

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019544.D
 Acq On : 13 Sep 2024 17:09
 Operator : SY/MD
 Sample : P3976-03
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RW-2-VOC

Quant Time: Sep 13 23:34:46 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	7.701	168	346229	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	670648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	598146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	226286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	211514	65.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.940%
35) Dibromofluoromethane	7.628	113	212311	55.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.680%
50) Toluene-d8	10.103	98	792803	56.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.740%
62) 4-Bromofluorobenzene	12.401	95	264148	48.845	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.700%

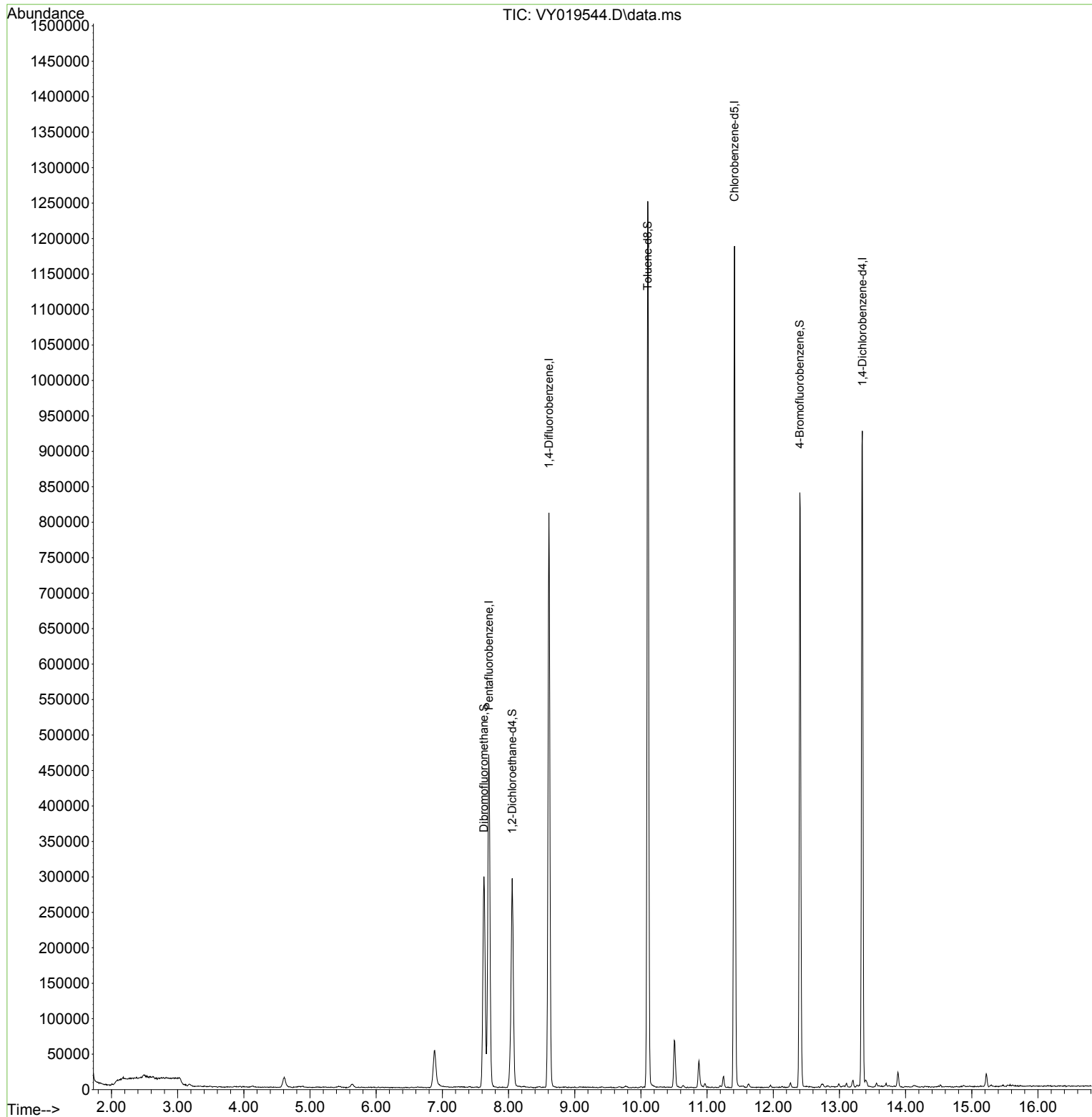
Target Compounds	Qvalue

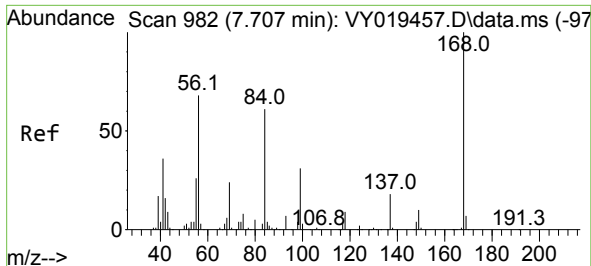
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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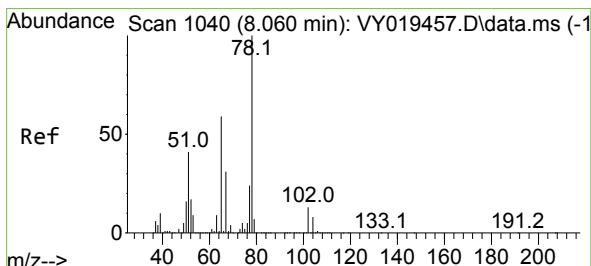
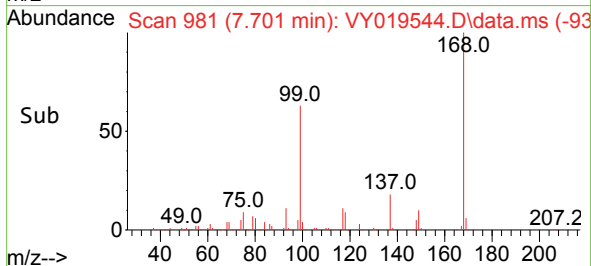
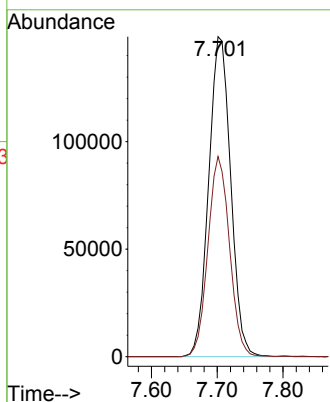
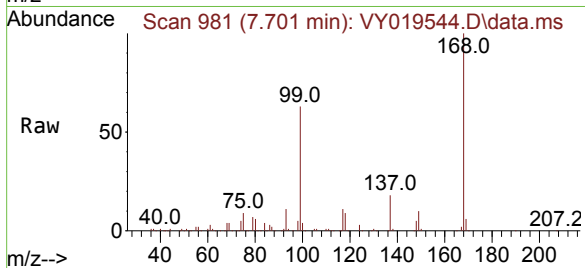




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019544.D
Acq: 13 Sep 2024 17:09

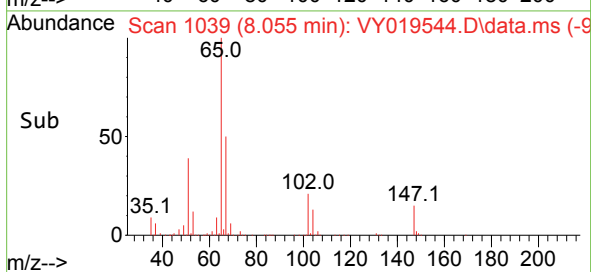
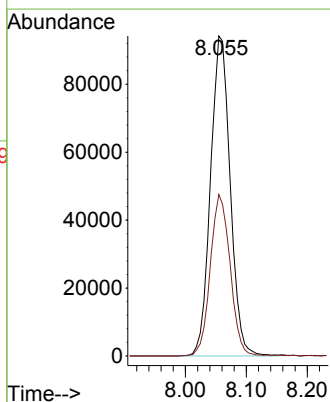
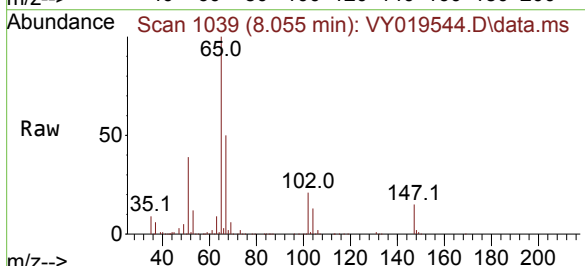
Instrument :
MSVOA_Y
ClientSampleId :
RW-2-VOC

