

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021169.D
 Acq On : 11 Feb 2025 12:44
 Operator : SY/MD
 Sample : Q1343-15
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-13-VOC

Quant Time: Feb 12 01:02:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	158988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	298324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	283829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	115186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	104027	63.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.720%
35) Dibromofluoromethane	7.640	113	99863	52.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.115	98	364464	50.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.413	95	123107	51.772	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.540%

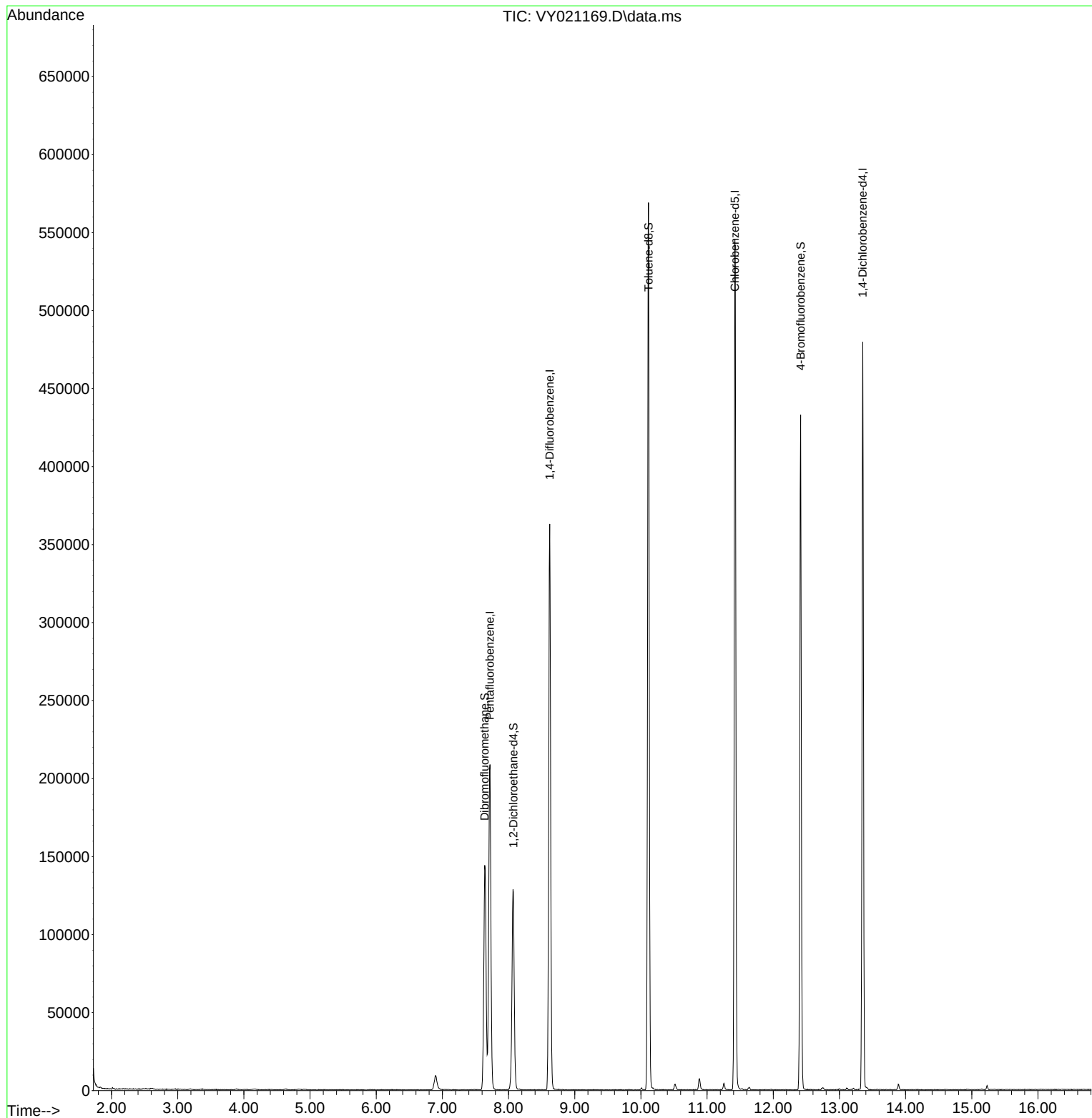
Target Compounds	Qvalue

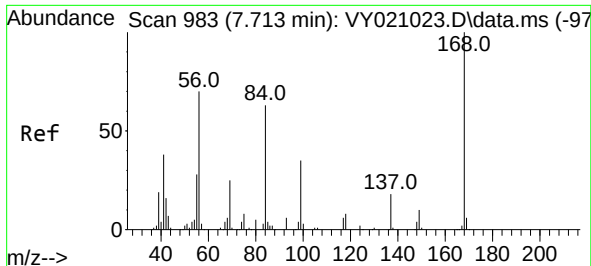
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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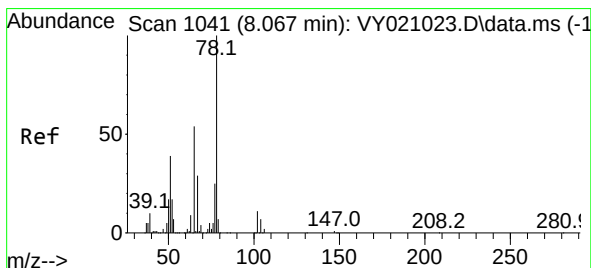
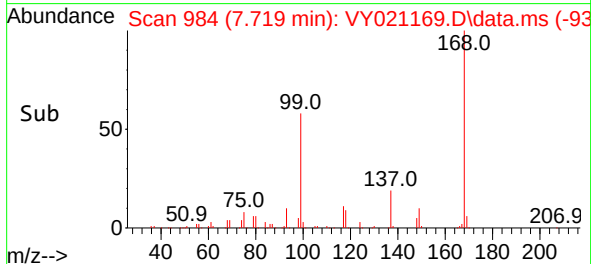
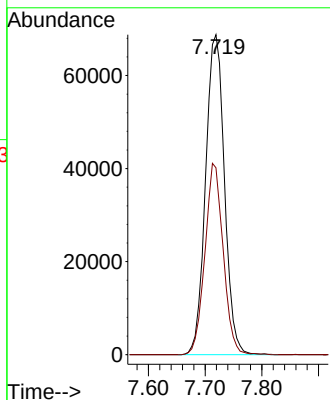
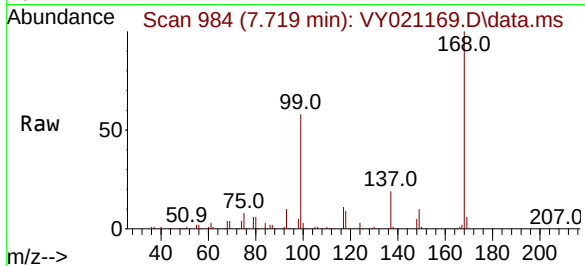




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

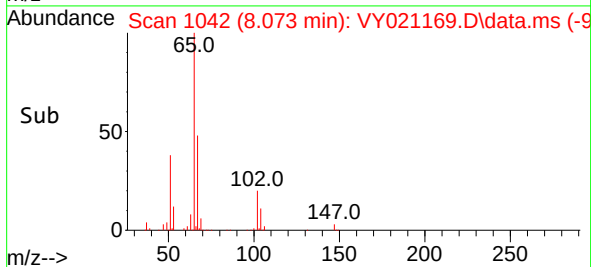
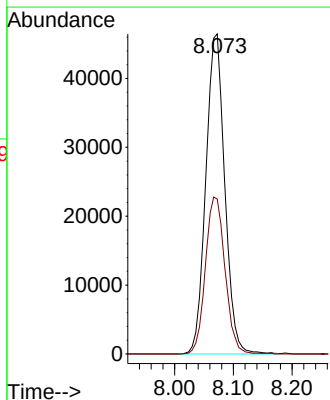
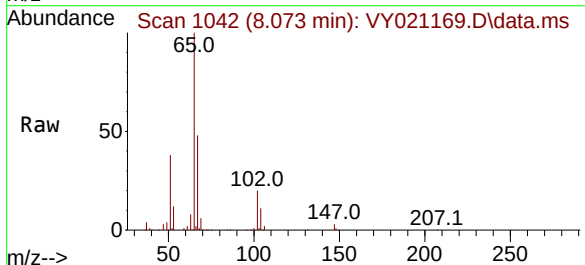
Instrument :
MSVOA_Y
ClientSampleId :
WC-13-VOC

