

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045270.D
 Acq On : 13 Mar 2025 15:33
 Operator : JC/MD
 Sample : Q1559-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20250310

Quant Time: Mar 14 12:28:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

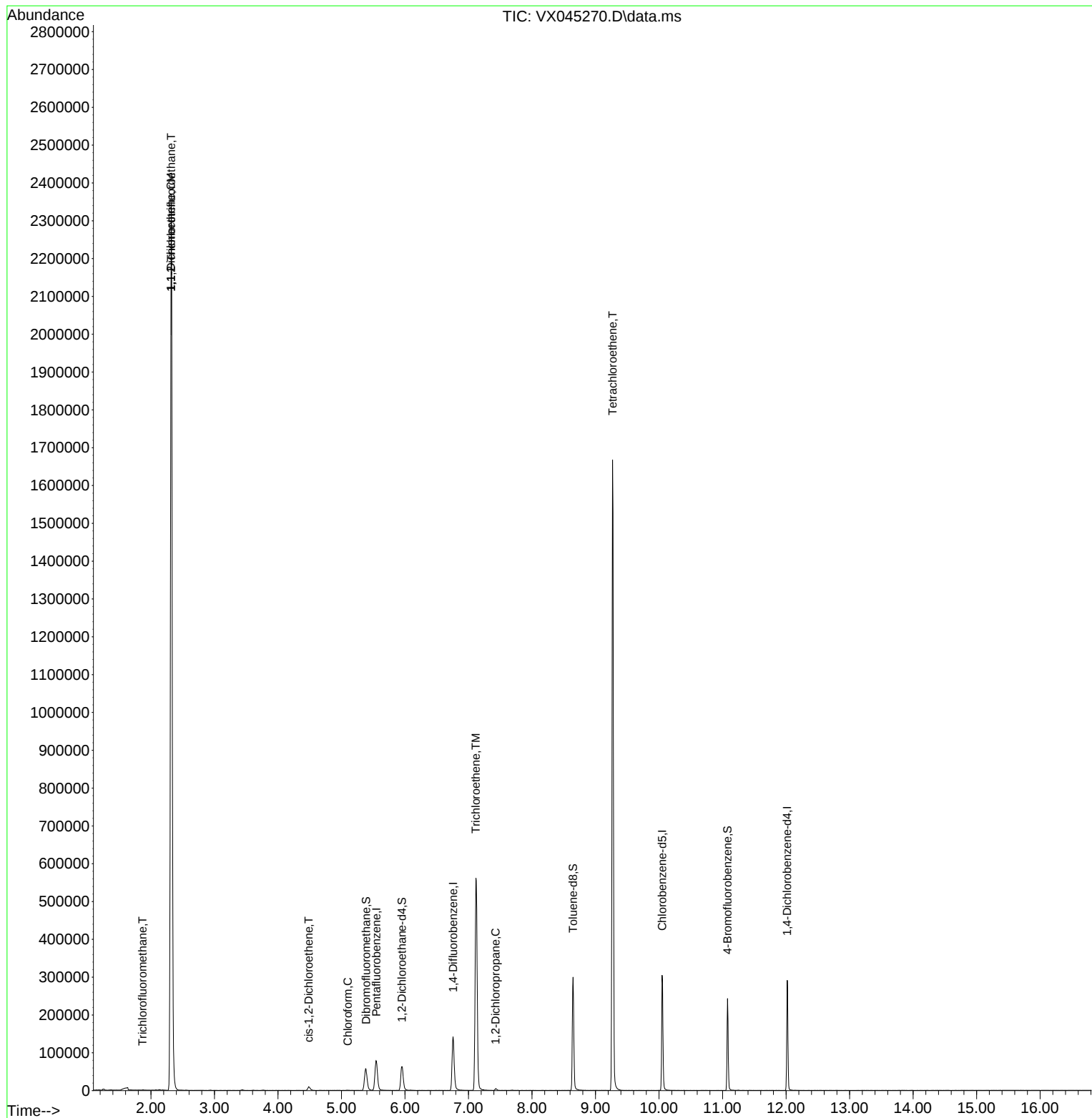
Internal Standards						
1) Pentafluorobenzene	5.550	168	71598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63045	55.357	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.720%	
35) Dibromofluoromethane	5.385	113	49789	52.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.080%	
50) Toluene-d8	8.647	98	177503	51.663	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	11.079	95	61704	54.197	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.400%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.868	101	496	0.342	ug/l #	79
9) 1,1,2-Trichlorotrifluo...	2.319	101	943563	1133.889	ug/l	98
12) 1,1-Dichloroethene	2.313	96	7686	8.736	ug/l	83
27) cis-1,2-Dichloroethene	4.483	96	5875	5.476	ug/l	93
30) Chloroform	5.099	83	908	0.512	ug/l	88
44) Trichloroethene	7.117	130	208649	216.513	ug/l	97
45) 1,2-Dichloropropane	7.427	63	1985	1.881	ug/l #	89
64) Tetrachloroethene	9.269	164	293280	354.736	ug/l	98

