

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018645.D
 Acq On : 19 Jun 2024 15:21
 Operator : SY/MD
 Sample : P2955-06
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Jun 20 02:11:58 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	46846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	73816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27471	58.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.704	113	27942	55.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.173	98	97871	50.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.477	95	25837	41.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.860%

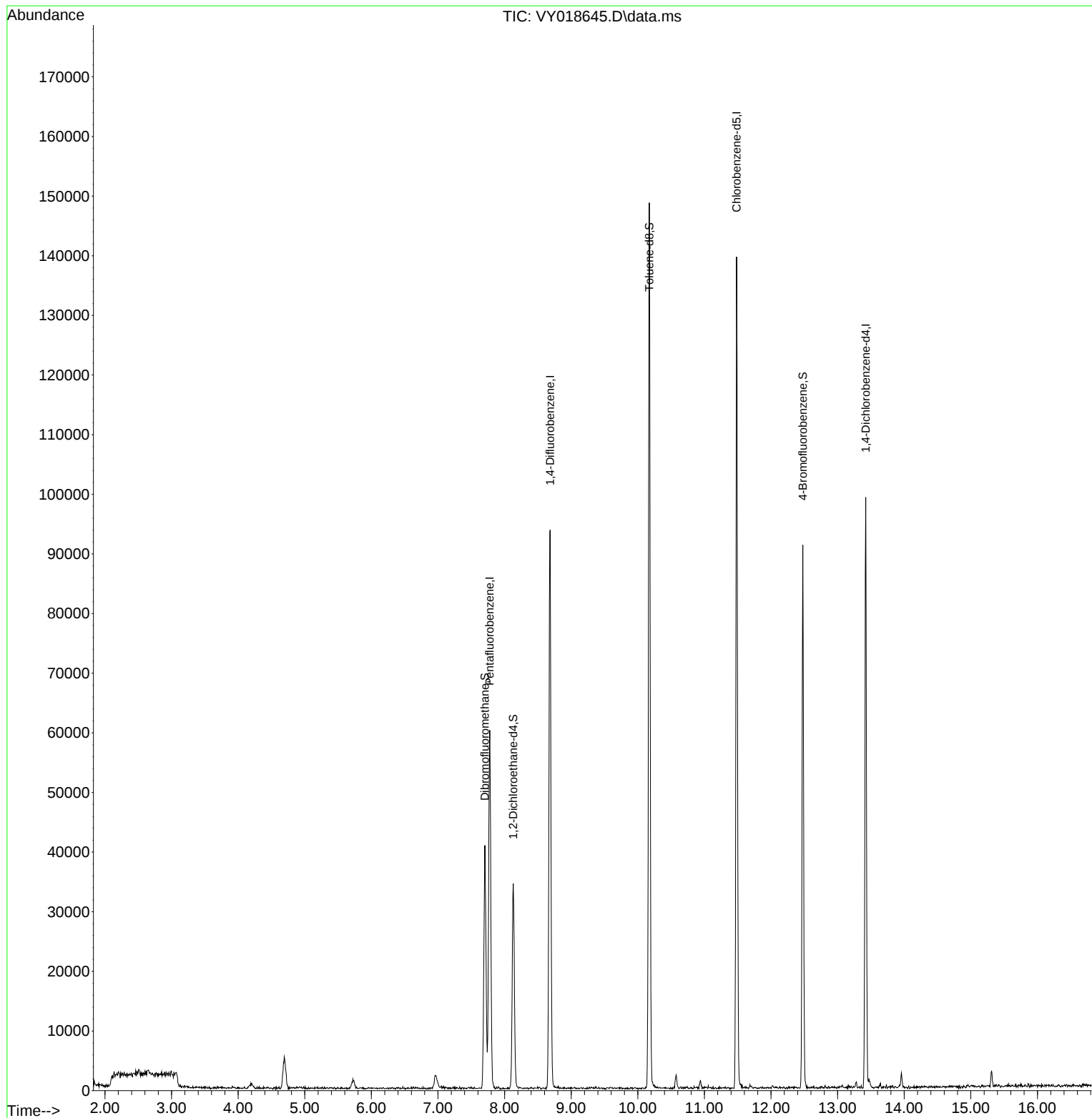
Target Compounds	Qvalue

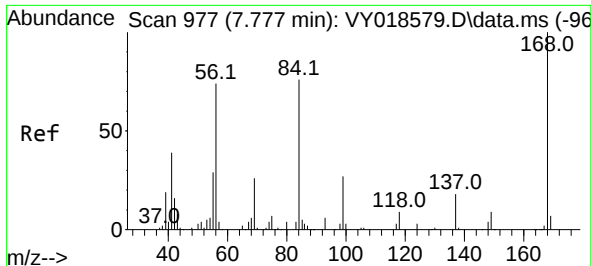
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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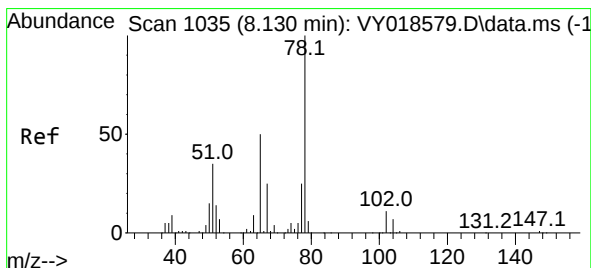
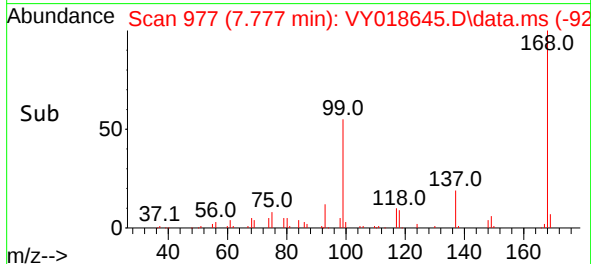
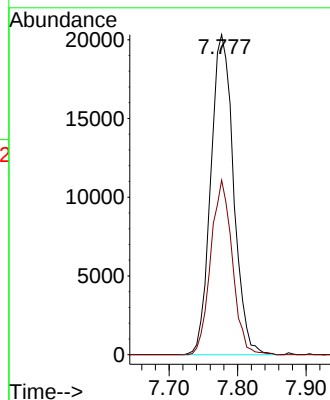
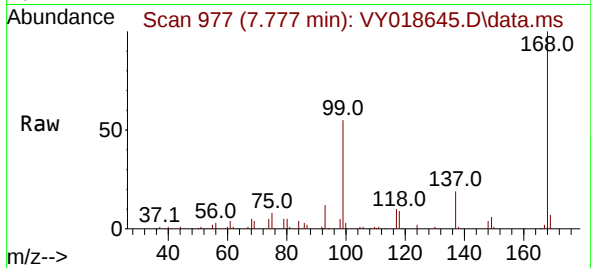




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

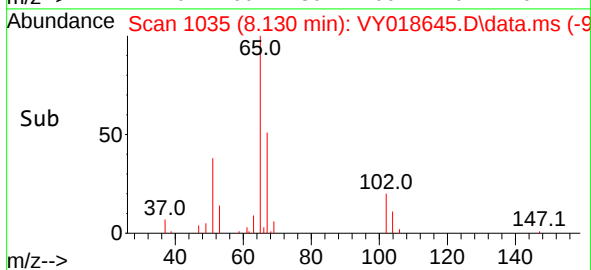
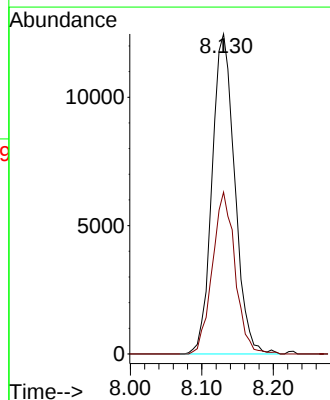
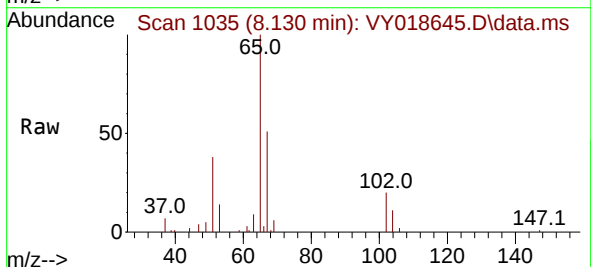
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

