

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021635.D
 Acq On : 25 Mar 2025 14:59
 Operator : SY/MD
 Sample : Q1636-15
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Mar 26 01:36:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

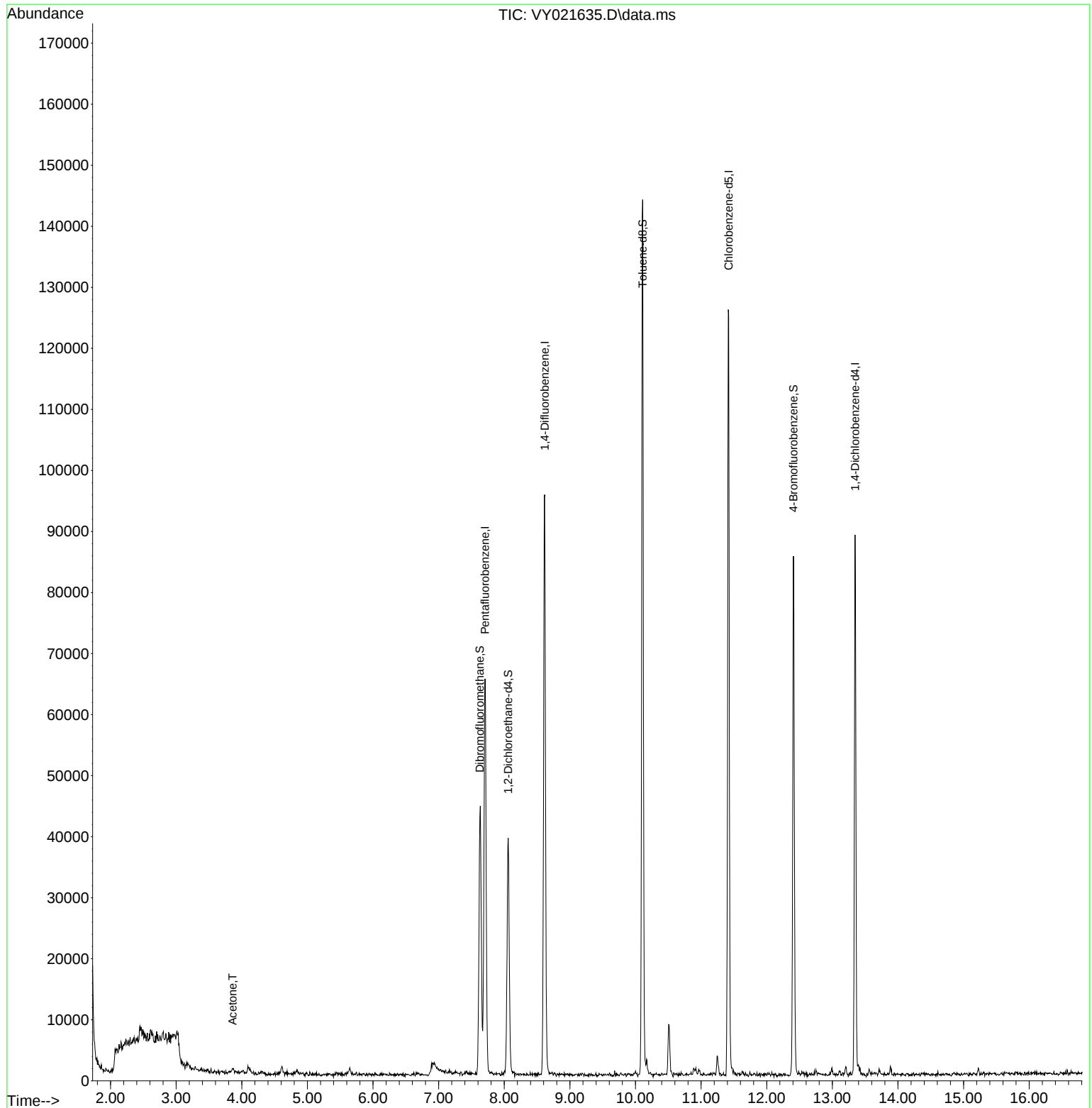
Internal Standards						
1) Pentafluorobenzene	7.707	168	47374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	79432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	68284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	22149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30809	61.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.060%	
35) Dibromofluoromethane	7.628	113	30182	57.807	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.109	98	94114	47.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.408	95	24320	36.166	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 72.340%	
Target Compounds						Qvalue
16) Acetone	3.860	43	1510	13.827	ug/l	92

