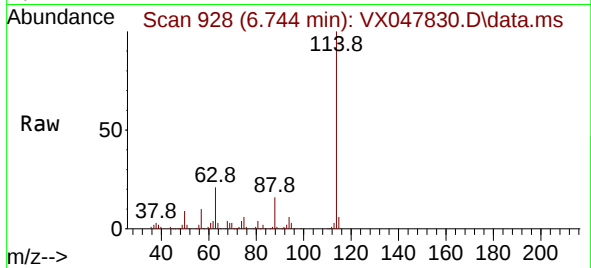




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

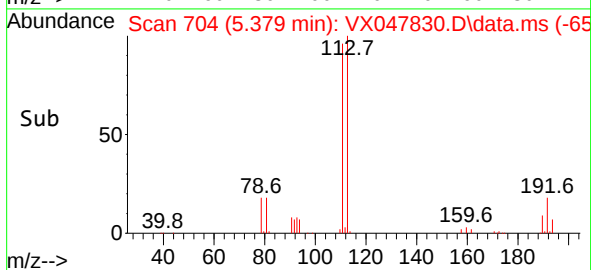
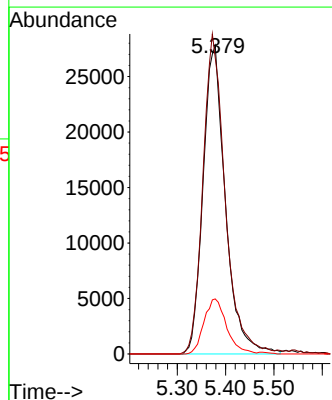
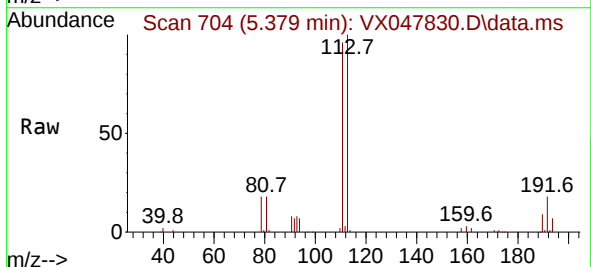
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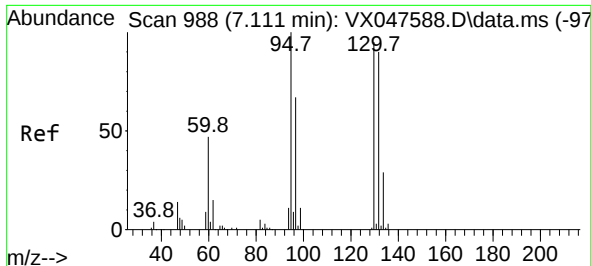
Tgt Ion:114 Resp: 272889
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.748 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

Tgt Ion:113 Resp: 89215
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 18.1 14.2 21.4

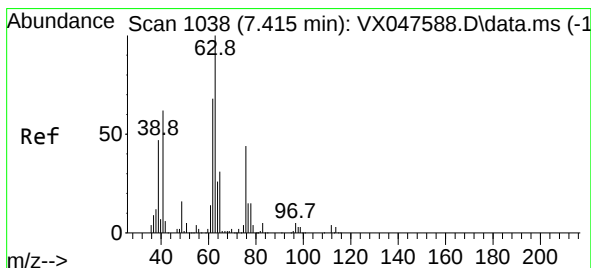
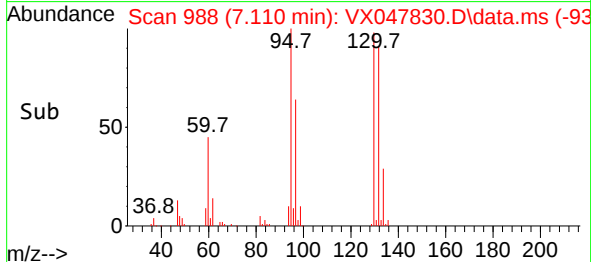
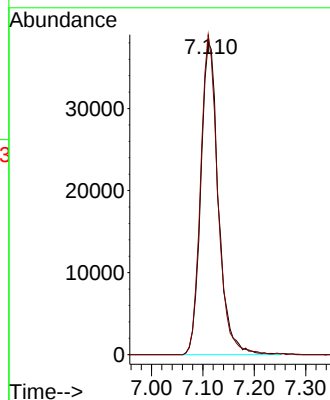
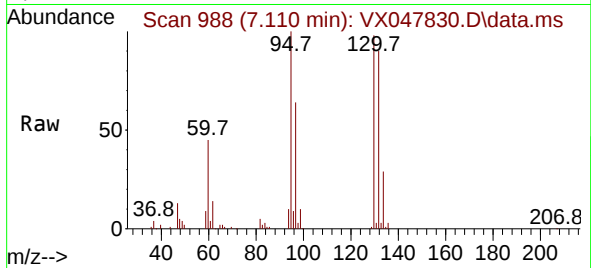




