

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018631.D
 Acq On : 18 Jun 2024 15:56
 Operator : SY/MD
 Sample : P2923-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 19 02:02:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	132467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	259483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	244052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	77946	58.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.704	113	79957	50.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.173	98	316780	52.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.477	95	90353	47.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.020%

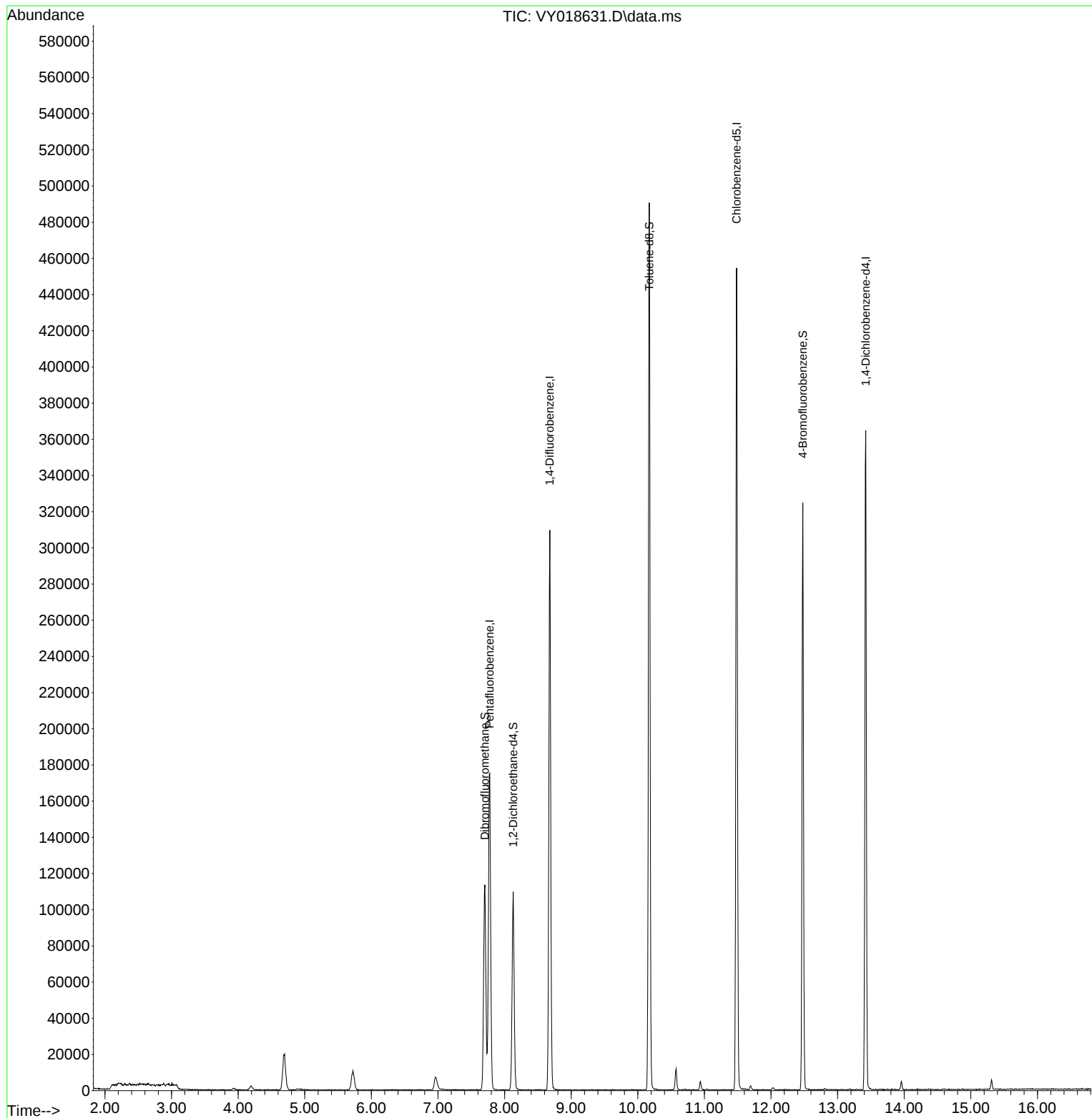
Target Compounds	Qvalue

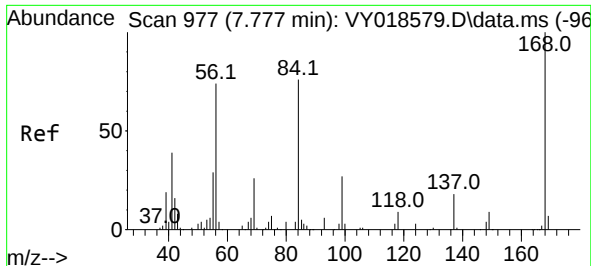
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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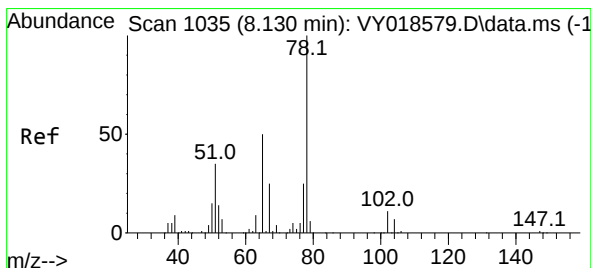
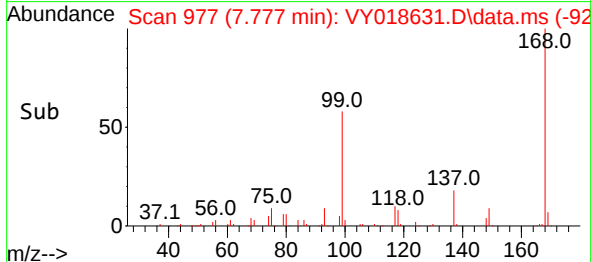
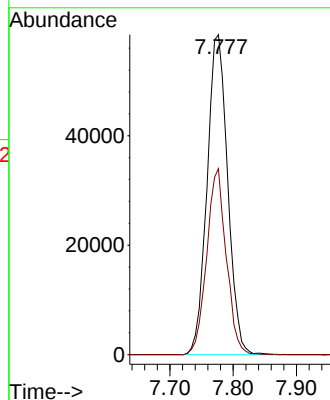
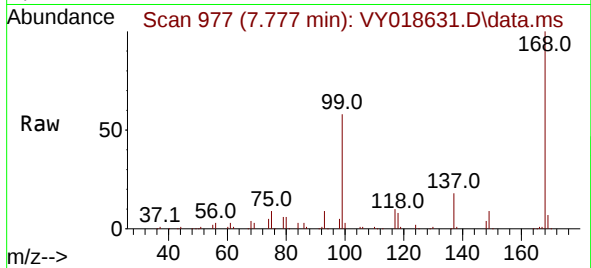




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018631.D
Acq: 18 Jun 2024 15:56

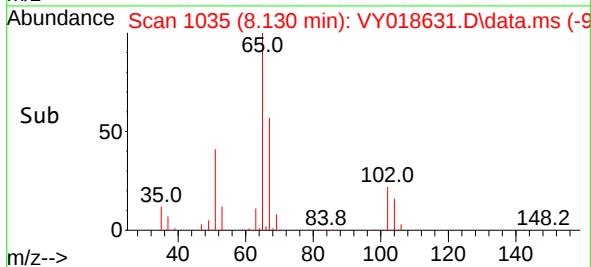
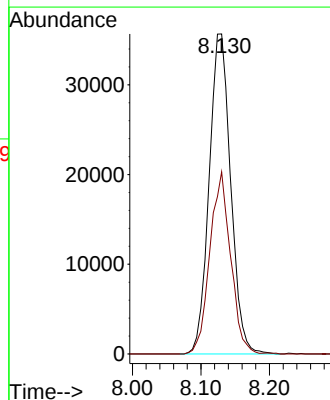
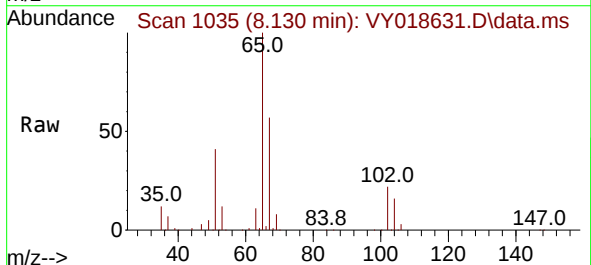
Instrument :
MSVOA_Y
ClientSampleId :
VOC