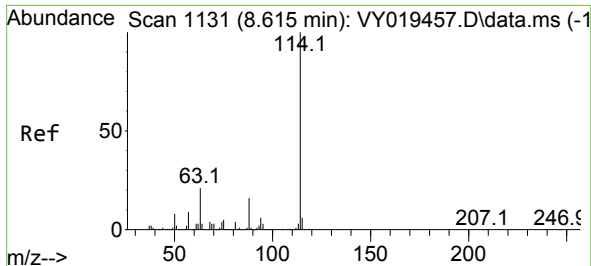
Tgt Ion:168 Resp: 346229
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.974 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019544.D
Acq: 13 Sep 2024 17:09

Tgt Ion: 65 Resp: 211514
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019544.D

Acq: 13 Sep 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

RW-2-VOC

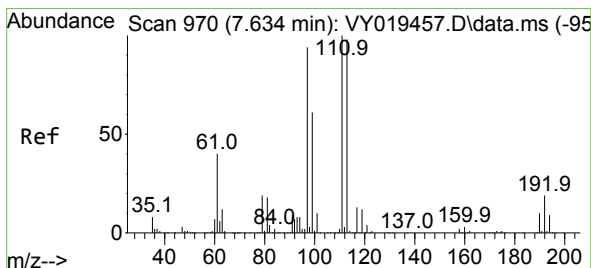
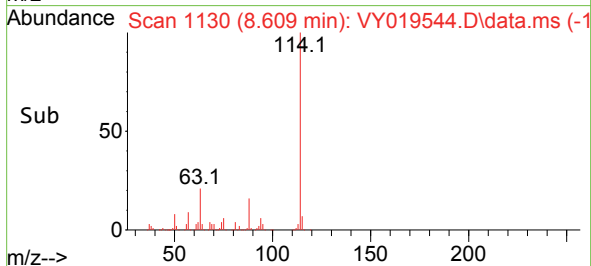
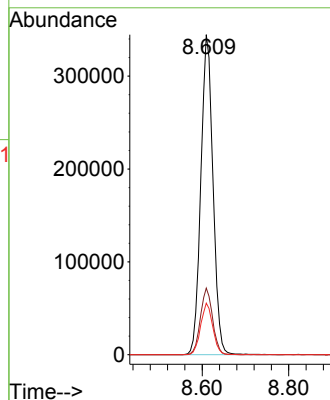
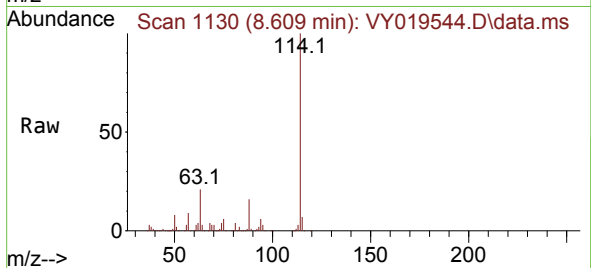
Tgt Ion:114 Resp: 670648

Ion Ratio Lower Upper

114 100

63 20.8 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.835 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019544.D