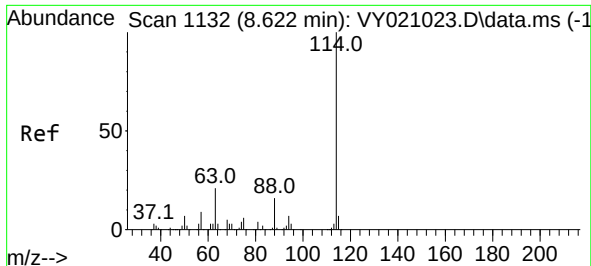
Tgt Ion:168 Resp: 158988
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.861 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

Tgt Ion: 65 Resp: 104027
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.001 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-13-VOC

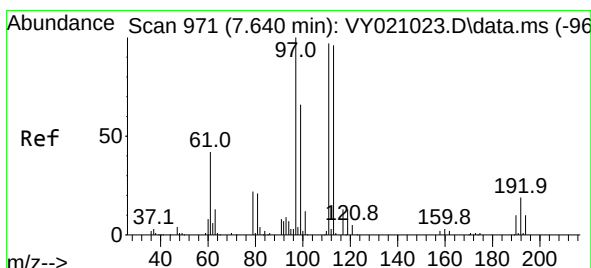
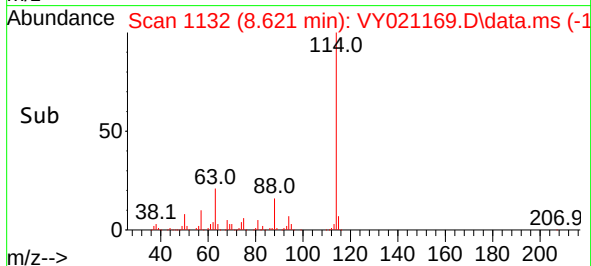
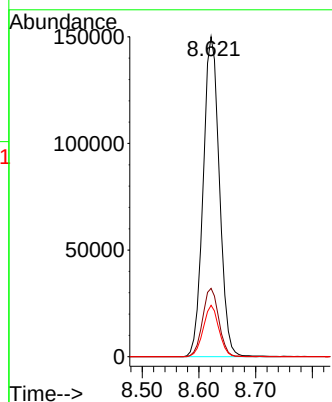
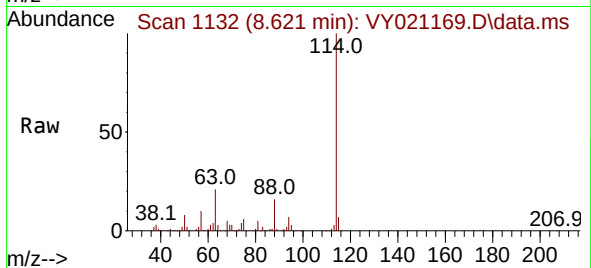
Tgt Ion:114 Resp: 298324

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 16.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.233 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.001 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

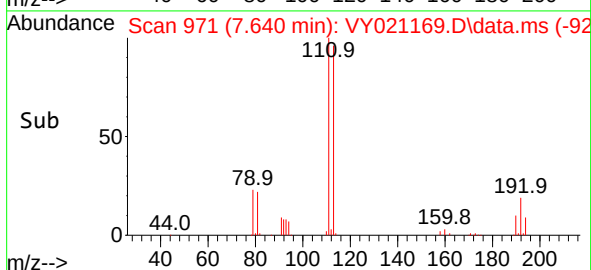
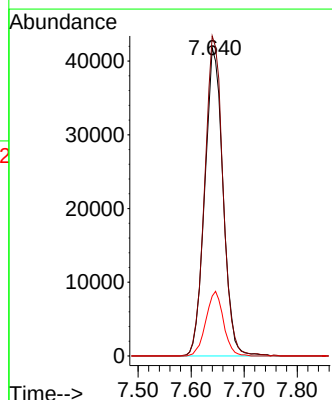
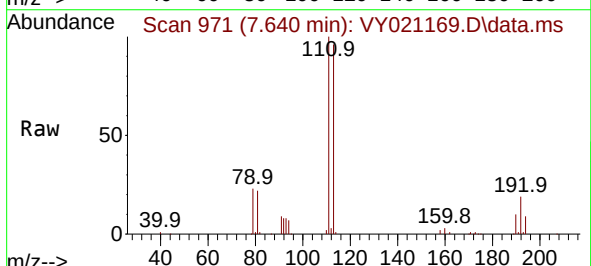
Tgt Ion:113 Resp: 99863

