

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019484.D
 Acq On : 10 Sep 2024 13:50
 Operator : SY/MD
 Sample : P3906-03
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-701-VOC-01

Quant Time: Sep 11 01:49:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	130086	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	216948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	163443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	58161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	56582	46.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.940%
35) Dibromofluoromethane	7.634	113	62769	51.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.060%
50) Toluene-d8	10.109	98	245658	53.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.408	95	71437	40.835	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	81.680%

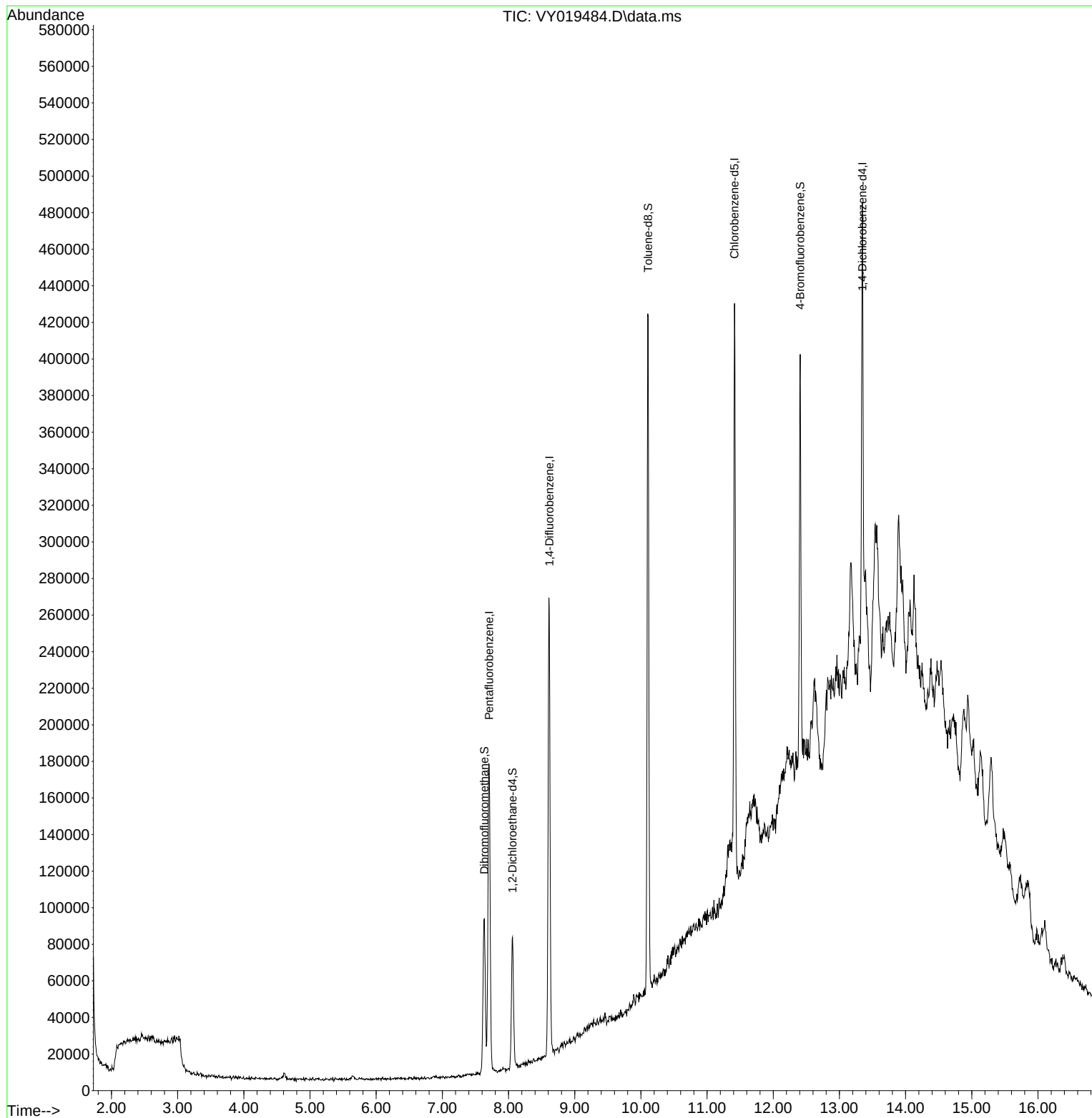
Target Compounds	Qvalue

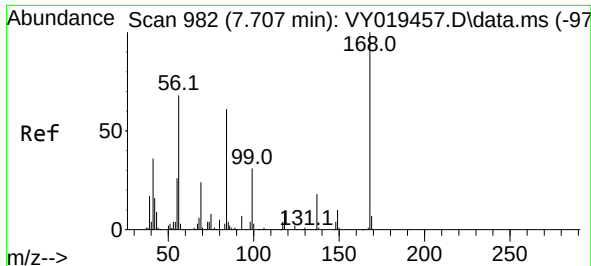
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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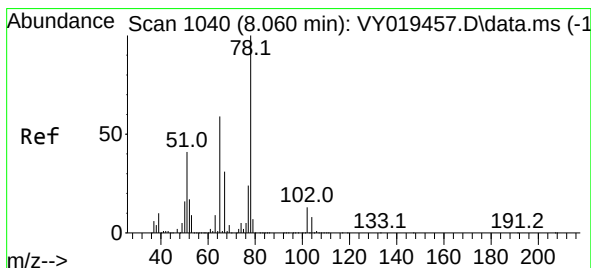
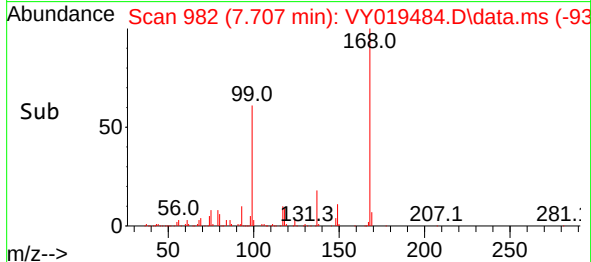
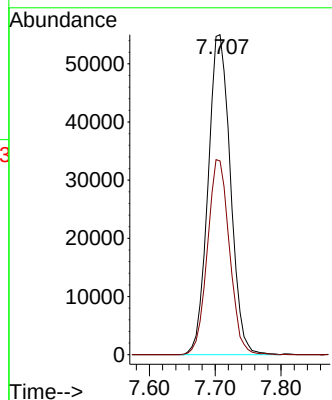
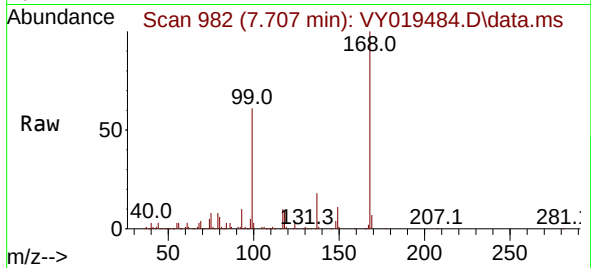




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019484.D
Acq: 10 Sep 2024 13:50

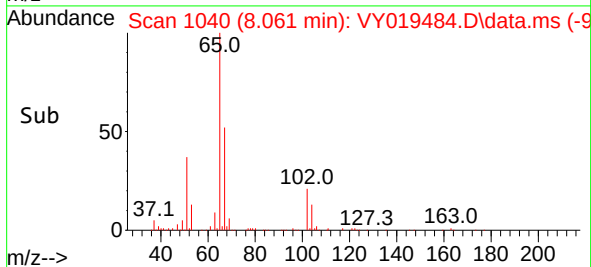
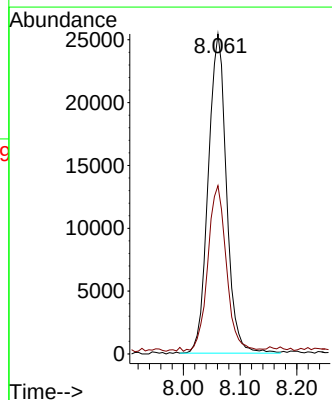
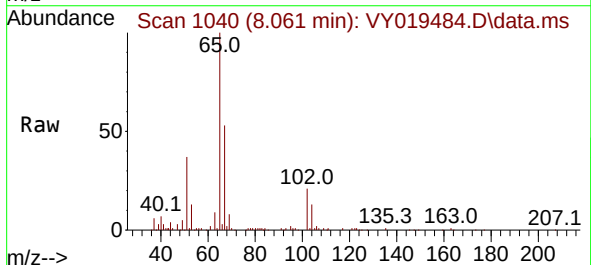
Instrument :
MSVOA_Y
ClientSampleId :
SU-701-VOC-01