Acq: 13 Sep 2024 17:09

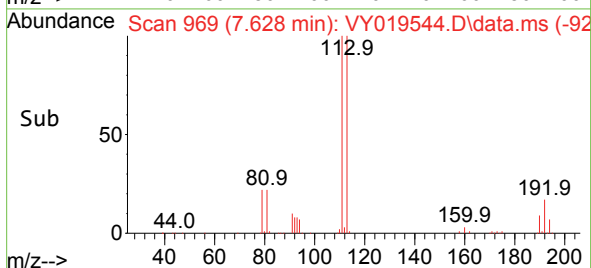
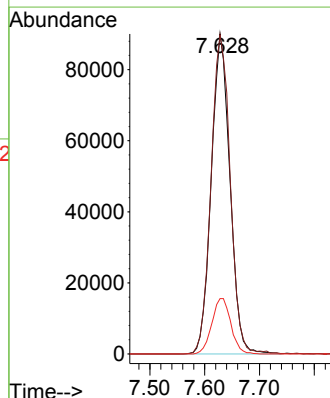
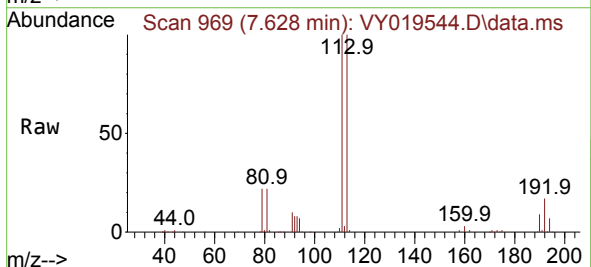
Tgt Ion:113 Resp: 212311

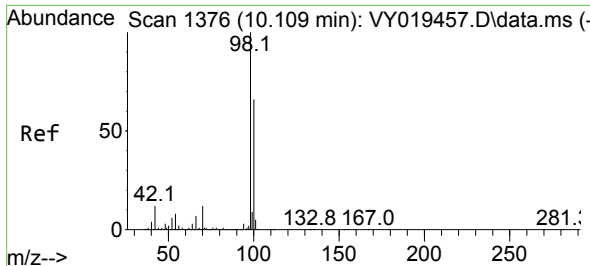
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 17.7 15.9 23.9

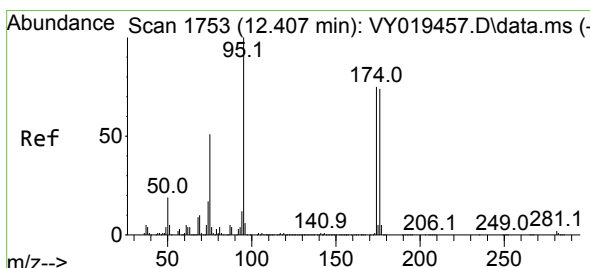
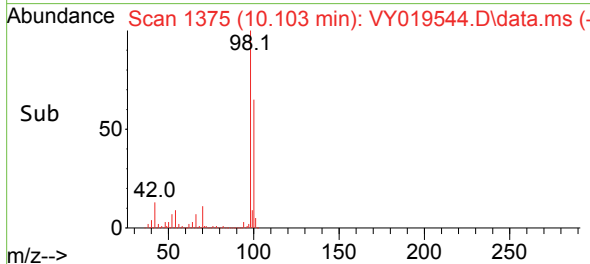
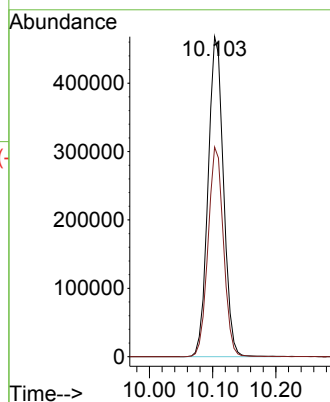
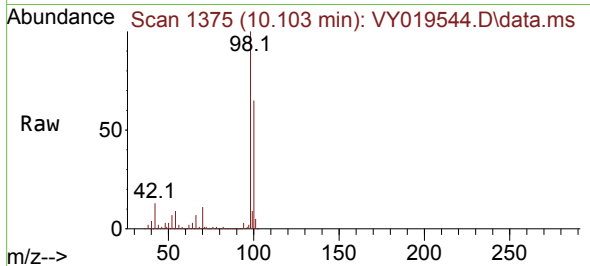




#50
Toluene-d8
Concen: 56.370 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019544.D
Acq: 13 Sep 2024 17:09