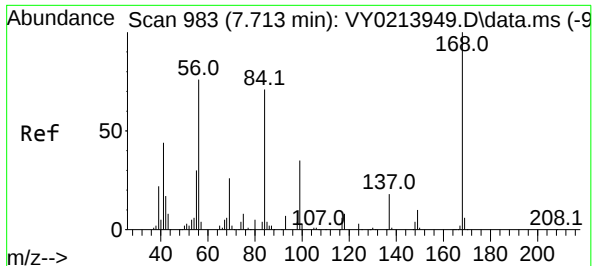
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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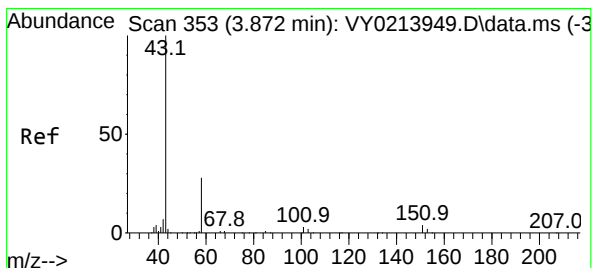
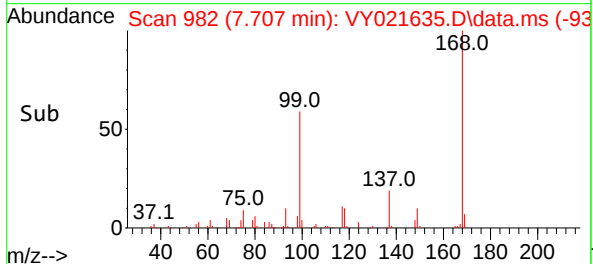
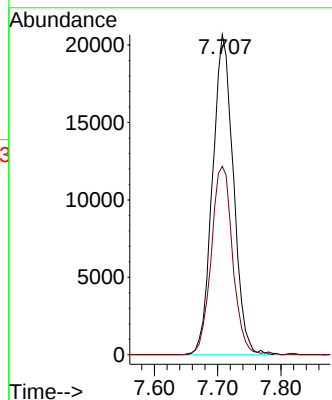
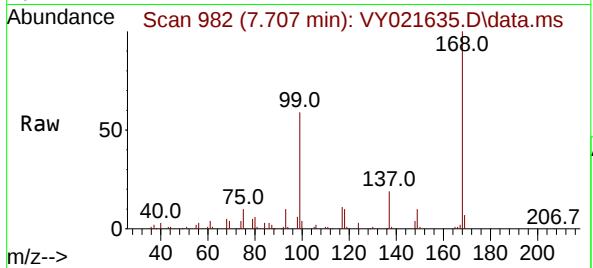




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021635.D
Acq: 25 Mar 2025 14:59