#44
Trichloroethene
Concen: 46.256 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

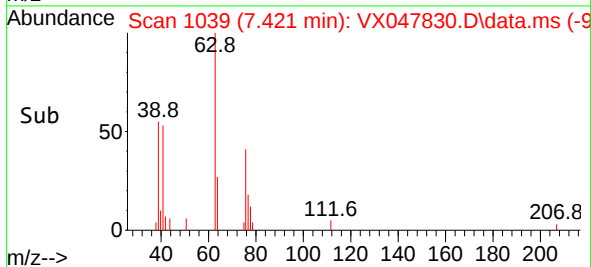
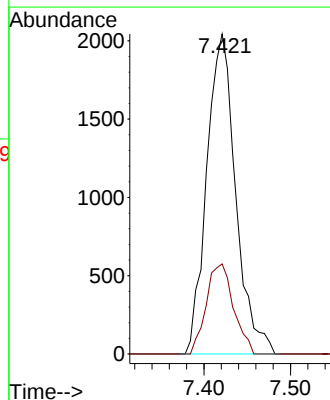
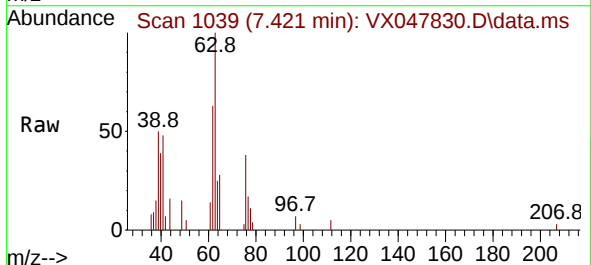
Instrument :
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ClientSampleId :
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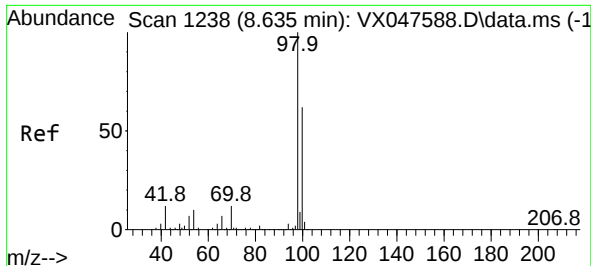
Tgt Ion:130 Resp: 90833
Ion Ratio Lower Upper
130 100
95 102.4 0.0 210.8



#45
1,2-Dichloropropane
Concen: 2.281 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