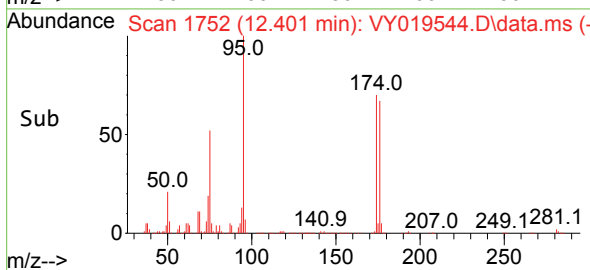
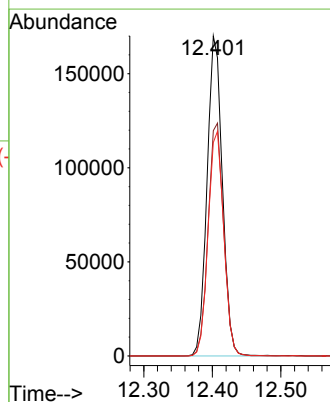
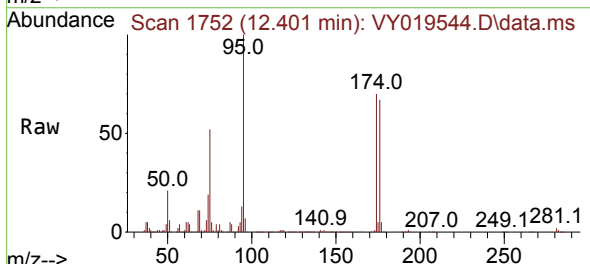
Instrument :
MSVOA_Y
ClientSampleId :
RW-2-VOC

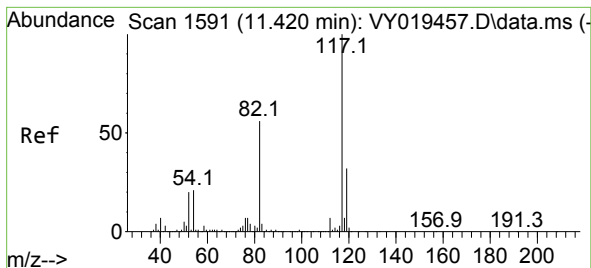
Tgt Ion: 98 Resp: 792803
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.845 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019544.D
Acq: 13 Sep 2024 17:09

Tgt Ion: 95 Resp: 264148
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 71.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019544.D

Acq: 13 Sep 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

RW-2-VOC

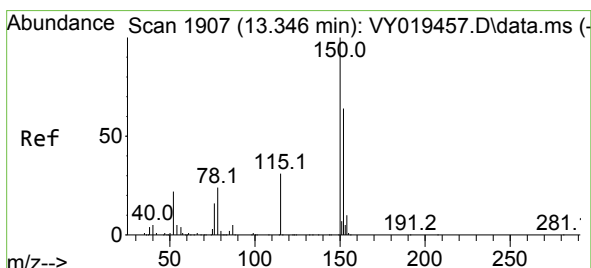
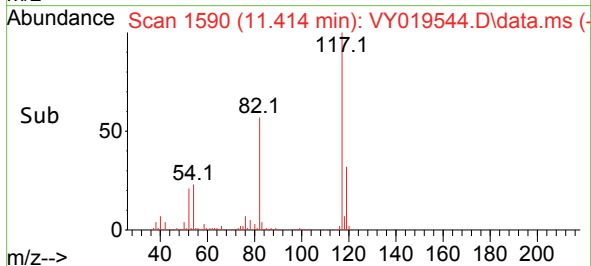
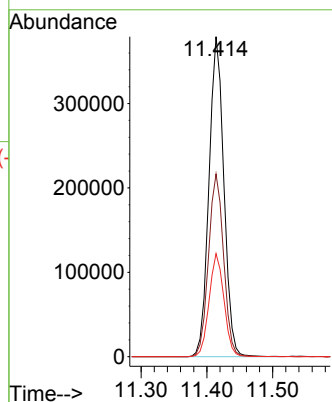
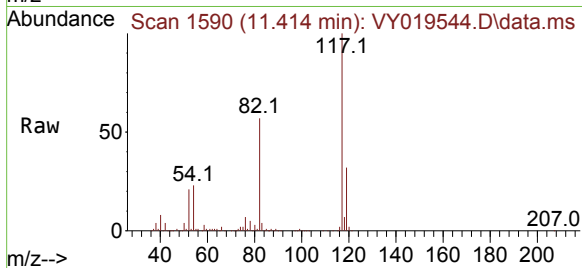
Tgt Ion:117 Resp: 598146

Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 32.2 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: VY019544.D

Acq: 13 Sep 2024 17:09

Tgt Ion:152 Resp: 226286

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 158.8 0.0 345.6

