

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018462.D
 Acq On : 04 Jun 2024 14:27
 Operator : SY/MD
 Sample : P2683-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Jun 05 01:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	67066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	112585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68397	51.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.860%
35) Dibromofluoromethane	7.710	113	71203	42.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.260%
50) Toluene-d8	10.173	98	273220	40.638	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.280%
62) 4-Bromofluorobenzene	12.477	95	68789	32.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.720%

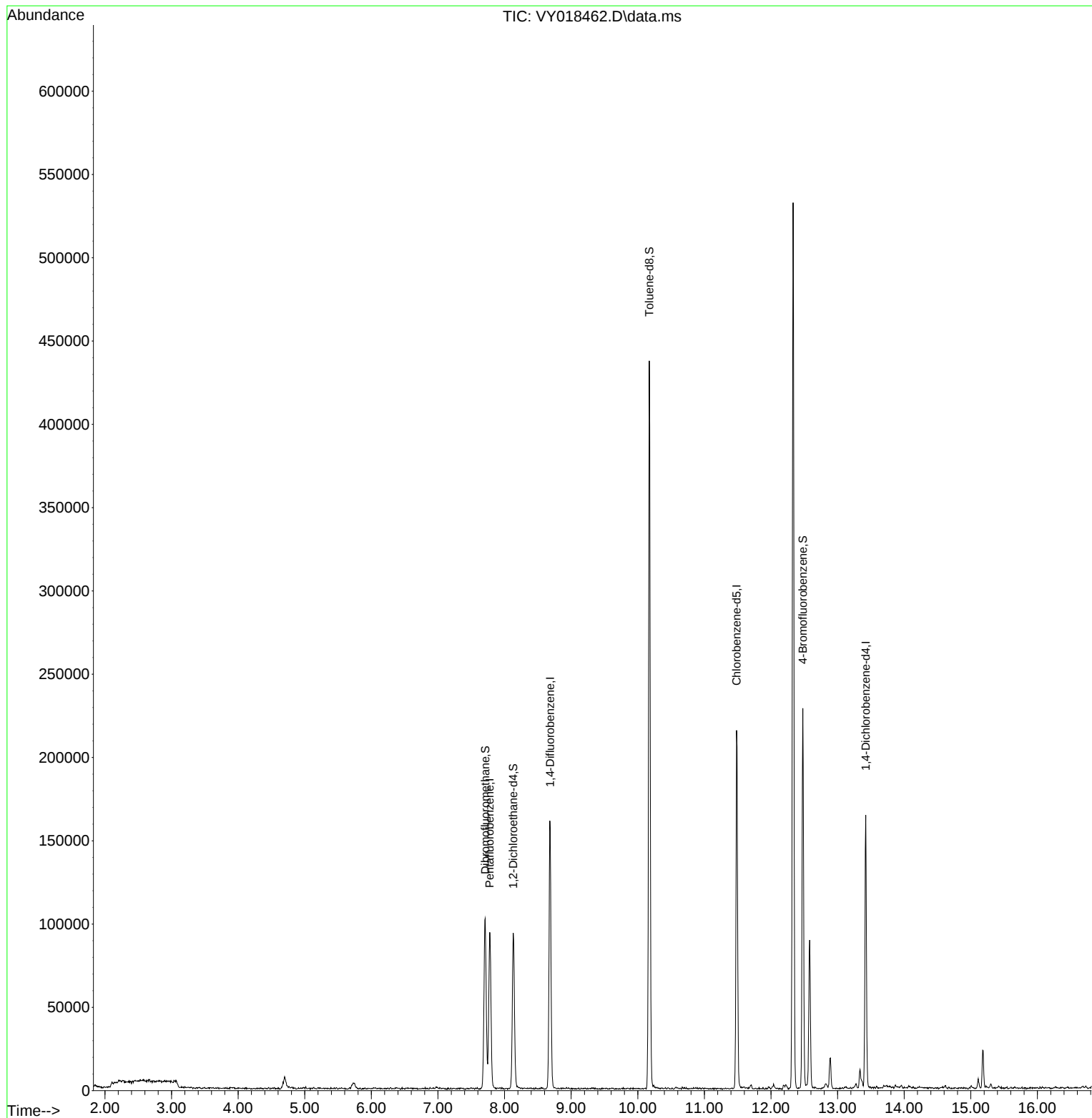
Target Compounds	Qvalue

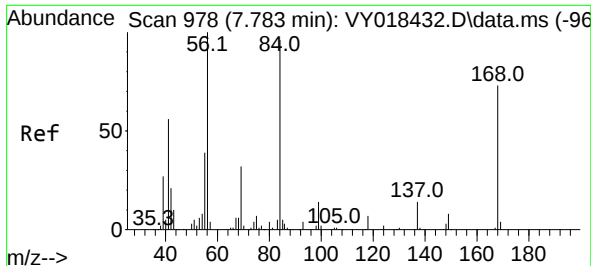
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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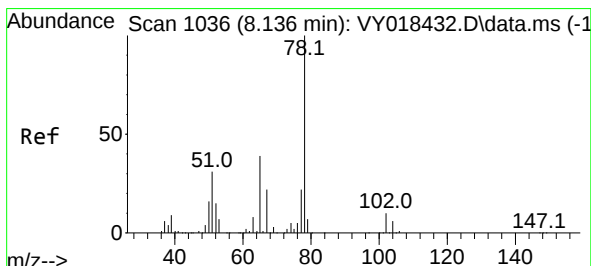
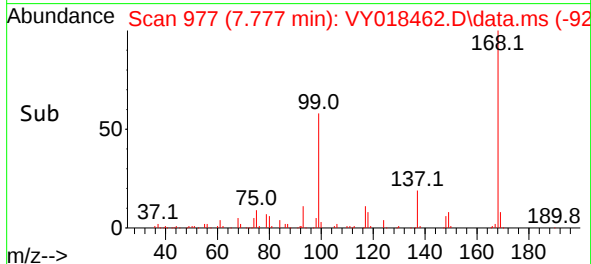
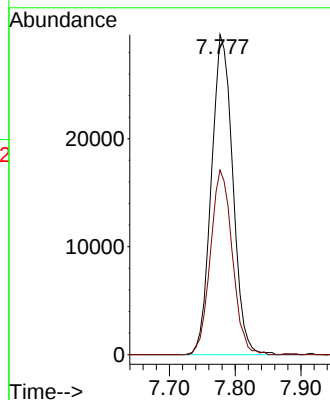
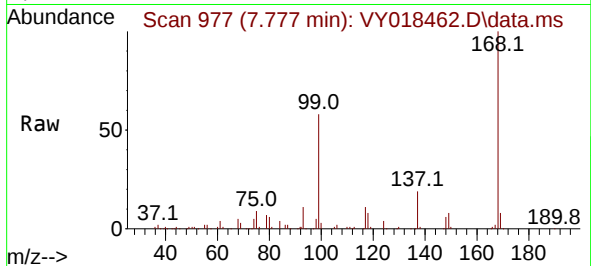




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

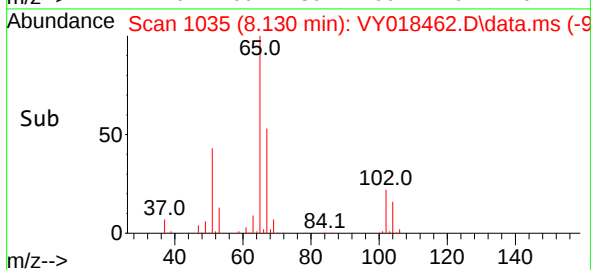
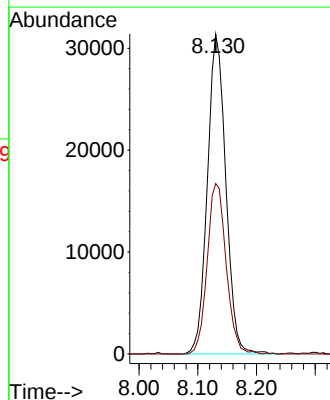
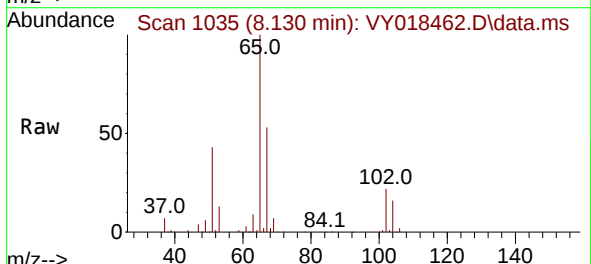
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