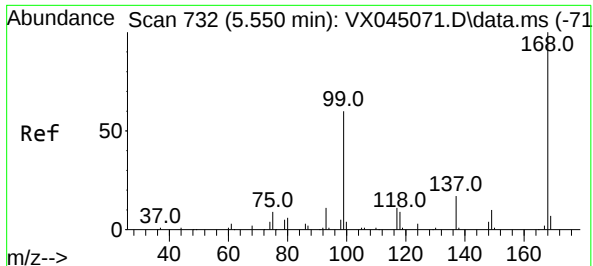
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE134D3-20250310

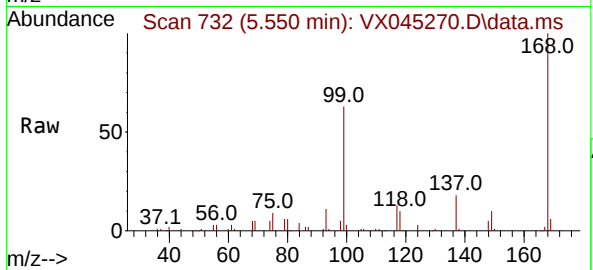
Quant Time: Mar 14 12:28:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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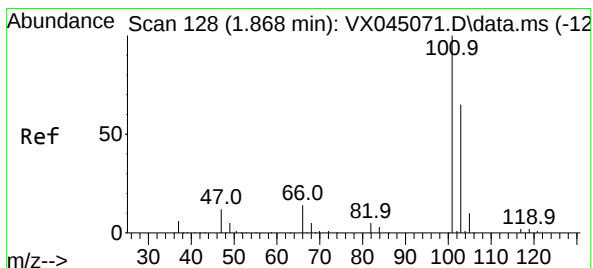
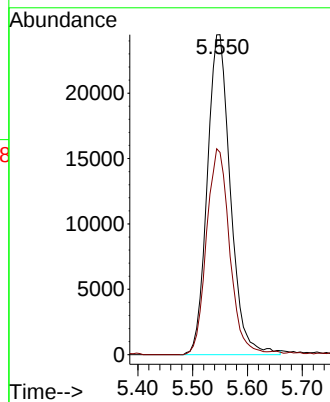
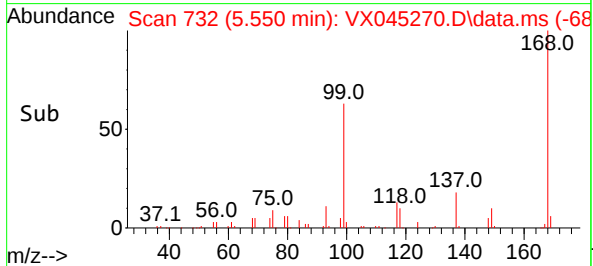


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310

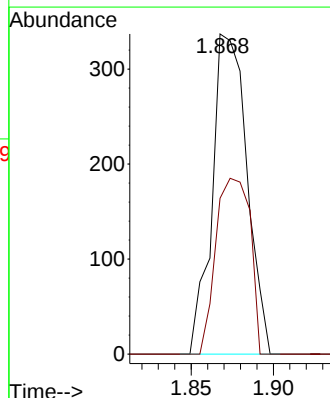
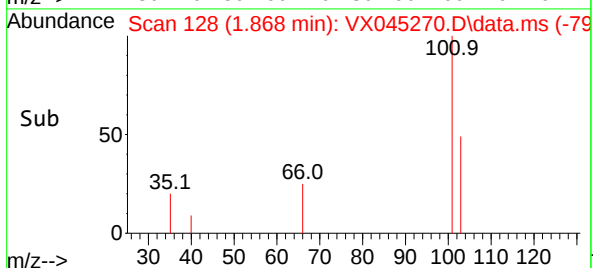
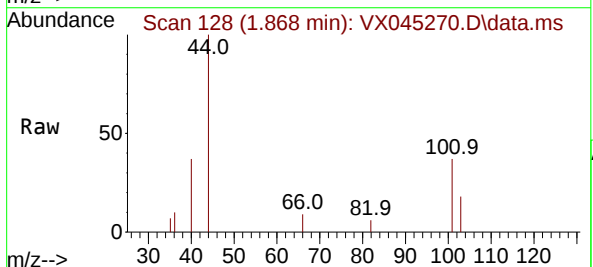


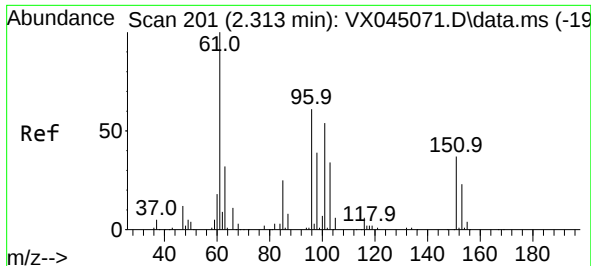
Tgt Ion:168 Resp: 71598
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#7
Trichlorofluoromethane
Concen: 0.342 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion:101 Resp: 496
Ion Ratio Lower Upper
101 100
103 48.7 52.1 78.1#

