

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018644.D
 Acq On : 19 Jun 2024 14:55
 Operator : SY/MD
 Sample : P2955-02
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VK-1-VOC

Quant Time: Jun 20 02:11:38 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	7.783	168	104221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	191339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	59922	57.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.220%
35) Dibromofluoromethane	7.704	113	61594	52.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.540%
50) Toluene-d8	10.173	98	230053	51.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.477	95	59413	41.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.840%

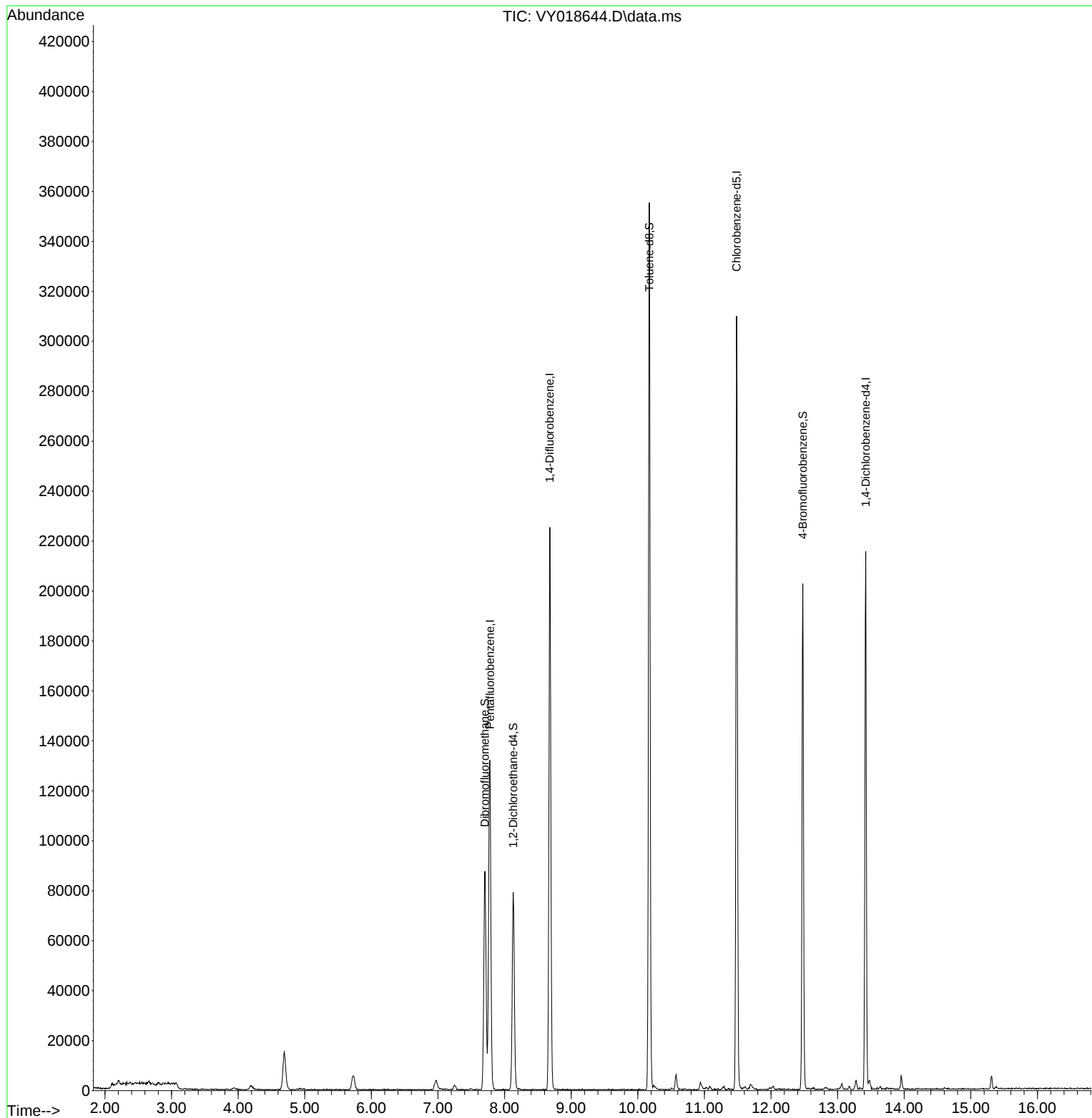
Target Compounds	Qvalue

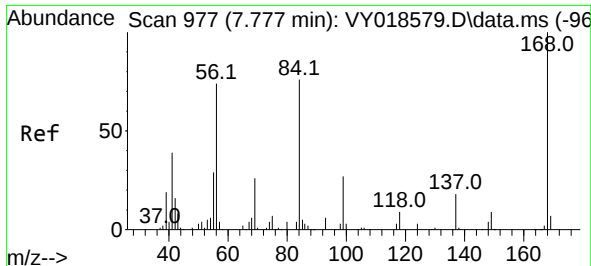
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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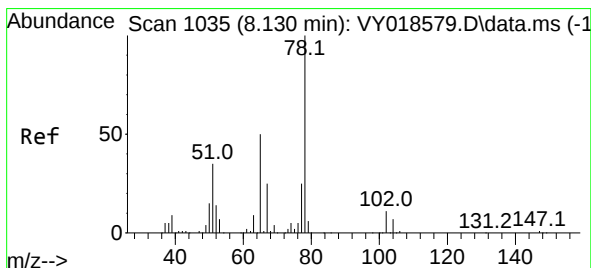
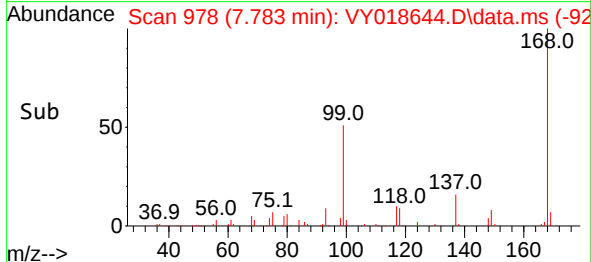
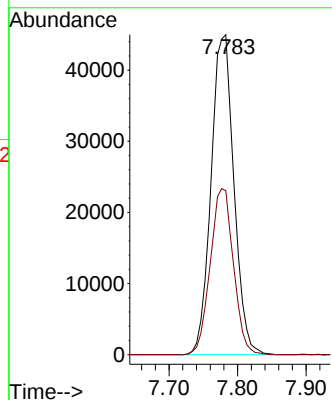
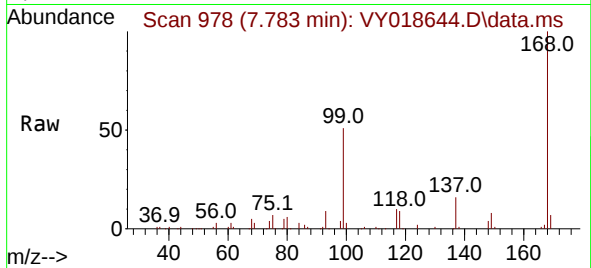




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

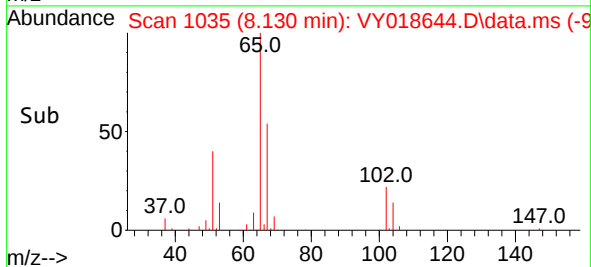
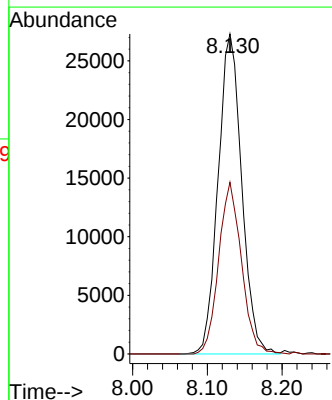
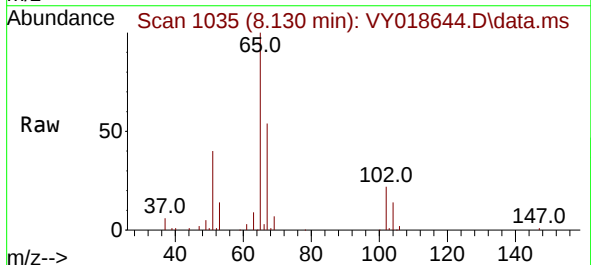
Instrument :
MSVOA_Y
ClientSampleId :
VK-1-VOC