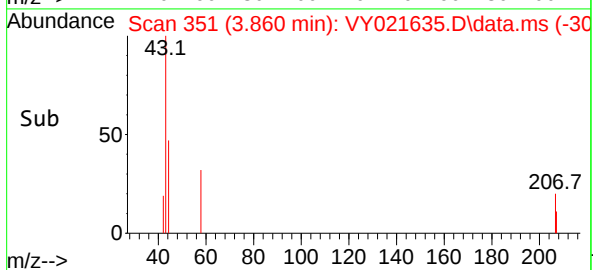
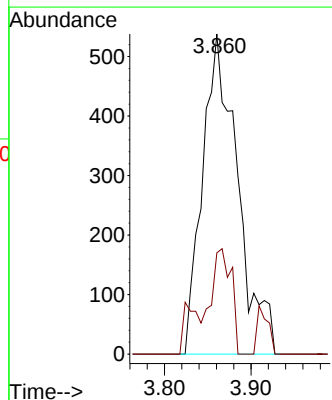
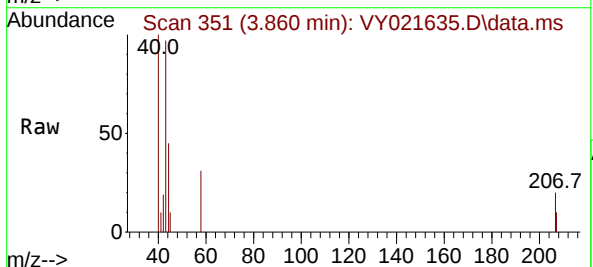
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

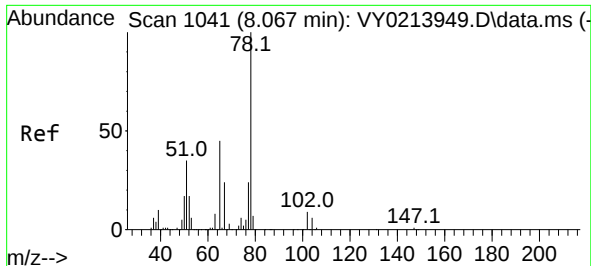
Tgt Ion:168 Resp: 47374
Ion Ratio Lower Upper
168 100
99 58.8 46.0 69.0



#16
Acetone
Concen: 13.827 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021635.D
Acq: 25 Mar 2025 14:59

Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
58 31.6 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 61.530 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021635.D

Acq: 25 Mar 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

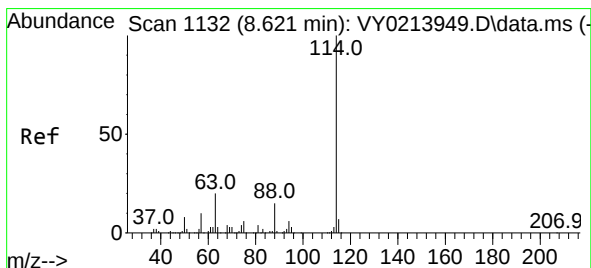
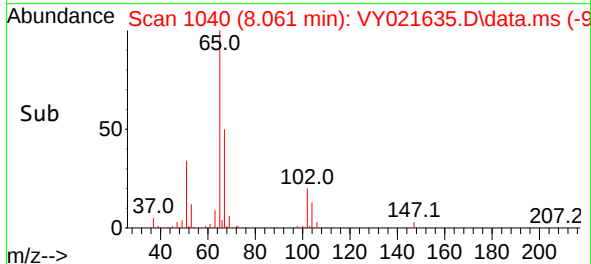
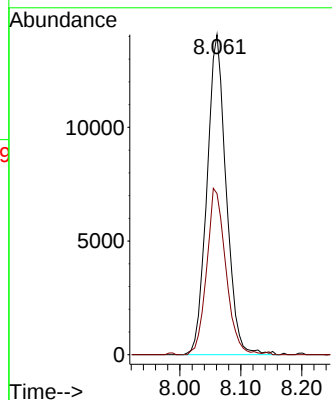
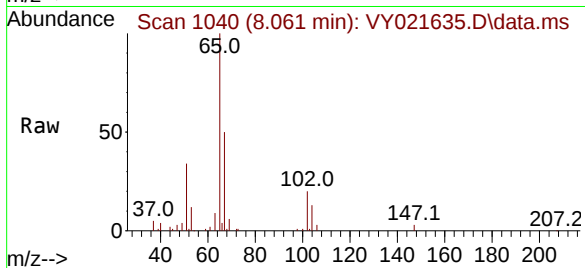
WC-4-VOC

