

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019364.D
 Acq On : 29 Aug 2024 07:31
 Operator : SY/MD
 Sample : P3735-08
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-13-VOC

Quant Time: Aug 29 07:55:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	33717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	53402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	43868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	10181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	16835	49.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.628	113	17506	50.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.103	98	58882	46.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.407	95	11851	27.666	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.340%

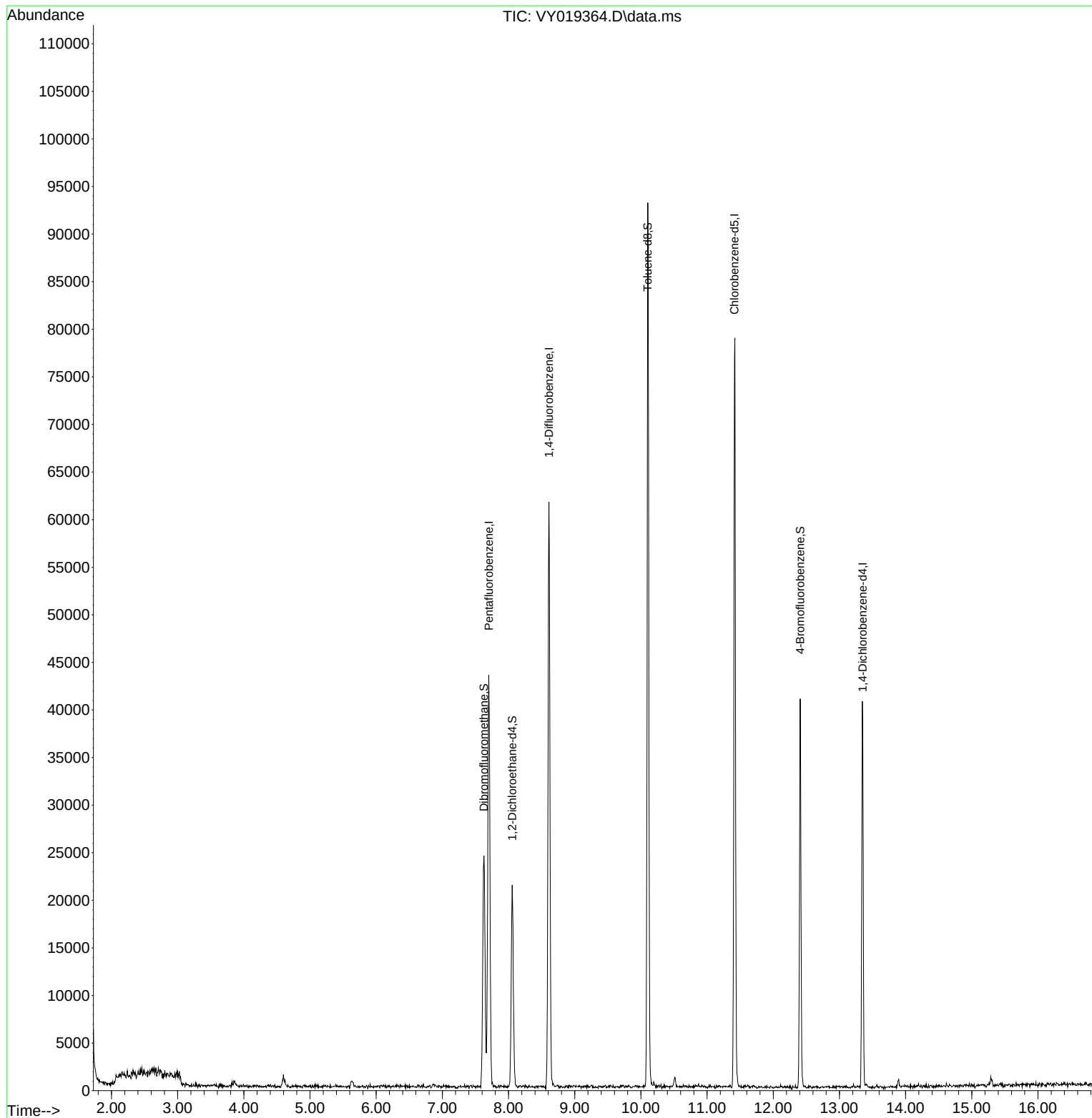
Target Compounds	Qvalue

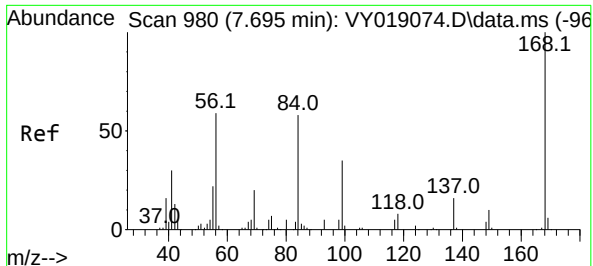
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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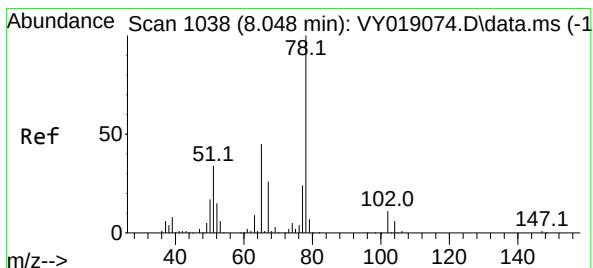
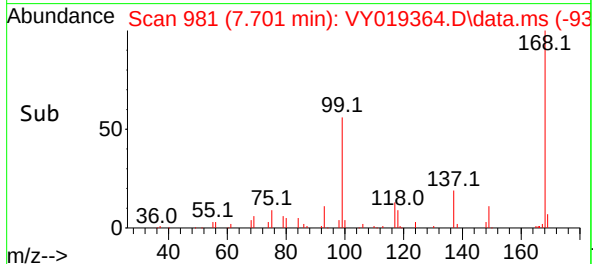
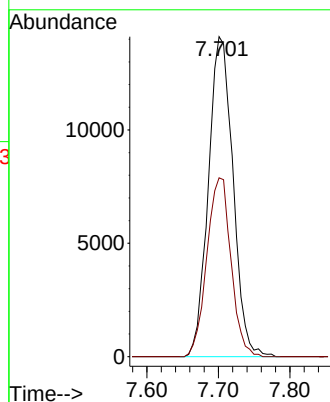
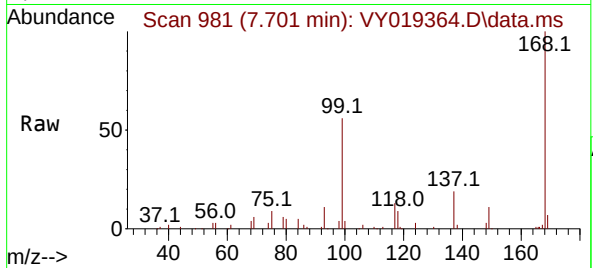




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

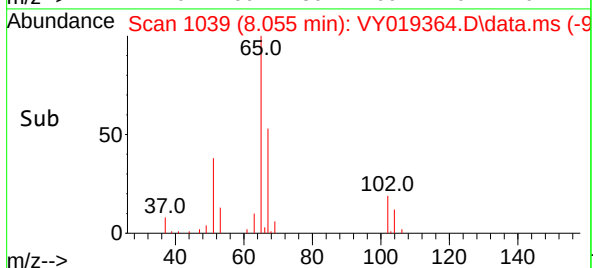
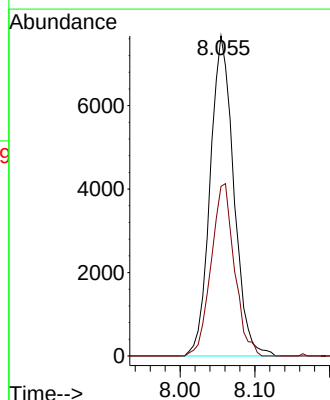
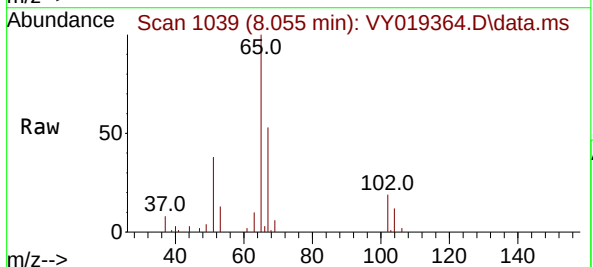
Instrument :
MSVOA_Y
ClientSampleId :
WC-13-VOC