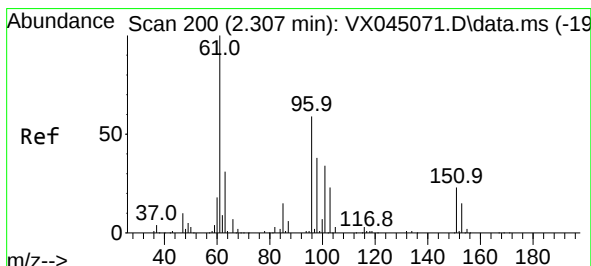
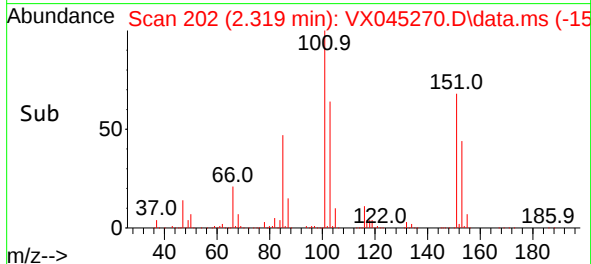
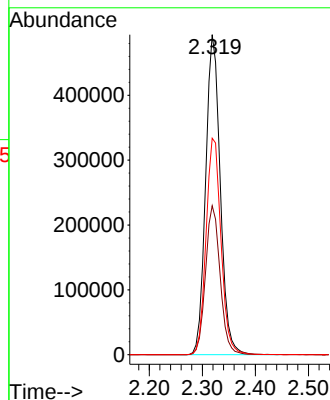
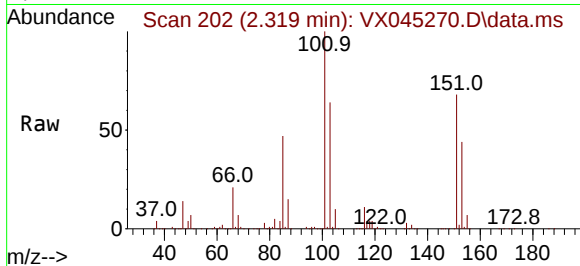




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1133.889 ug/l
 RT: 2.319 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045270.D
 Acq: 13 Mar 2025 15:33

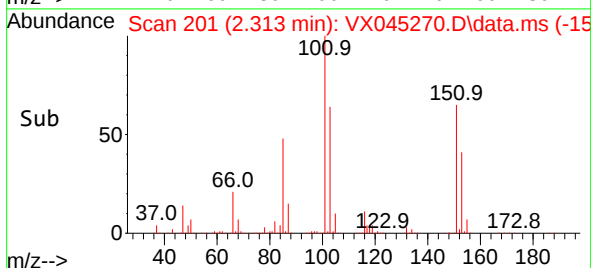
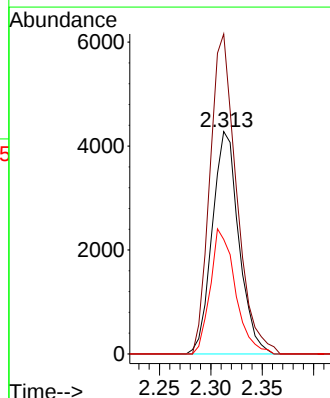
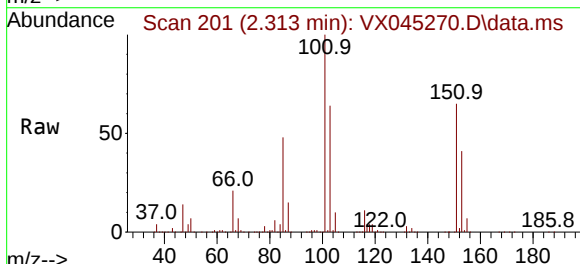
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20250310

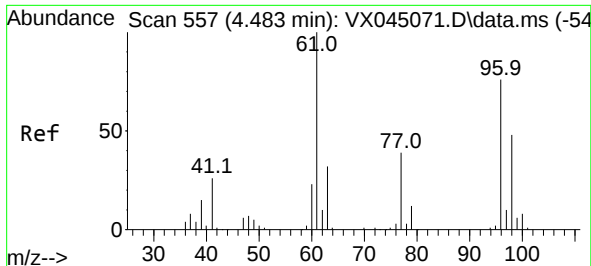
Tgt Ion:101 Resp: 943563
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.2 54.4
 151 69.3 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 8.736 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045270.D
 Acq: 13 Mar 2025 15:33

Tgt Ion: 96 Resp: 7686
 Ion Ratio Lower Upper
 96 100
 61 143.9 134.6 202.0
 98 51.5 51.0 76.6