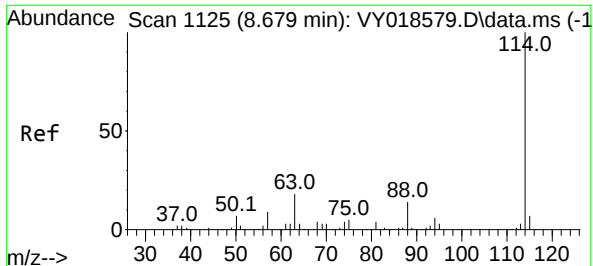
Tgt Ion:168 Resp: 132467
Ion Ratio Lower Upper
168 100
99 58.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.445 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018631.D
Acq: 18 Jun 2024 15:56

Tgt Ion: 65 Resp: 77946
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018631.D

Acq: 18 Jun 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VOC

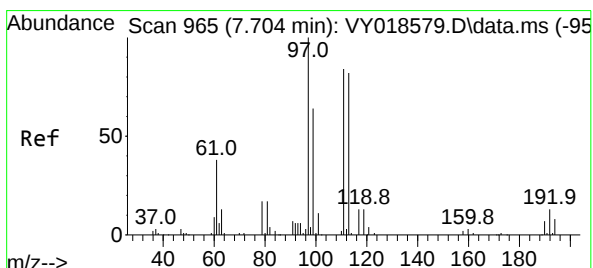
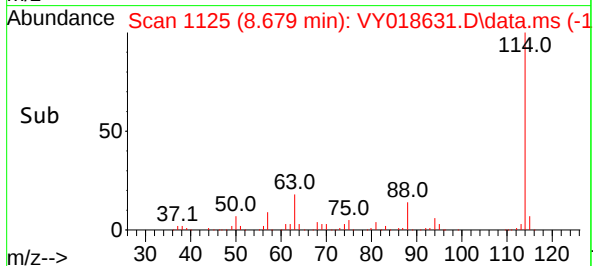
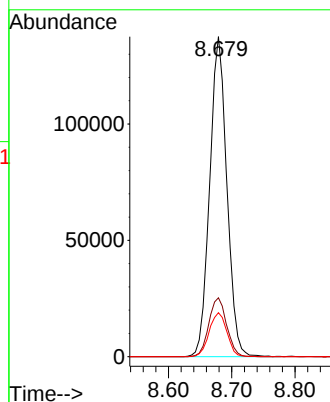
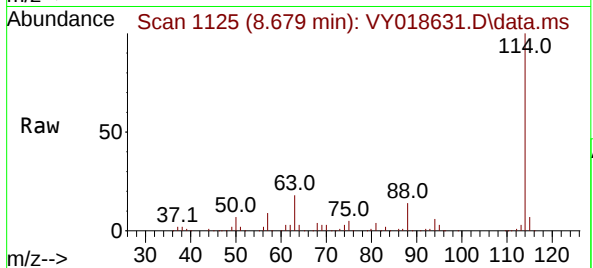
Tgt Ion:114 Resp: 259483

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.513 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018631.D

Acq: 18 Jun 2024 15:56

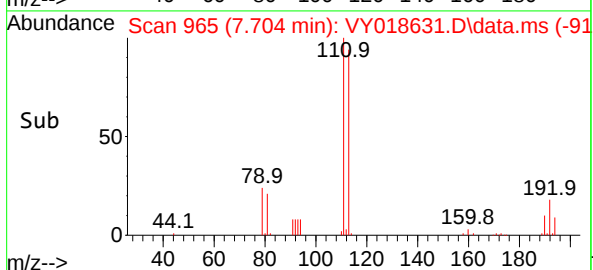
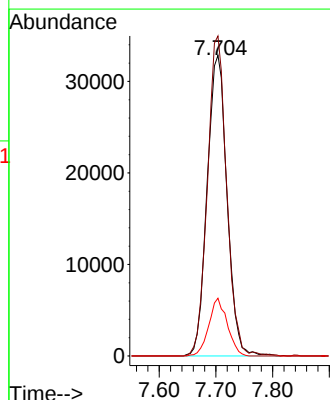
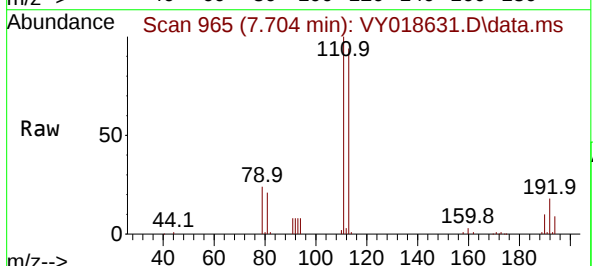
Tgt Ion:113 Resp: 79957