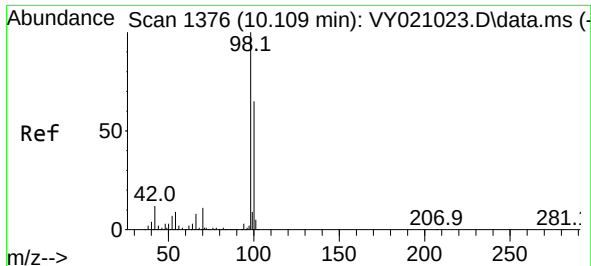
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 20.2 14.5 21.7

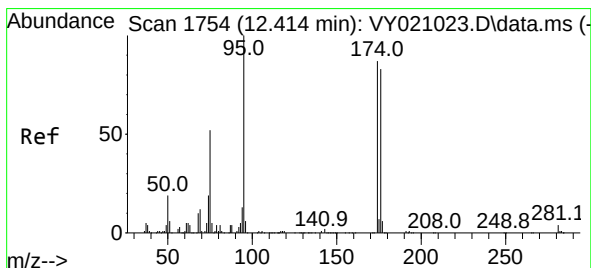
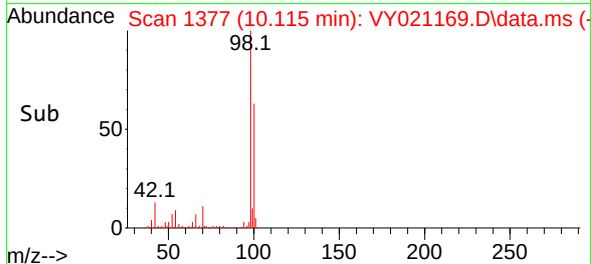
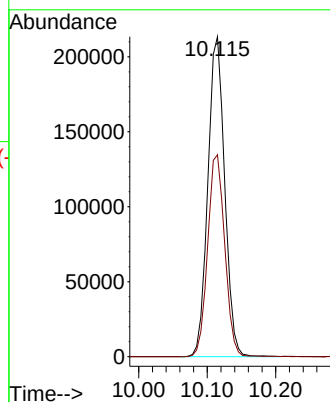
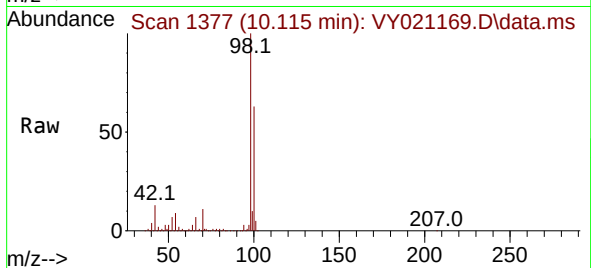




#50
Toluene-d8
Concen: 50.074 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