#27

cis-1,2-Dichloroethene

Concen: 5.476 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045270.D

Acq: 13 Mar 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20250310

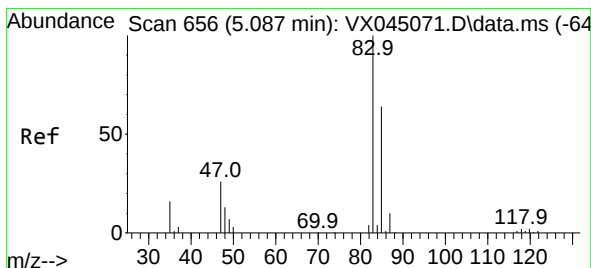
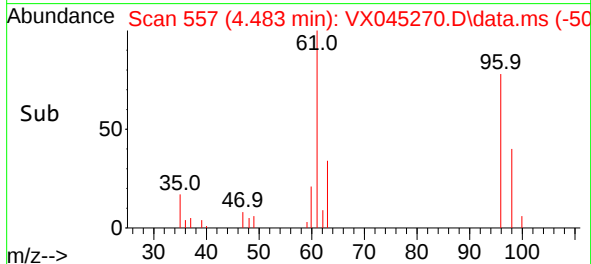
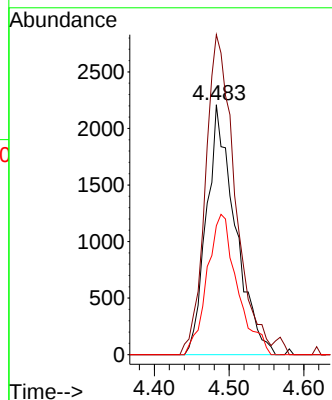
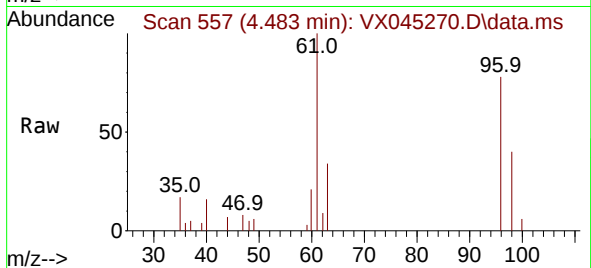
Tgt Ion: 96 Resp: 5875

Ion Ratio Lower Upper

96 100

61 133.0 0.0 283.2

98 59.3 0.0 128.0



#30

Chloroform

Concen: 0.512 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX045270.D

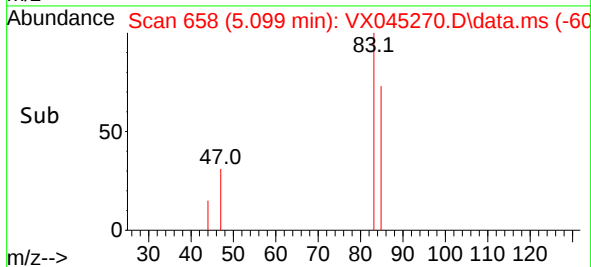
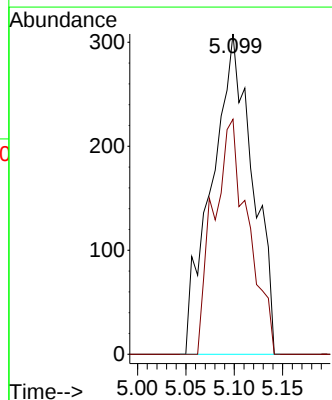
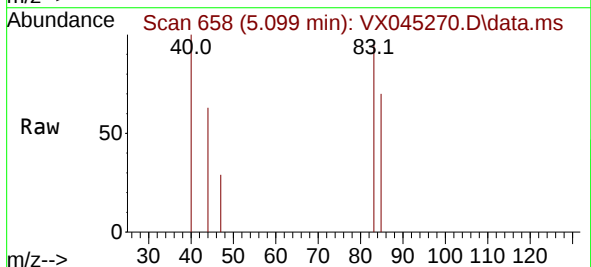
Acq: 13 Mar 2025 15:33

Tgt Ion: 83 Resp: 908

Ion Ratio Lower Upper

83 100

85 73.4 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 55.357 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045270.D