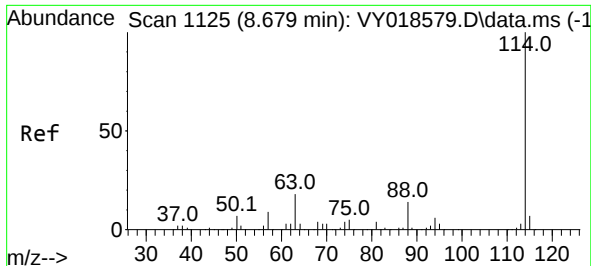
Tgt Ion:168 Resp: 46846
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.246 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion: 65 Resp: 27471
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018645.D

Acq: 19 Jun 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-VOC

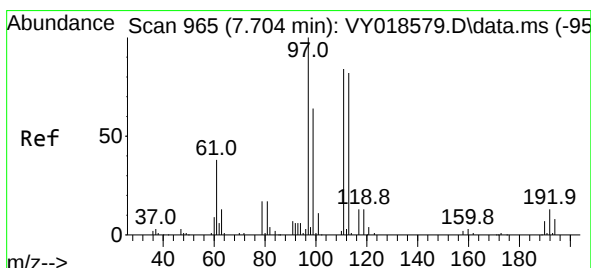
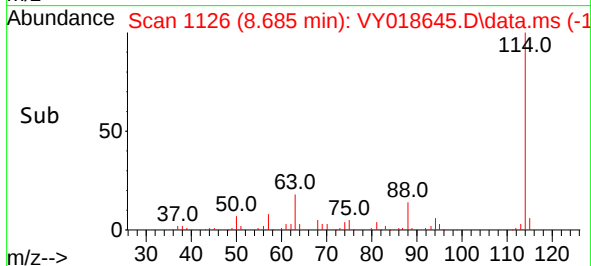
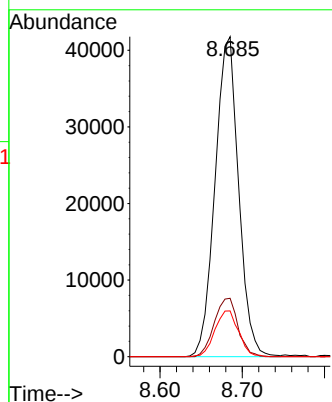
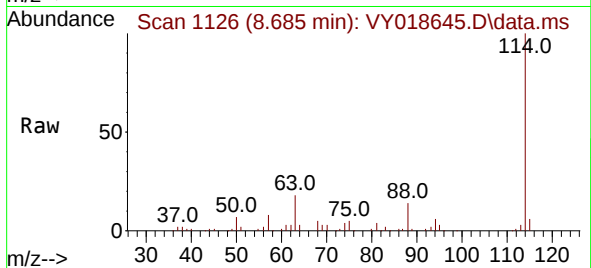
Tgt Ion:114 Resp: 83175

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.071 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018645.D