Tgt Ion: 63 Resp: 4745
Ion Ratio Lower Upper
63 100
65 28.2 24.7 37.1

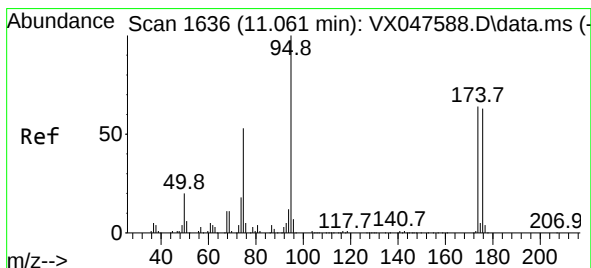
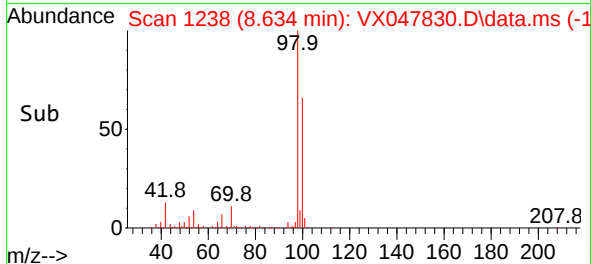
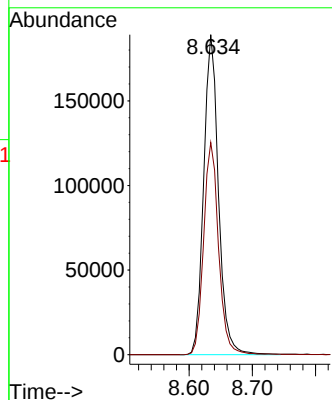
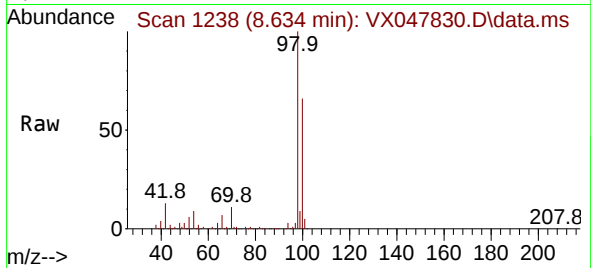




#50
Toluene-d8
Concen: 48.672 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

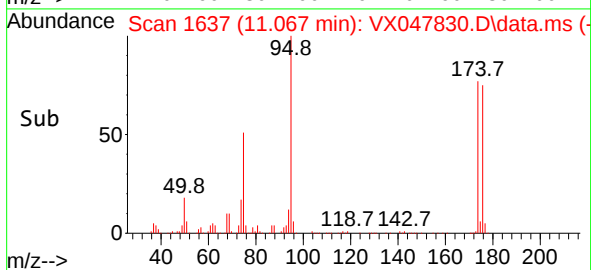
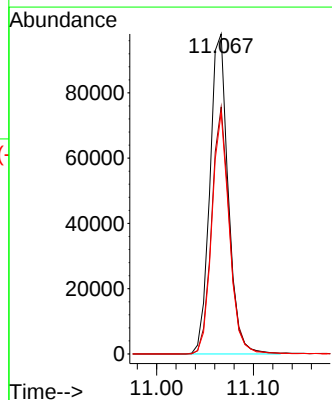
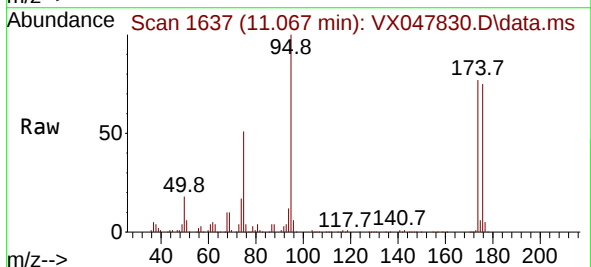
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250918

Tgt Ion: 98 Resp: 308226
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.753 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047830.D
Acq: 26 Sep 2025 03:52

Tgt Ion: 95 Resp: 129188
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.6
176 71.8 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VX047830.D

Acq: 26 Sep 2025 03:52

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20250918

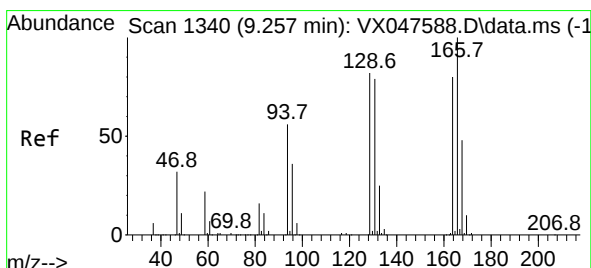
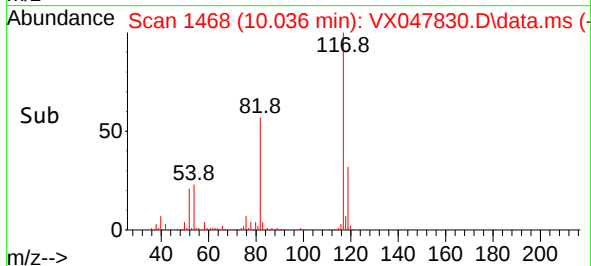
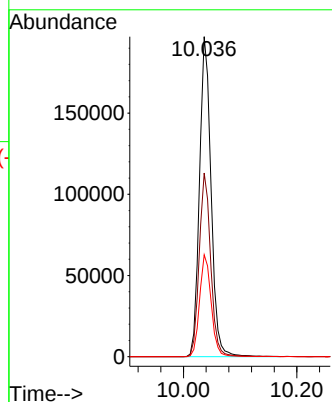
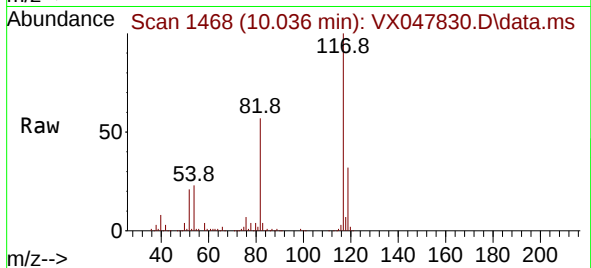
Tgt Ion:117 Resp: 279120