Acq: 13 Mar 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

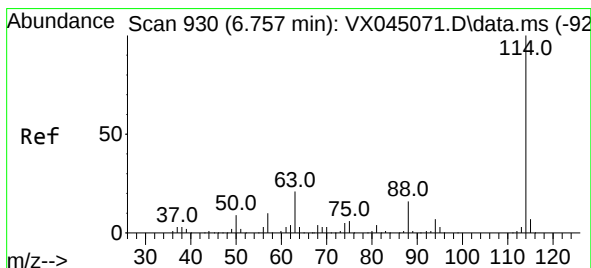
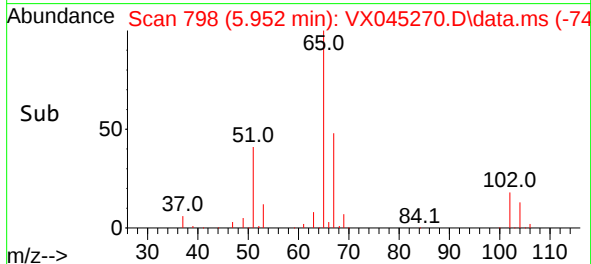
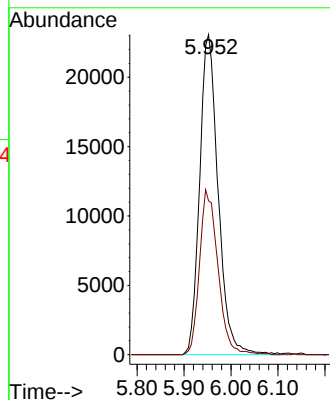
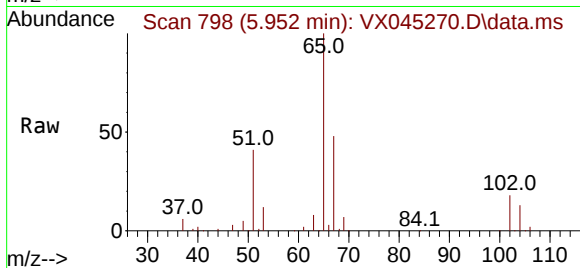
RE134D3-20250310

Tgt Ion: 65 Resp: 63045

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045270.D

Acq: 13 Mar 2025 15:33

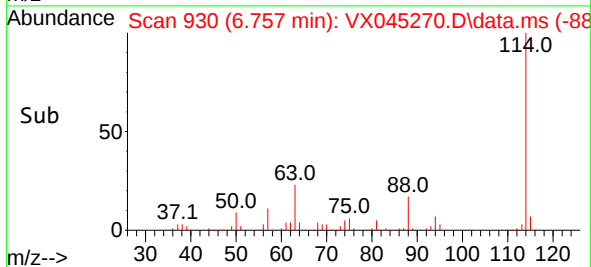
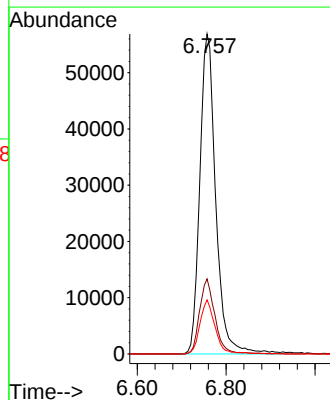
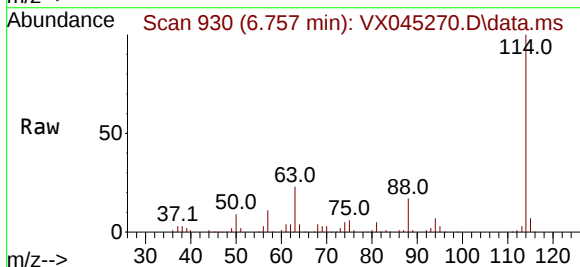
Tgt Ion: 114 Resp: 141729

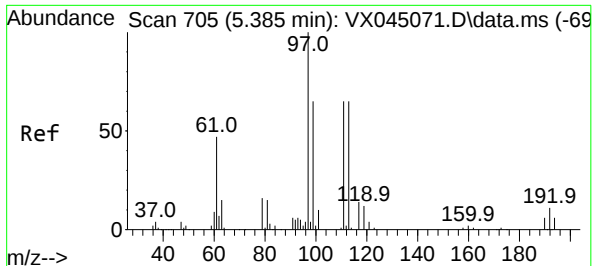
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.536 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045270.D

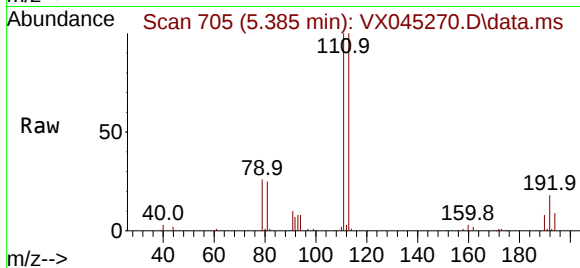
Acq: 13 Mar 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20250310



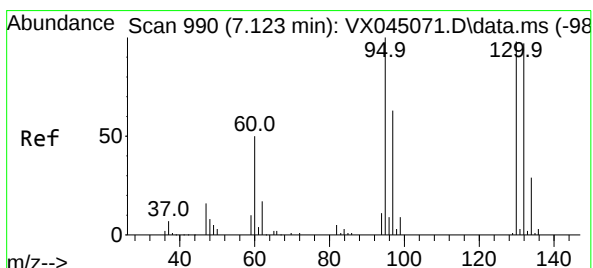
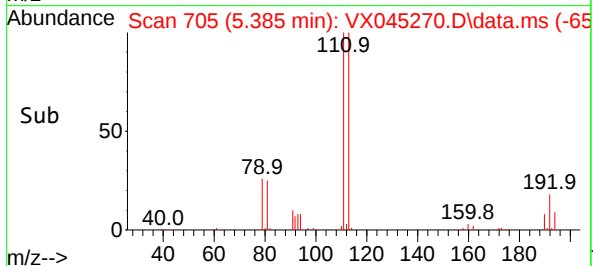
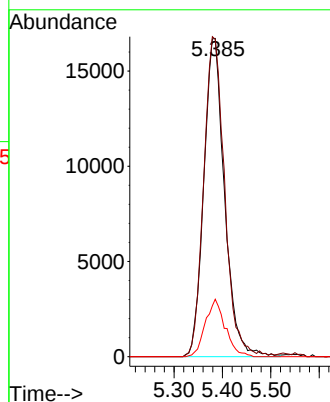
Tgt Ion:113 Resp: 49789