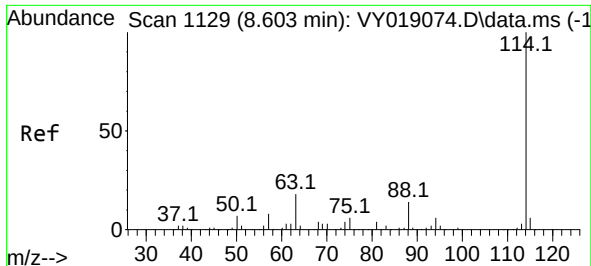
Tgt Ion:168 Resp: 33717
Ion Ratio Lower Upper
168 100
99 55.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.810 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019364.D
Acq: 29 Aug 2024 07:31

Tgt Ion: 65 Resp: 16835
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

Instrument :

MSVOA_Y

ClientSampleId :

WC-13-VOC

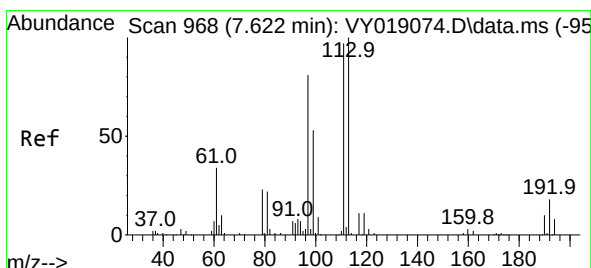
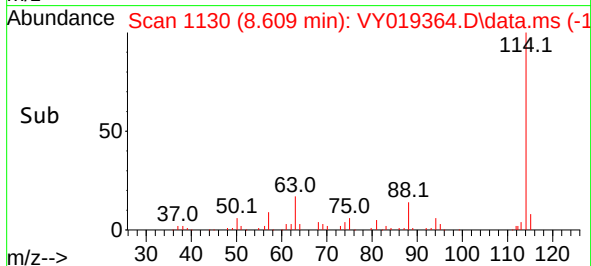
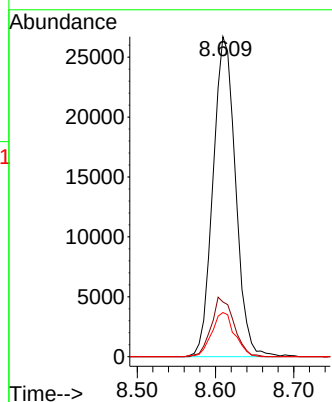
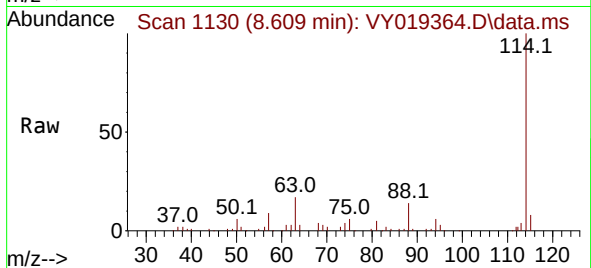
Tgt Ion:114 Resp: 53402

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.135 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