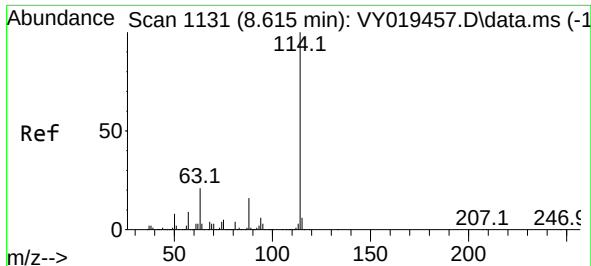
Tgt Ion:168 Resp: 130086
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 46.973 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019484.D
Acq: 10 Sep 2024 13:50

Tgt Ion: 65 Resp: 56582
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019484.D

Acq: 10 Sep 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-01

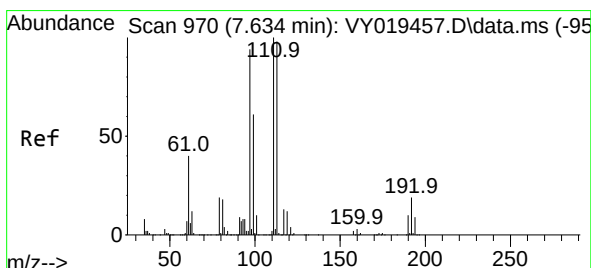
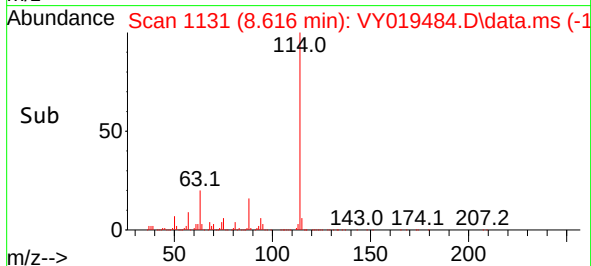
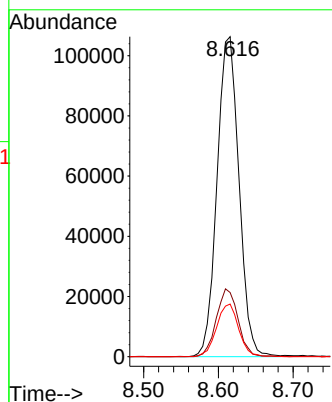
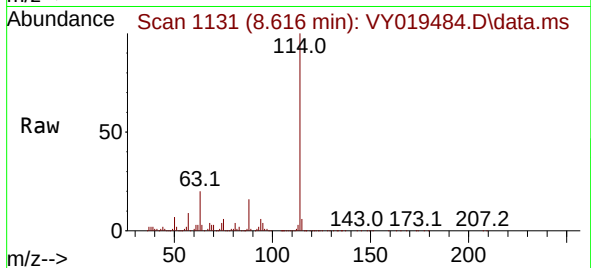
Tgt Ion:114 Resp: 216948

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 16.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.029 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019484.D