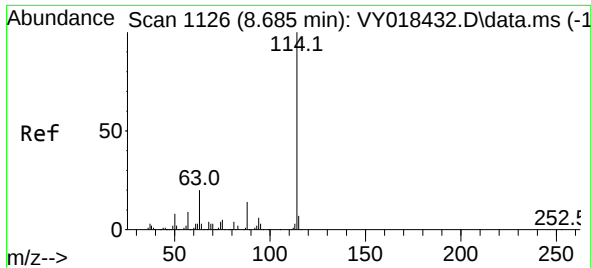
Tgt Ion:168 Resp: 67066
Ion Ratio Lower Upper
168 100
99 57.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.931 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

Tgt Ion: 65 Resp: 68397
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

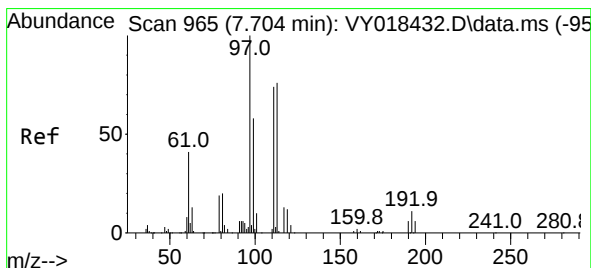
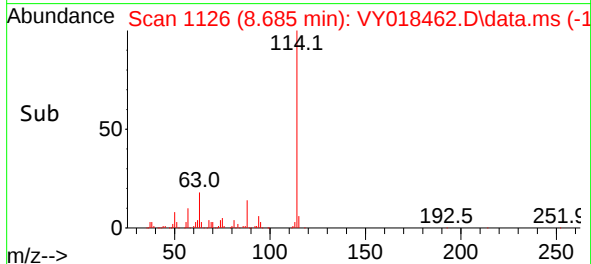
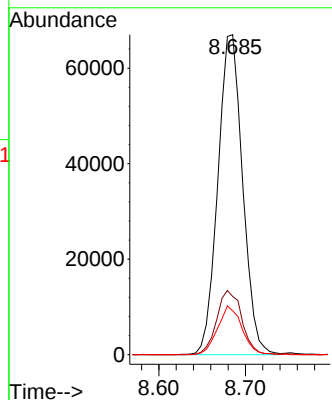
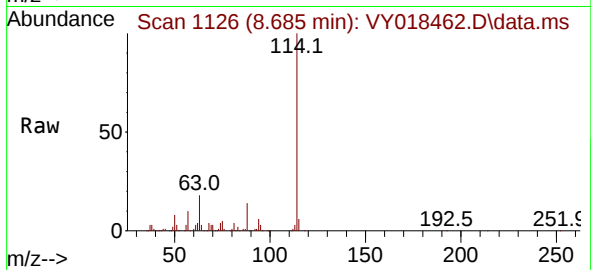
Tgt Ion:114 Resp: 133272

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.132 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