Tgt Ion: 65 Resp: 30809

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021635.D

Acq: 25 Mar 2025 14:59

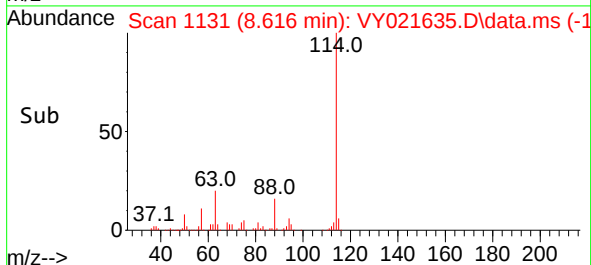
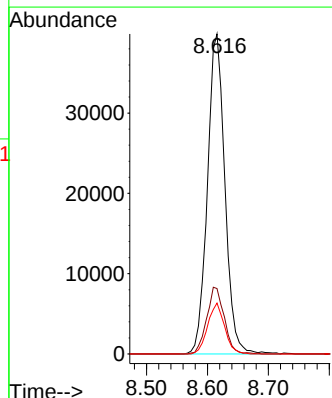
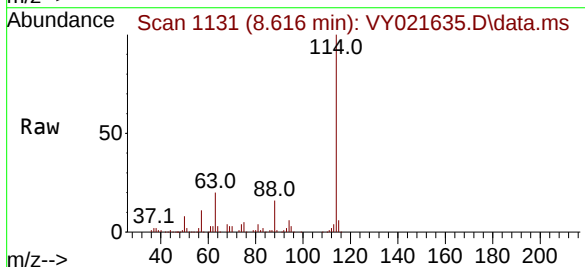
Tgt Ion: 114 Resp: 79432

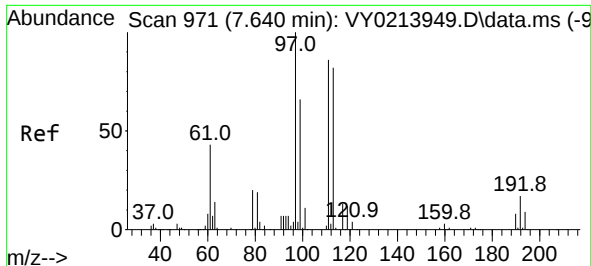
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 57.807 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021635.D

Acq: 25 Mar 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

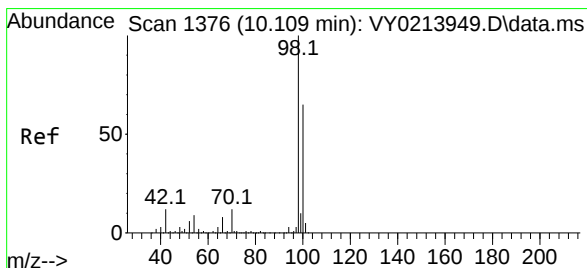
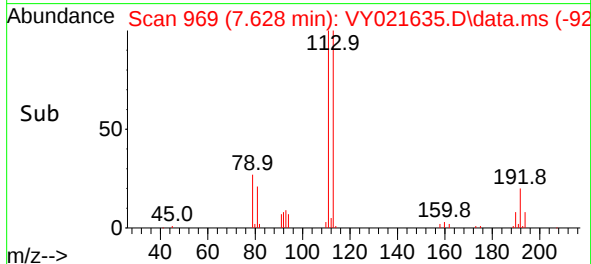
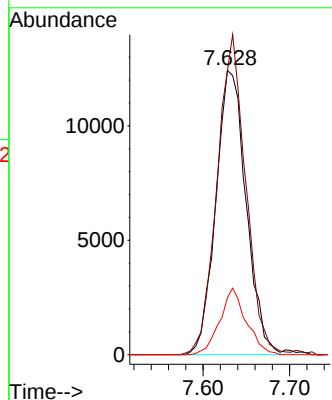
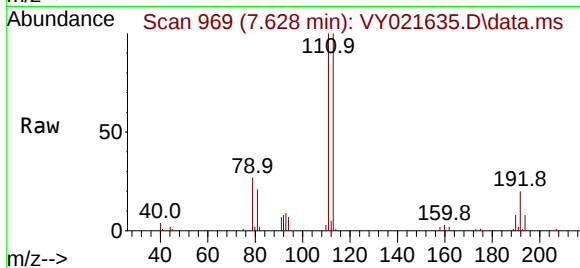
Tgt Ion:113 Resp: 30182