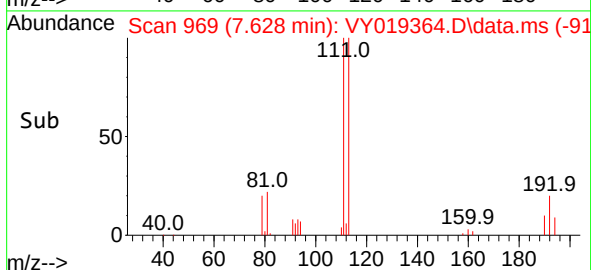
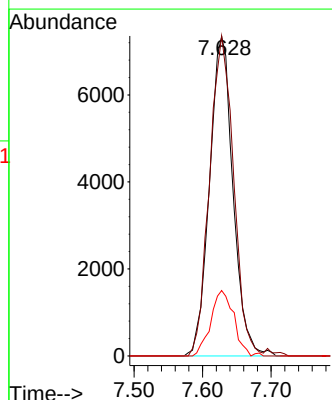
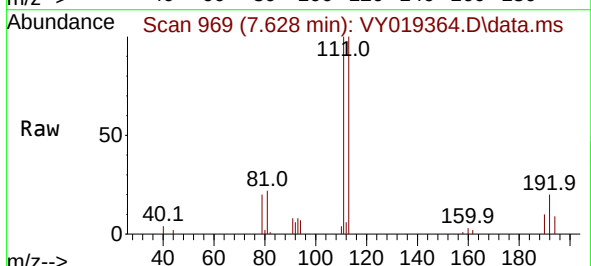
Tgt Ion:113 Resp: 17506

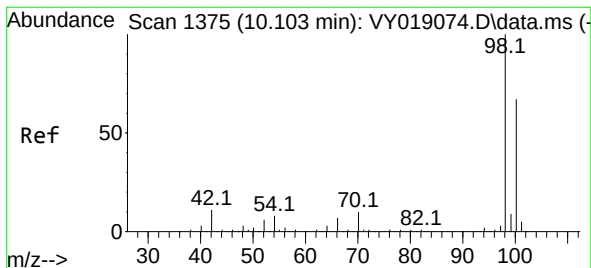
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 20.1 15.9 23.9





#50

Toluene-d8

Concen: 46.860 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

Instrument :

MSVOA_Y

ClientSampleId :

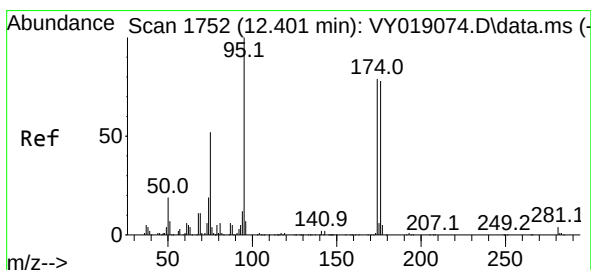
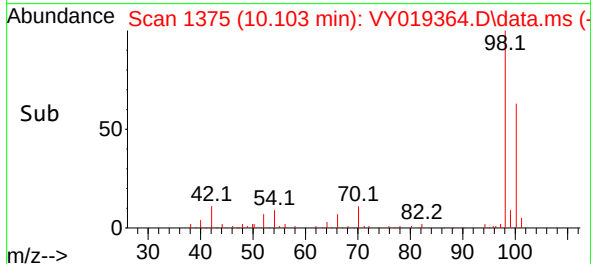
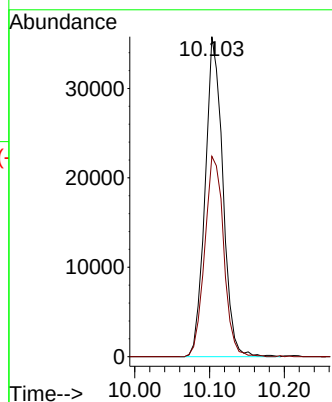
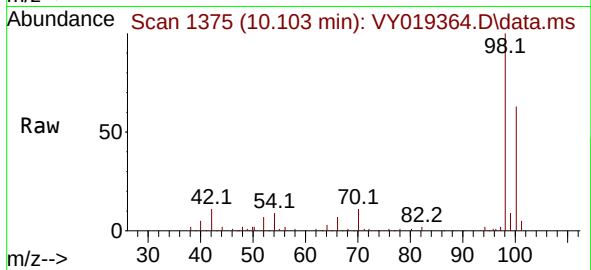
WC-13-VOC

Tgt Ion: 98 Resp: 58882

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.666 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