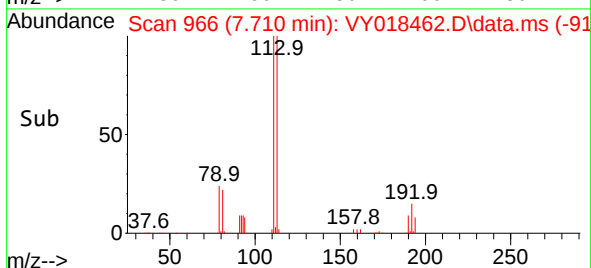
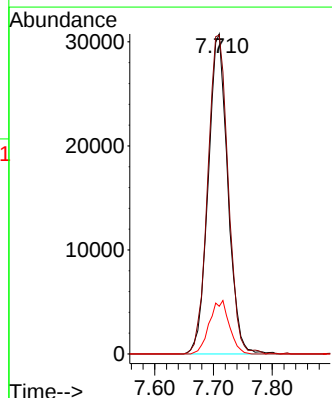
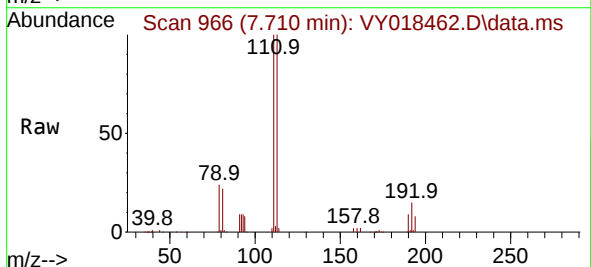
Tgt Ion:113 Resp: 71203

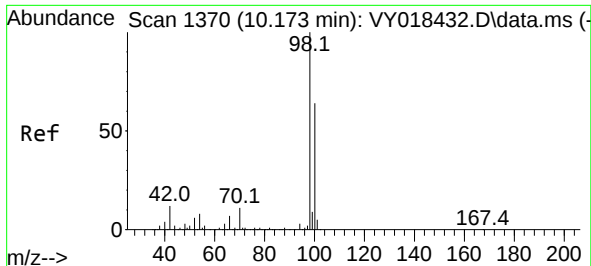
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.0 15.9 23.9

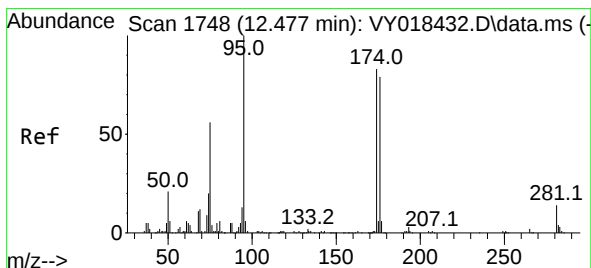
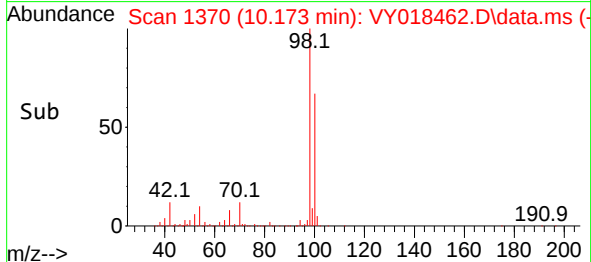
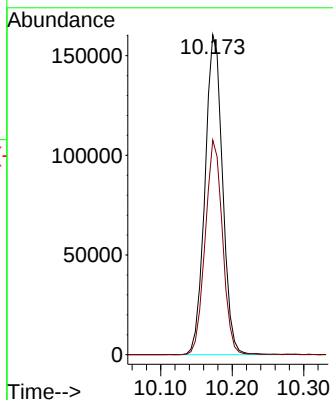
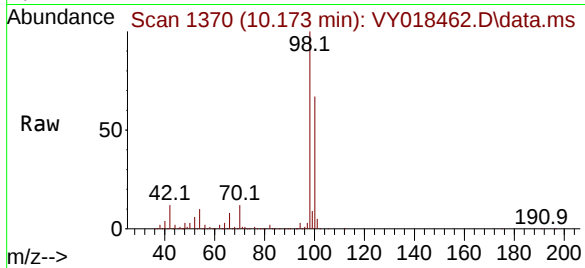




#50
Toluene-d8
Concen: 40.638 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