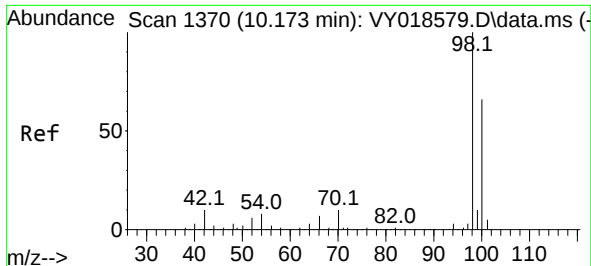
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.9 15.9 23.9

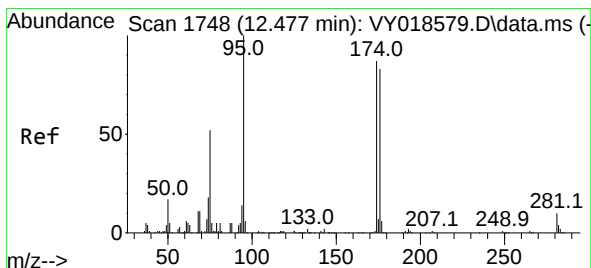
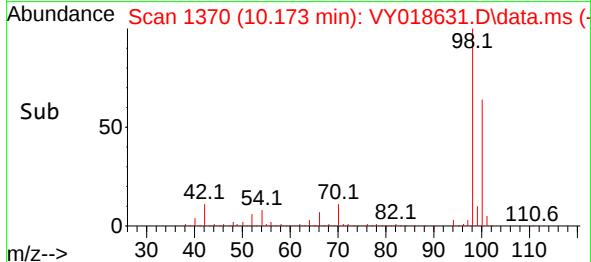
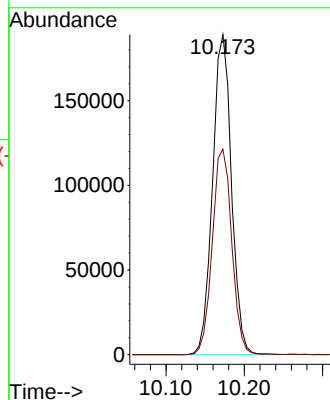
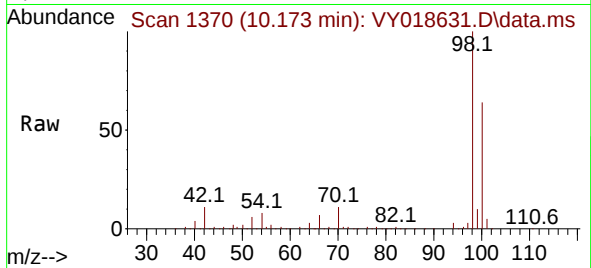




#50
Toluene-d8
Concen: 52.040 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018631.D
Acq: 18 Jun 2024 15:56