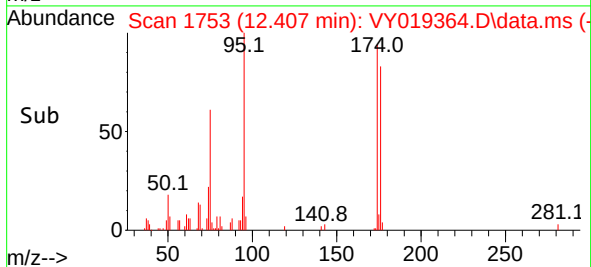
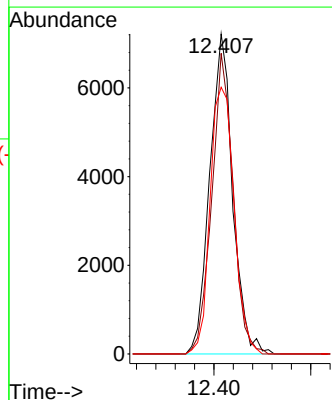
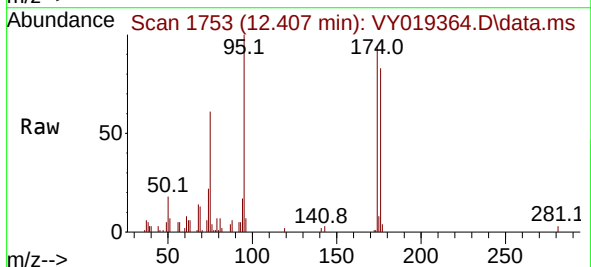
Tgt Ion: 95 Resp: 11851

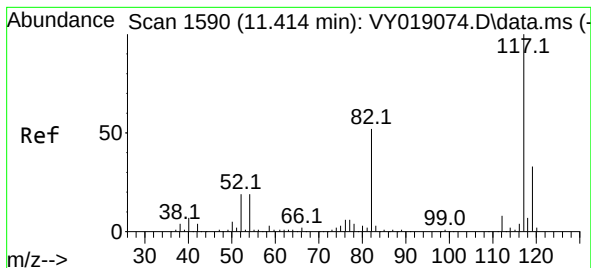
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.6

176 87.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

Instrument :

MSVOA_Y

ClientSampleId :

WC-13-VOC

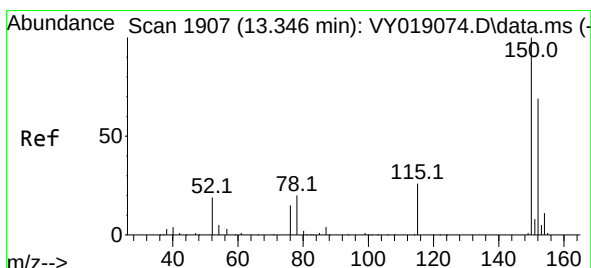
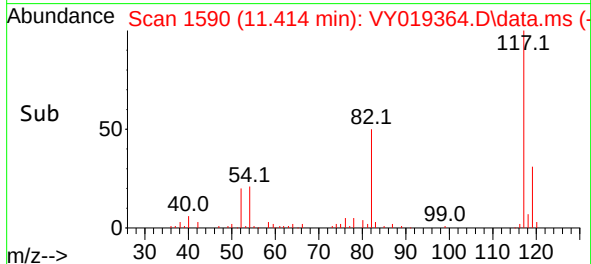
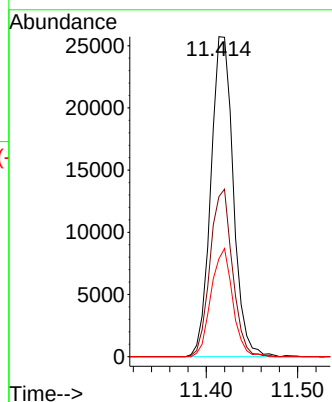
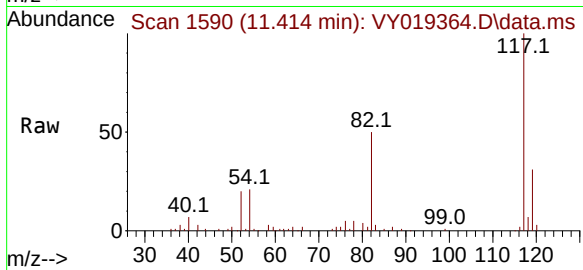
Tgt Ion:117 Resp: 43868

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 30.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019364.D

Acq: 29 Aug 2024 07:31

Tgt Ion:152 Resp: 10181

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 156.6 0.0 345.6