Ion Ratio Lower Upper

113 100

111 106.0 82.0 123.0

192 20.4 15.9 23.9



#50

Toluene-d8

Concen: 47.607 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021635.D

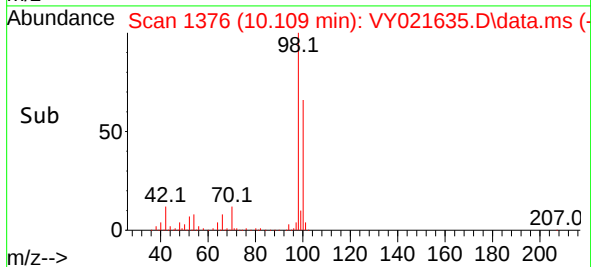
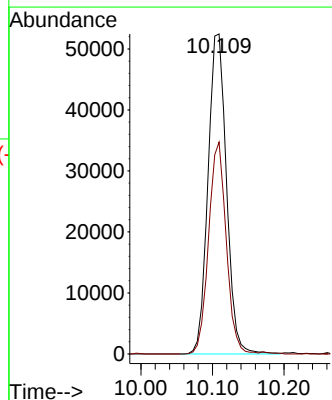
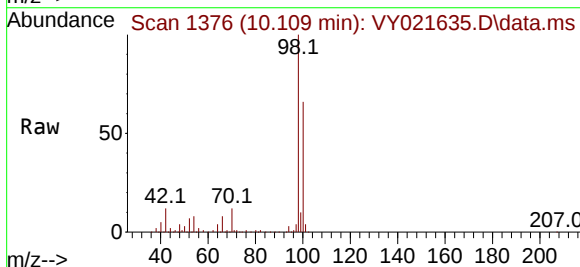
Acq: 25 Mar 2025 14:59

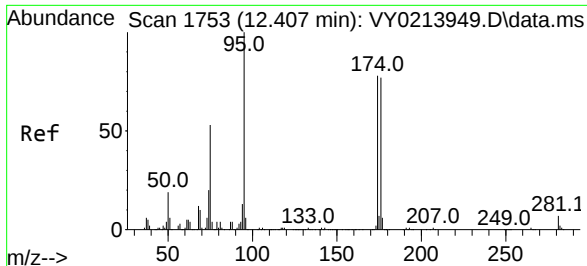
Tgt Ion: 98 Resp: 94114

Ion Ratio Lower Upper

98 100

100 63.2 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 36.166 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021635.D

Acq: 25 Mar 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

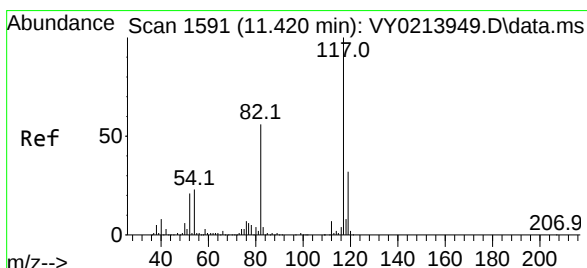
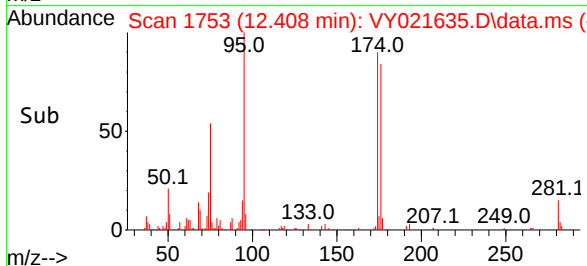
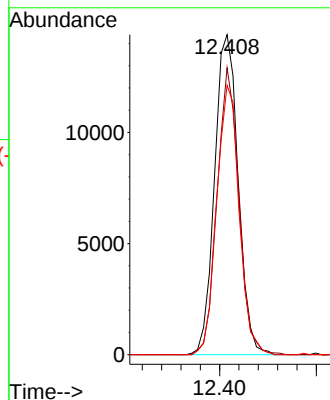
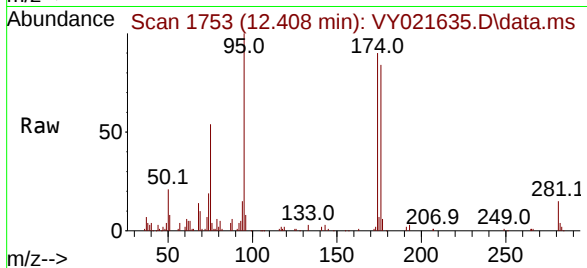
Tgt Ion: 95 Resp: 24320