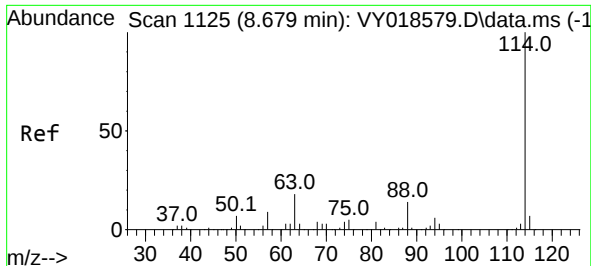
Tgt Ion:168 Resp: 104221
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.107 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Tgt Ion: 65 Resp: 59922
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6

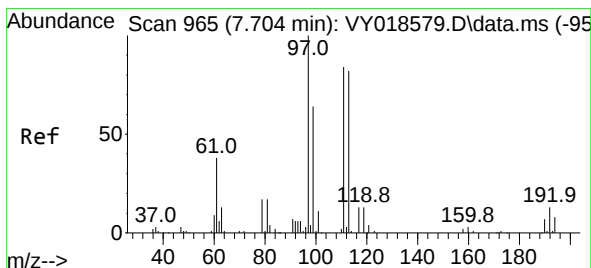
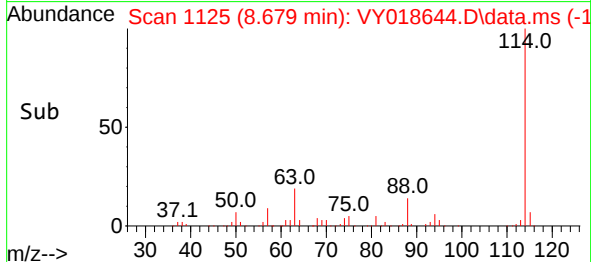
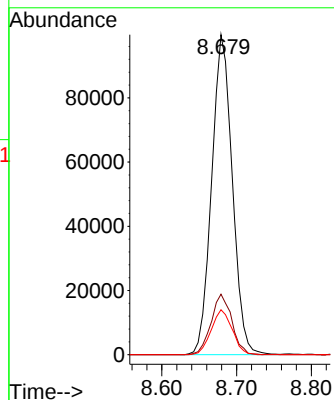
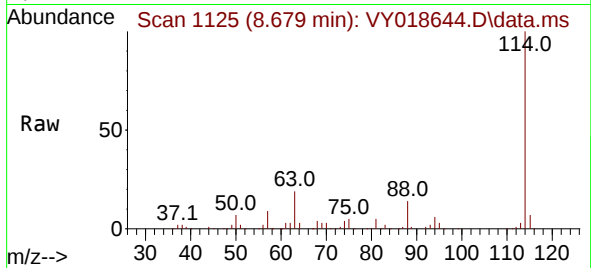




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

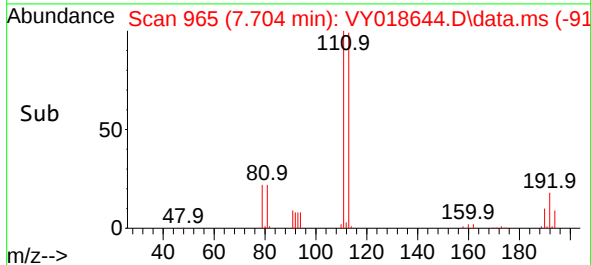
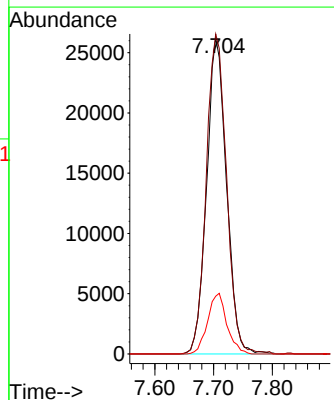
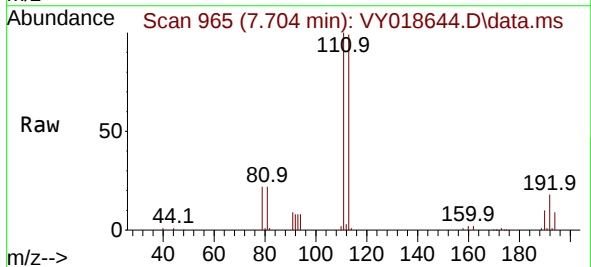
Instrument :
MSVOA_Y
ClientSampleId :
VK-1-VOC