Acq: 10 Sep 2024 13:50

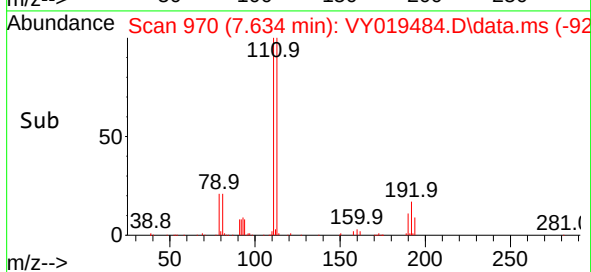
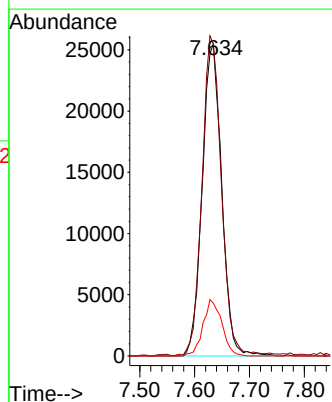
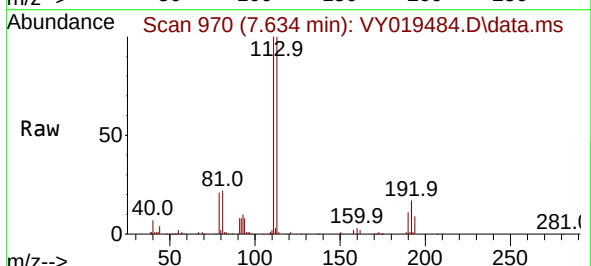
Tgt Ion:113 Resp: 62769

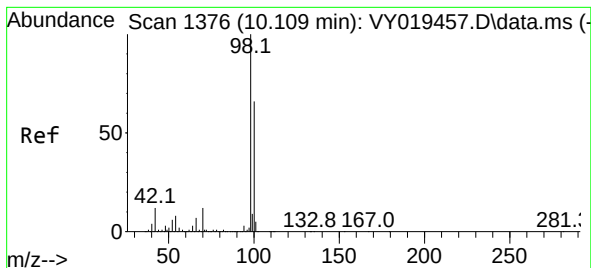
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.5 15.9 23.9





#50

Toluene-d8

Concen: 53.994 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019484.D

Acq: 10 Sep 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

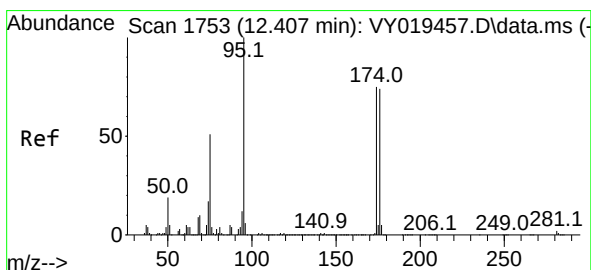
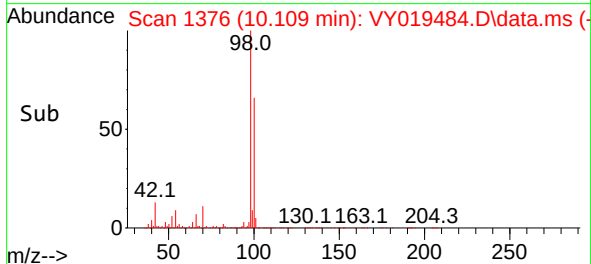
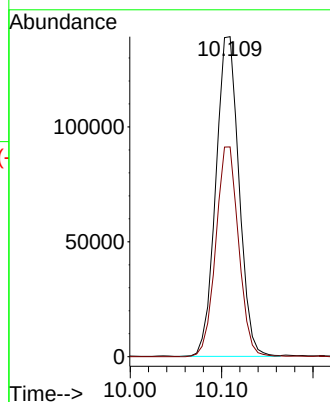
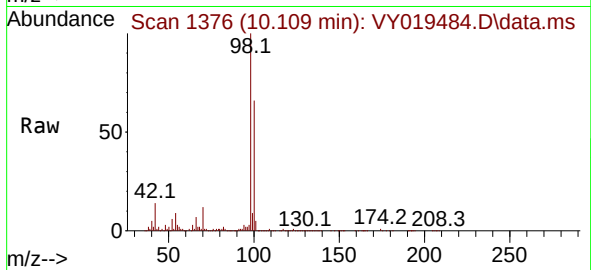
SU-701-VOC-01

Tgt Ion: 98 Resp: 245658

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.835 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019484.D