Ion Ratio Lower Upper

117 100

82 57.4 47.8 71.6

119 31.8 25.2 37.8



#64

Tetrachloroethene

Concen: 47.885 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX047830.D

Acq: 26 Sep 2025 03:52

Tgt Ion:164 Resp: 87130

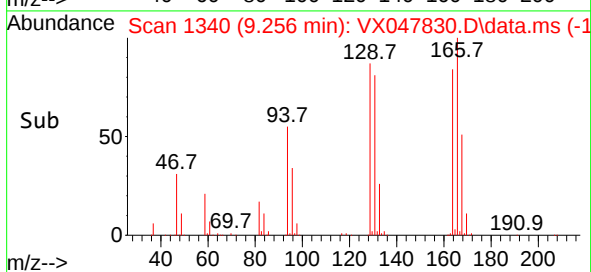
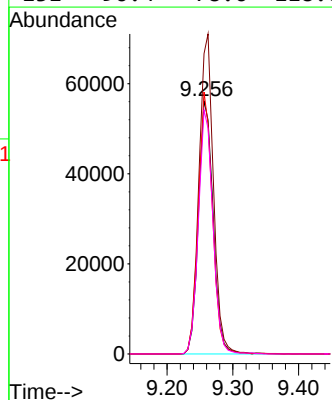
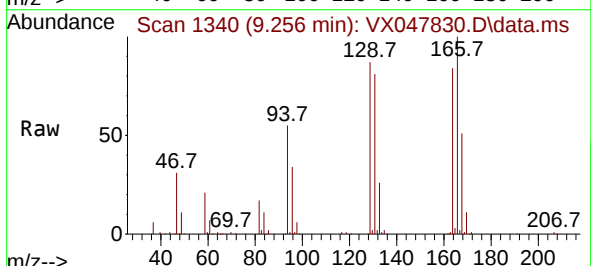
Ion Ratio Lower Upper

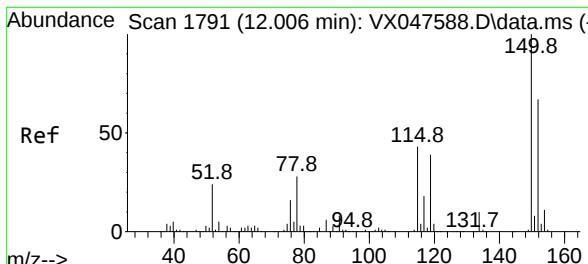
164 100

166 118.7 100.2 150.2

129 103.5 81.8 122.6

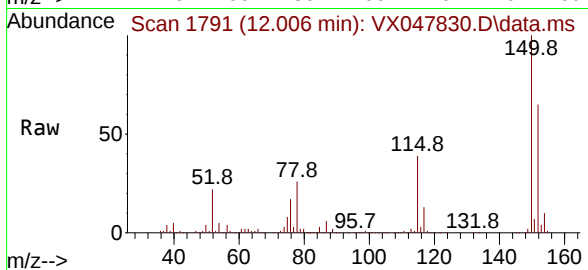
131 96.4 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VX047830.D
 Acq: 26 Sep 2025 03:52

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 140996
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.9 134.5
 150 156.5 0.0 352.0