Ion Ratio Lower Upper

95 100

174 82.9 0.0 165.0

176 80.6 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021635.D

Acq: 25 Mar 2025 14:59

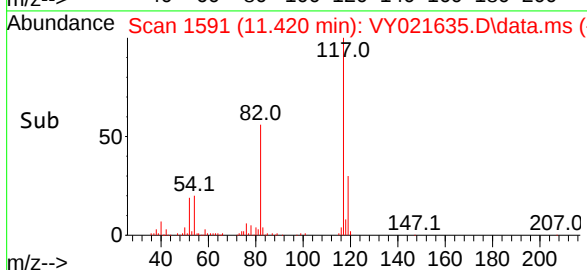
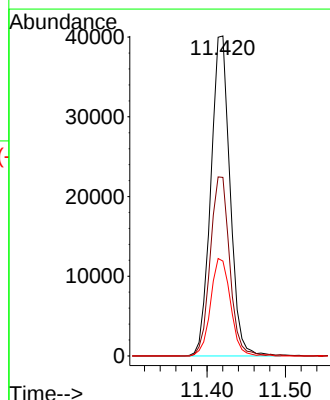
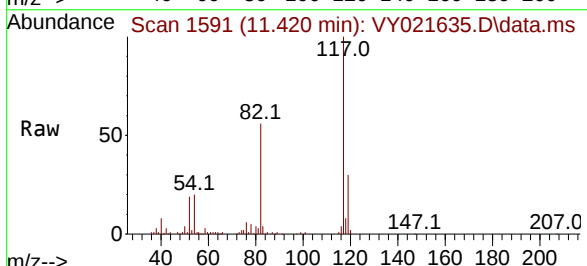
Tgt Ion: 117 Resp: 68284

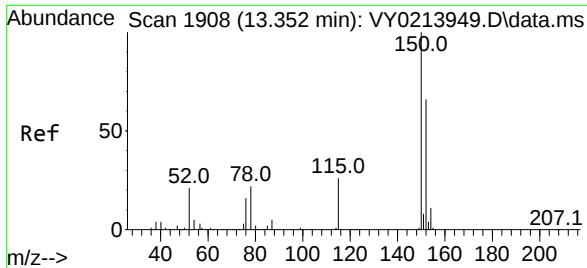
Ion Ratio Lower Upper

117 100

82 55.8 44.6 67.0

119 29.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021635.D

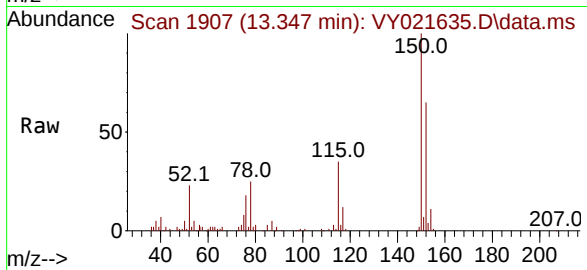
Acq: 25 Mar 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC



Tgt Ion:152 Resp: 22149

Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.0

150 150.8 0.0 347.2