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.6

192 17.4 14.3 21.5



#44

Trichloroethene

Concen: 216.513 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045270.D

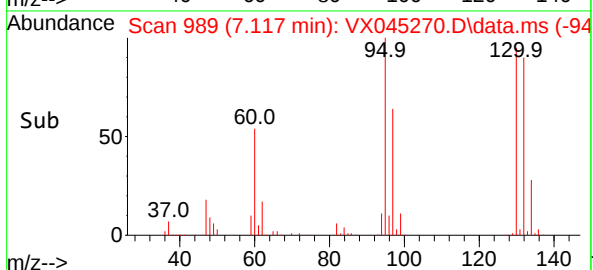
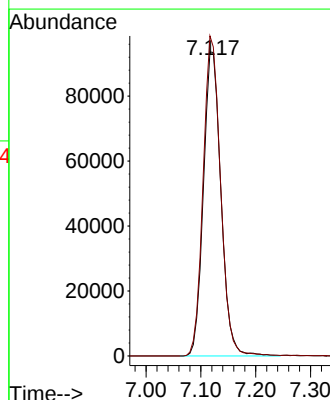
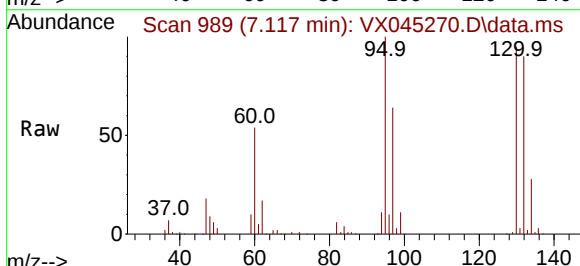
Acq: 13 Mar 2025 15:33

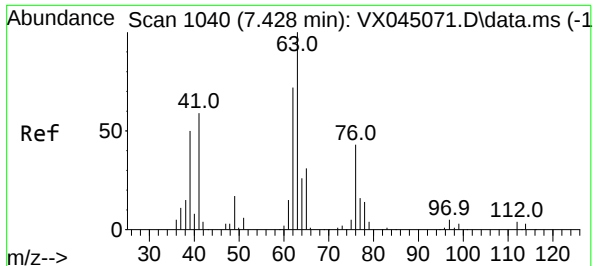
Tgt Ion:130 Resp: 208649

Ion Ratio Lower Upper

130 100

95 105.3 0.0 205.0





#45

1,2-Dichloropropane

Concen: 1.881 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045270.D

Acq: 13 Mar 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

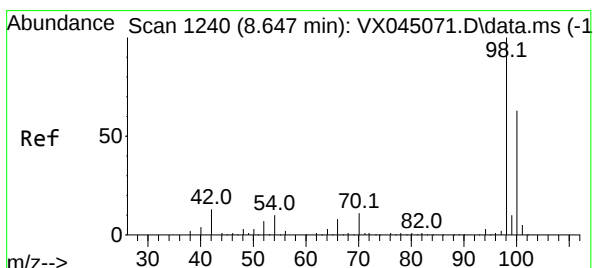
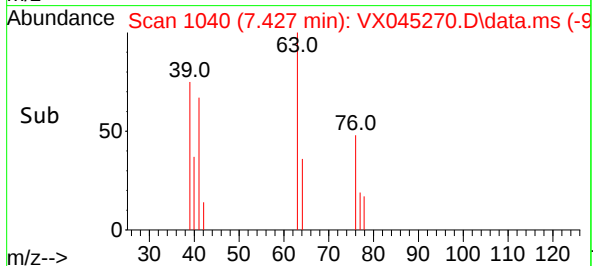
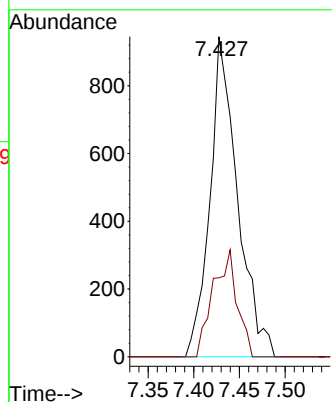
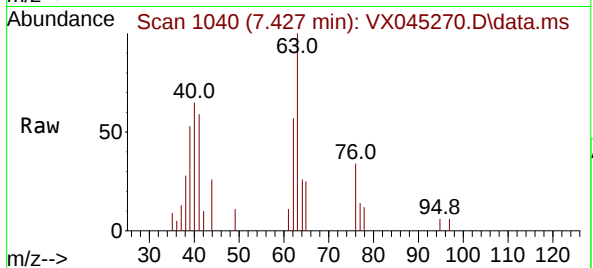
RE134D3-20250310