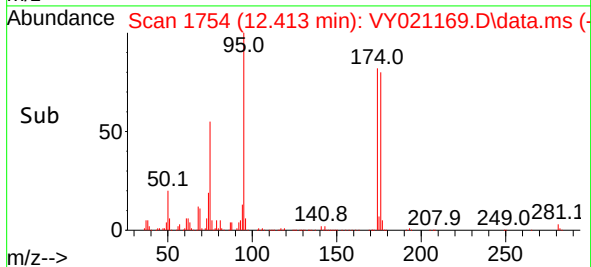
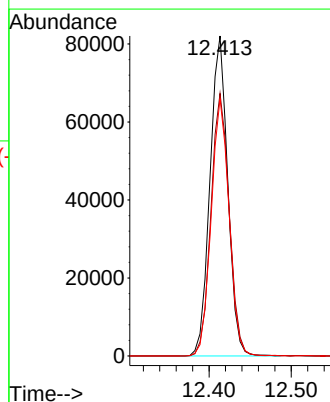
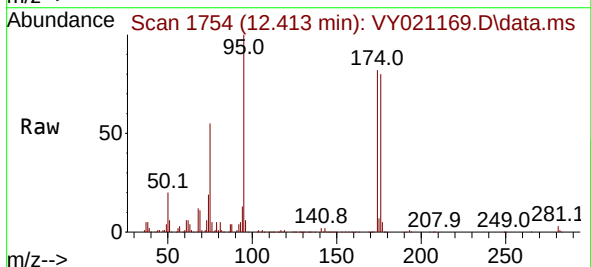
Instrument :
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WC-13-VOC

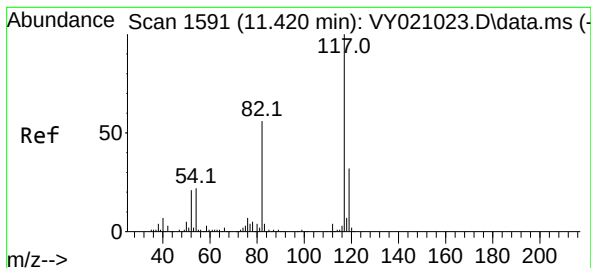
Tgt Ion: 98 Resp: 364464
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.772 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.001 min
Lab File: VY021169.D
Acq: 11 Feb 2025 12:44

Tgt Ion: 95 Resp: 123107
Ion Ratio Lower Upper
95 100
174 84.4 0.0 160.0
176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-13-VOC

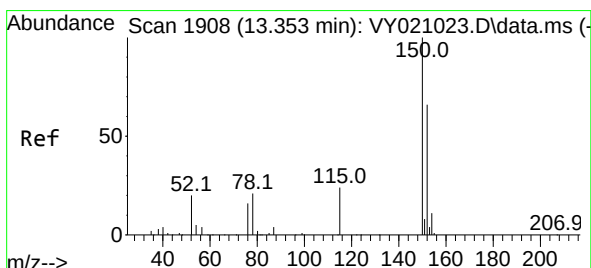
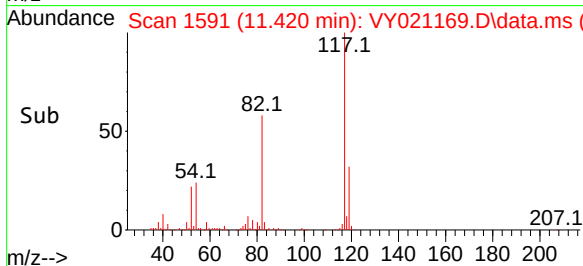
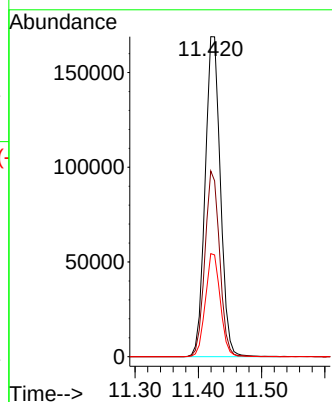
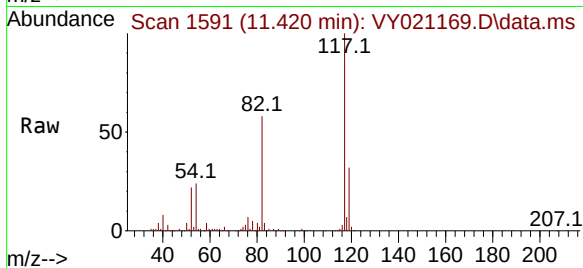
Tgt Ion:117 Resp: 283829

Ion Ratio Lower Upper

117 100

82 58.0 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.001 min

Lab File: VY021169.D

Acq: 11 Feb 2025 12:44

Tgt Ion:152 Resp: 115186

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 156.6 0.0 344.6