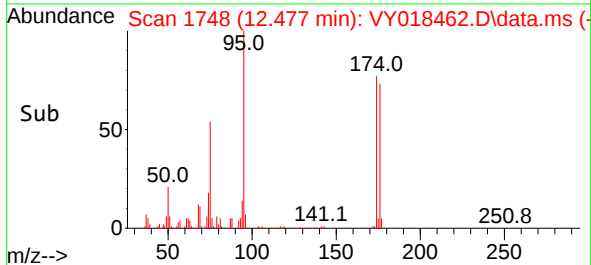
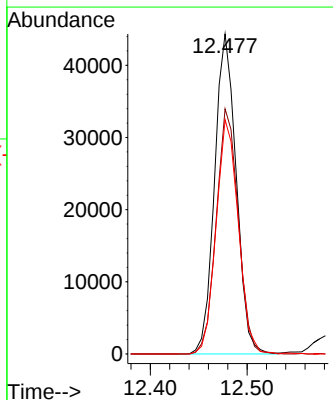
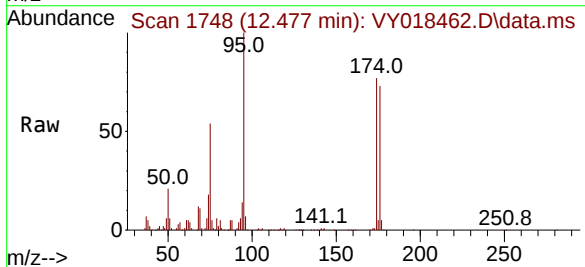
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

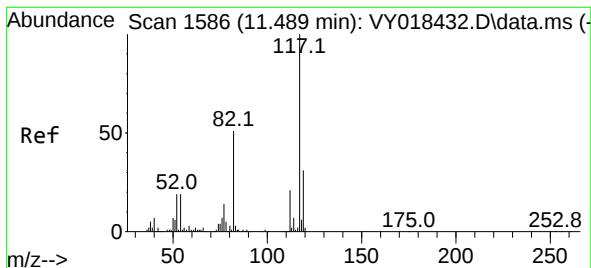
Tgt Ion: 98 Resp: 273220
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.862 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

Tgt Ion: 95 Resp: 68789
Ion Ratio Lower Upper
95 100
174 77.9 0.0 175.6
176 75.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

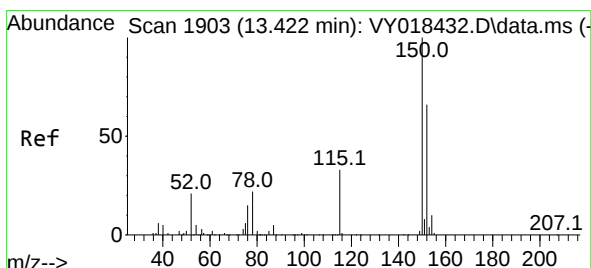
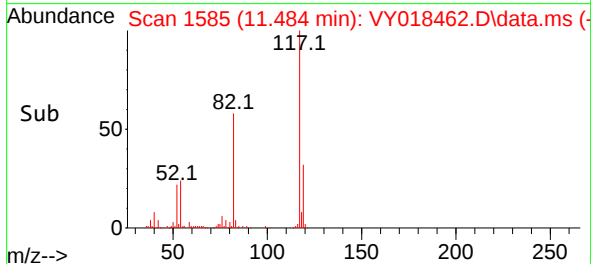
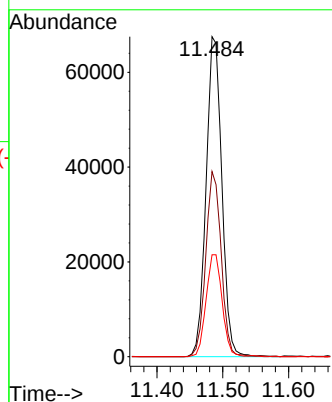
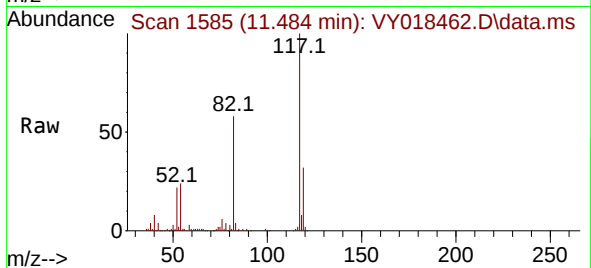
Tgt Ion:117 Resp: 112585

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Tgt Ion:152 Resp: 38736

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 154.8 0.0 345.6