Acq: 10 Sep 2024 13:50

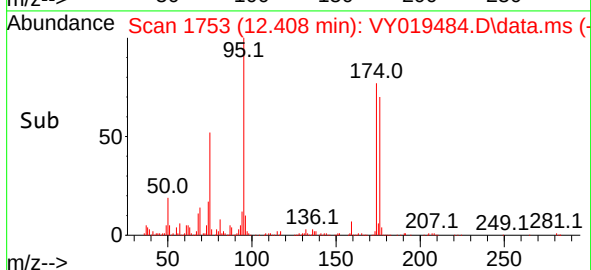
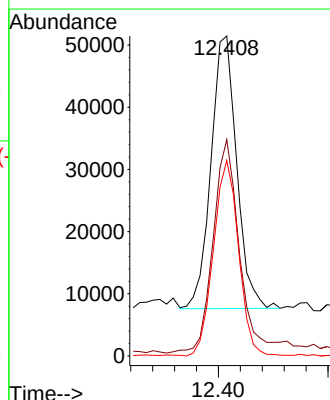
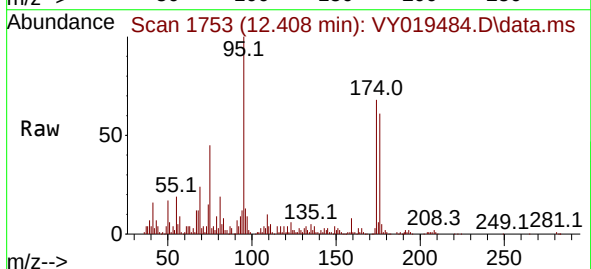
Tgt Ion: 95 Resp: 71437

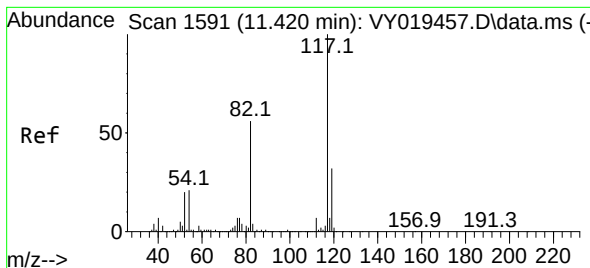
Ion Ratio Lower Upper

95 100

174 82.5 0.0 175.6

176 69.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019484.D

Acq: 10 Sep 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-01

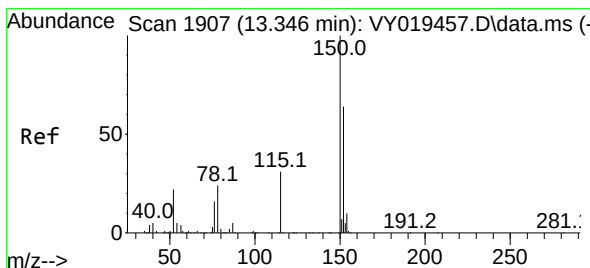
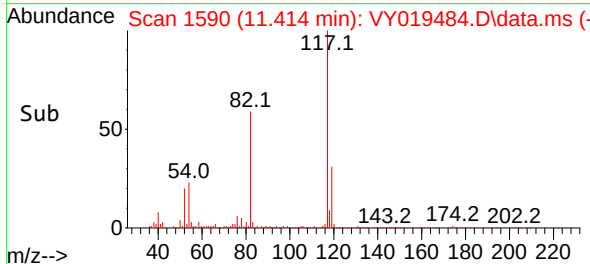
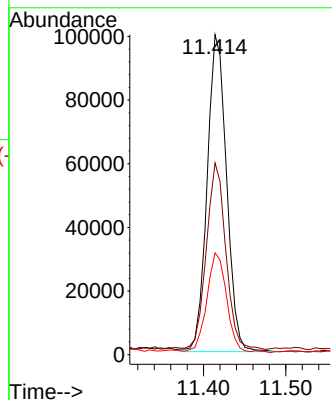
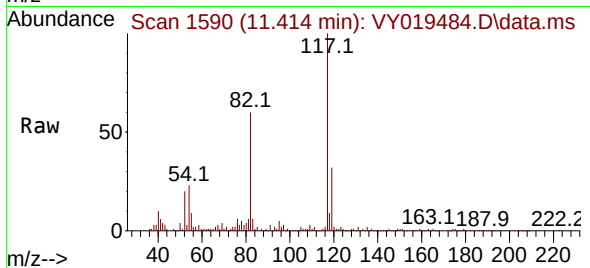
Tgt Ion:117 Resp: 163443

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 31.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019484.D

Acq: 10 Sep 2024 13:50

Tgt Ion:152 Resp: 58161

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 154.9 0.0 345.6