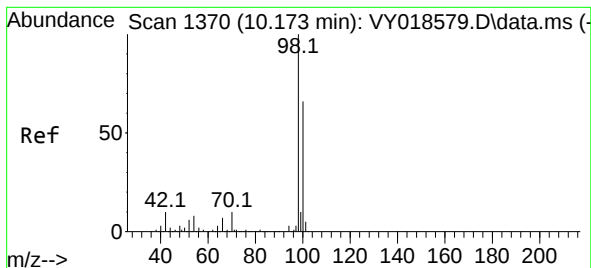
Tgt Ion:114 Resp: 191339
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.771 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Tgt Ion:113 Resp: 61594
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 18.6 15.9 23.9





#50

Toluene-d8

Concen: 51.252 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018644.D

Acq: 19 Jun 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :

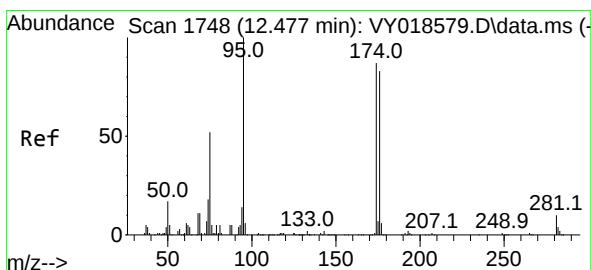
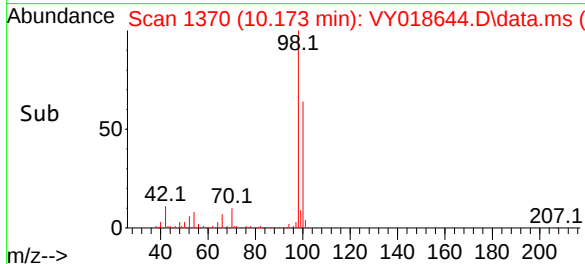
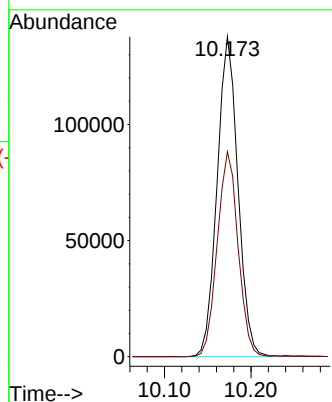
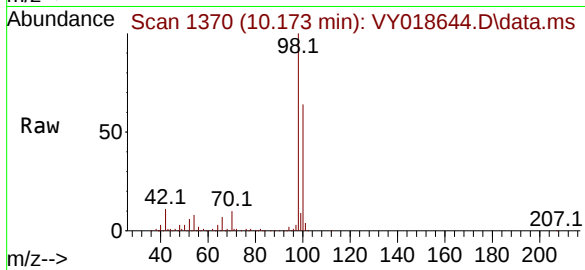
VK-1-VOC

Tgt Ion: 98 Resp: 230053

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.917 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018644.D