Tgt Ion: 63 Resp: 1985

Ion Ratio Lower Upper

63 100

65 24.7 24.7 37.1#



#50

Toluene-d8

Concen: 51.663 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045270.D

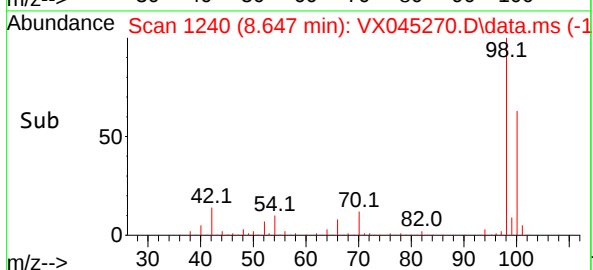
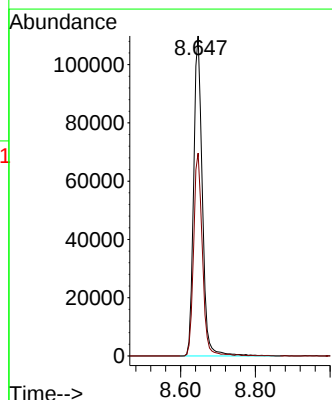
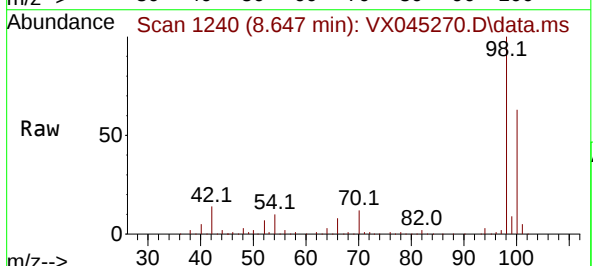
Acq: 13 Mar 2025 15:33

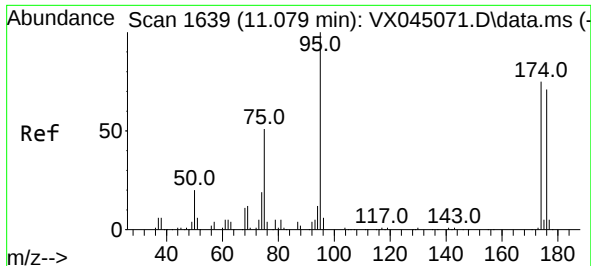
Tgt Ion: 98 Resp: 177503

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 54.197 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045270.D

Acq: 13 Mar 2025 15:33

Instrument :

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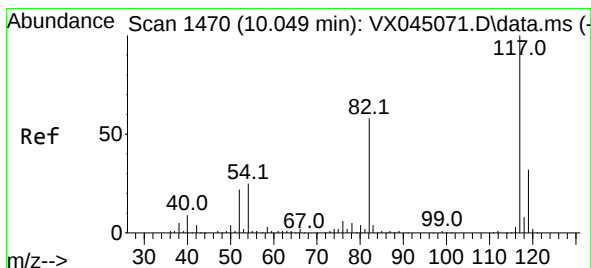
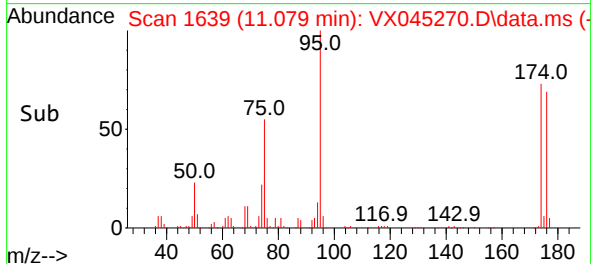
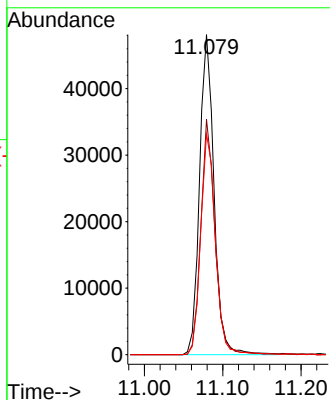
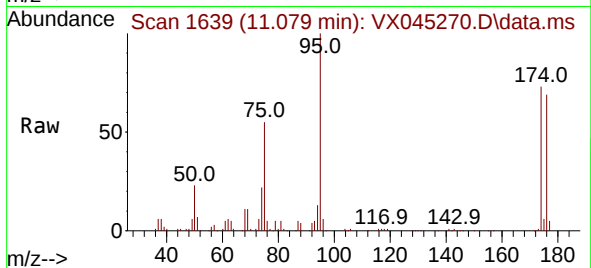
Tgt Ion: 95 Resp: 61704