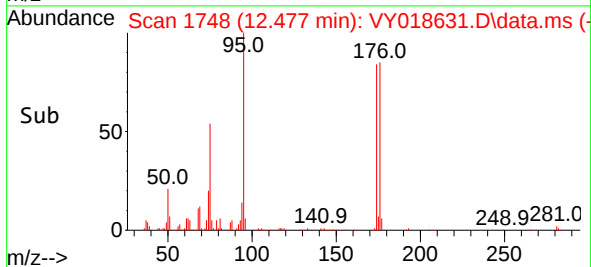
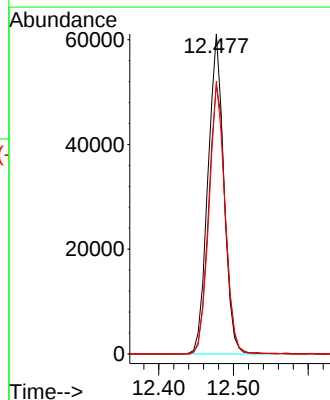
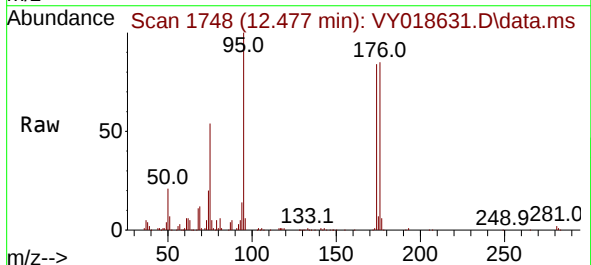
Instrument :
MSVOA_Y
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VOC

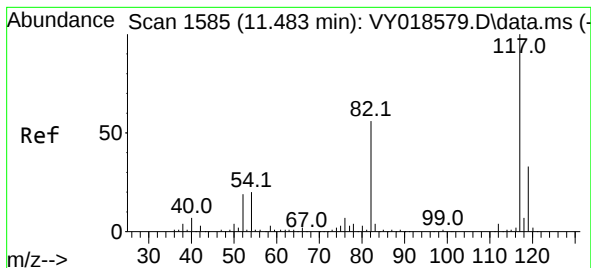
Tgt Ion: 98 Resp: 316780
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.005 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018631.D
Acq: 18 Jun 2024 15:56

Tgt Ion: 95 Resp: 90353
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 84.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018631.D

Acq: 18 Jun 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VOC

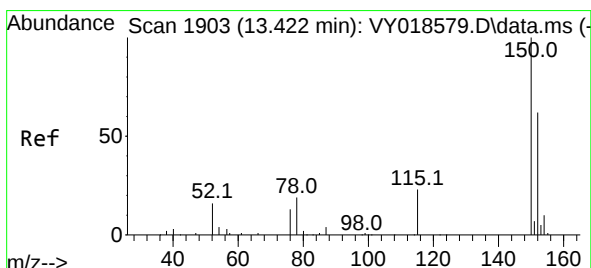
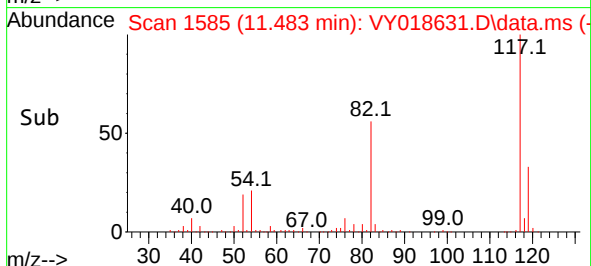
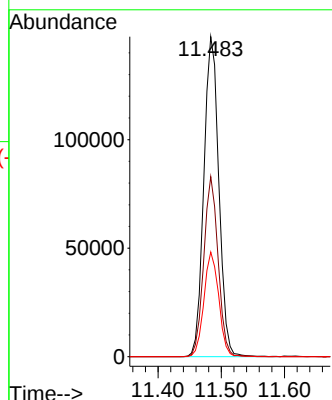
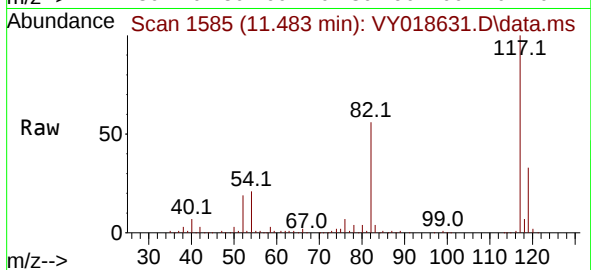
Tgt Ion:117 Resp: 244052

Ion Ratio Lower Upper

117 100

82 56.2 42.4 63.6

119 32.7 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: VY018631.D

Acq: 18 Jun 2024 15:56

Tgt Ion:152 Resp: 90995

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 159.9 0.0 345.6