Acq: 19 Jun 2024 14:55

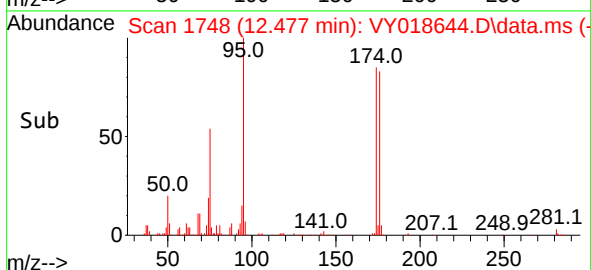
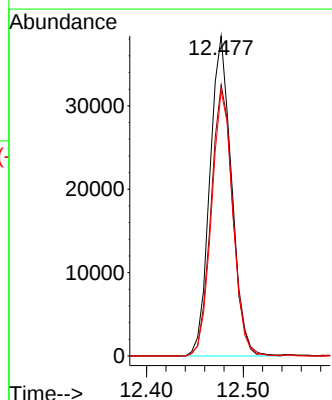
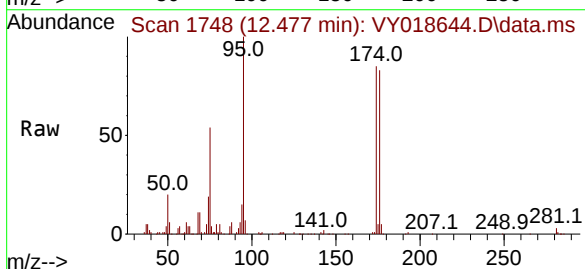
Tgt Ion: 95 Resp: 59413

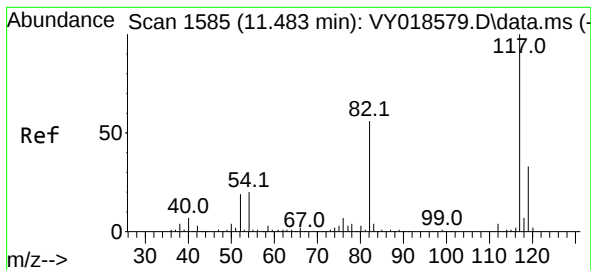
Ion Ratio Lower Upper

95 100

174 85.9 0.0 175.6

176 81.8 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: VY018644.D

Acq: 19 Jun 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VK-1-VOC

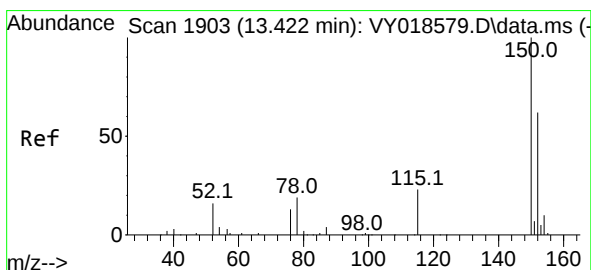
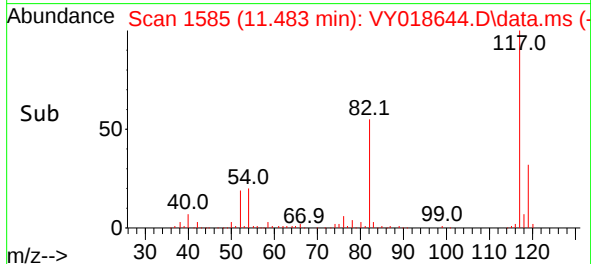
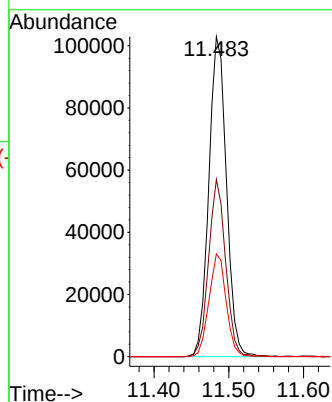
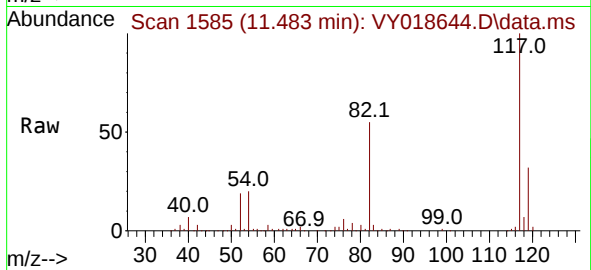
Tgt Ion:117 Resp: 168393

Ion Ratio Lower Upper

117 100

82 55.4 42.4 63.6

119 32.1 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: VY018644.D

Acq: 19 Jun 2024 14:55

Tgt Ion:152 Resp: 53657

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 156.2 0.0 345.6