Ion Ratio Lower Upper

95 100

174 71.8 0.0 148.2

176 70.1 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045270.D

Acq: 13 Mar 2025 15:33

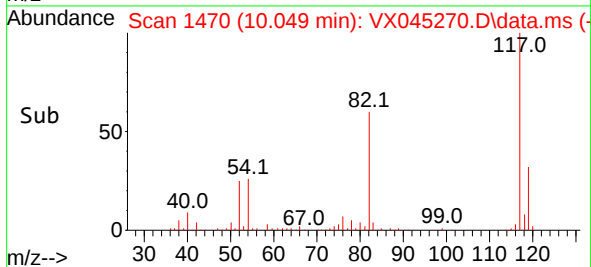
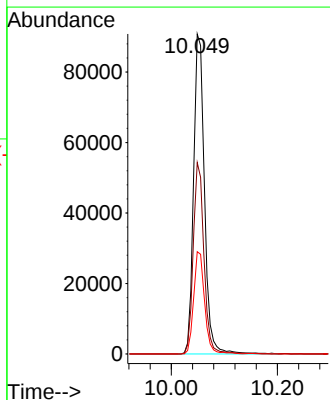
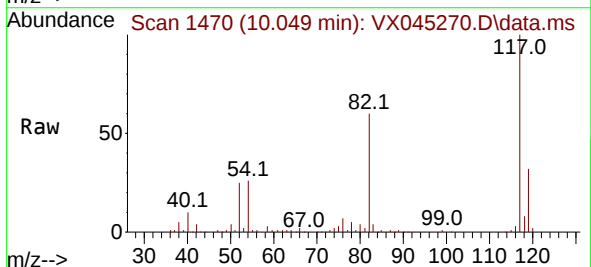
Tgt Ion: 117 Resp: 129088

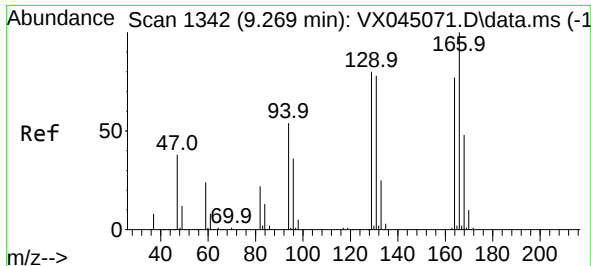
Ion Ratio Lower Upper

117 100

82 59.8 46.3 69.5

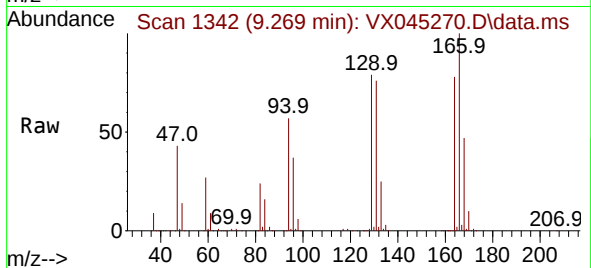
119 32.0 25.7 38.5



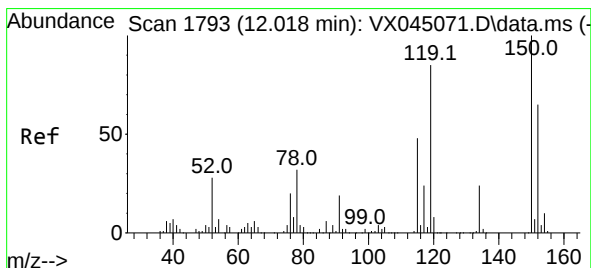
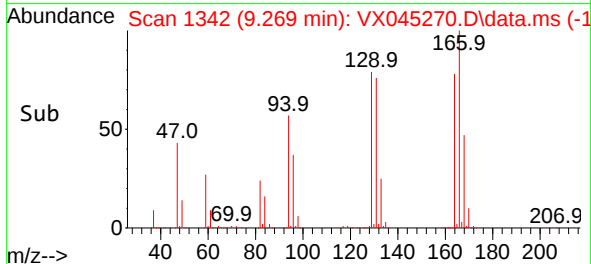
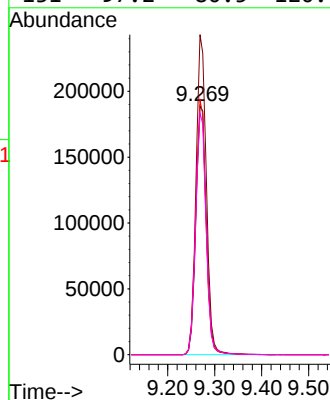


#64
Tetrachloroethene
Concen: 354.736 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20250310



Tgt Ion:164 Resp: 293280
Ion Ratio Lower Upper
164 100
166 128.7 103.6 155.4
129 102.2 82.7 124.1
131 97.2 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045270.D
Acq: 13 Mar 2025 15:33

Tgt Ion:152 Resp: 55430
Ion Ratio Lower Upper
152 100
115 63.5 44.2 132.6
150 157.0 0.0 349.0