Acq: 19 Jun 2024 15:21

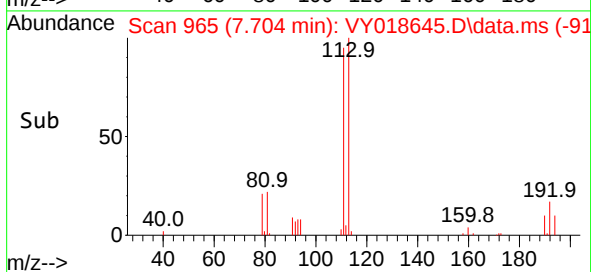
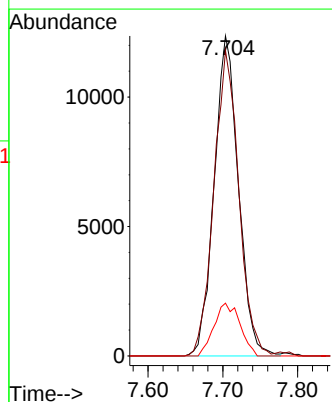
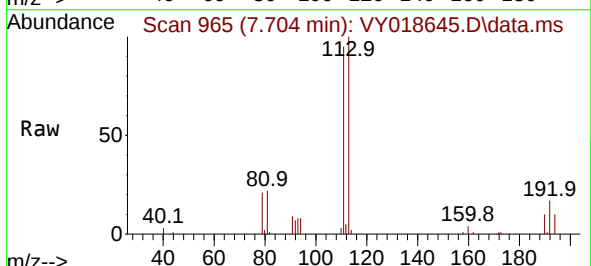
Tgt Ion:113 Resp: 27942

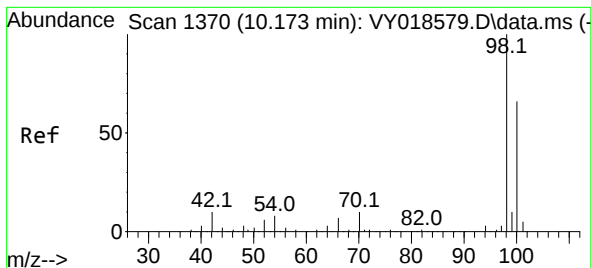
Ion Ratio Lower Upper

113 100

111 98.1 82.2 123.4

192 17.7 15.9 23.9





#50

Toluene-d8

Concen: 50.159 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018645.D

Acq: 19 Jun 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

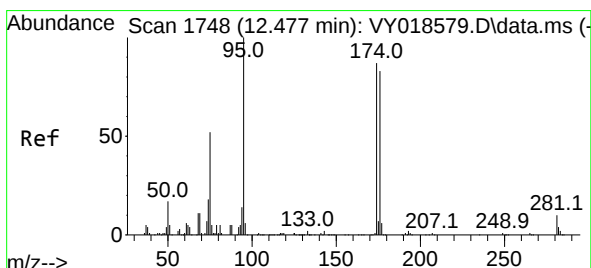
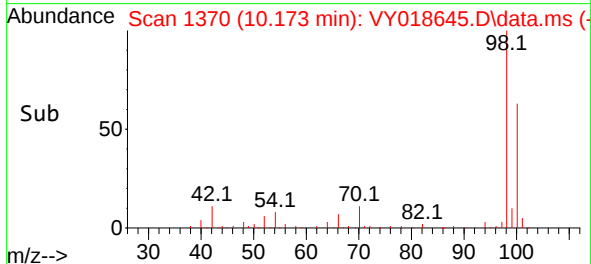
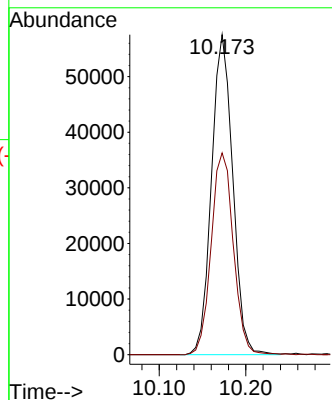
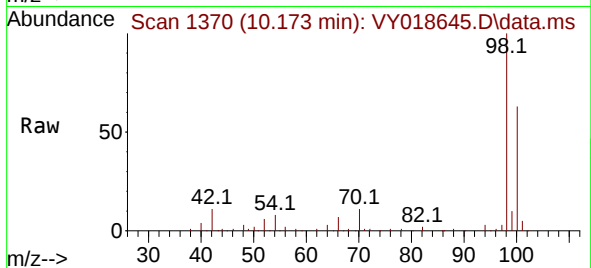
TP-1-VOC

Tgt Ion: 98 Resp: 97871

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.934 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018645.D

Acq: 19 Jun 2024 15:21

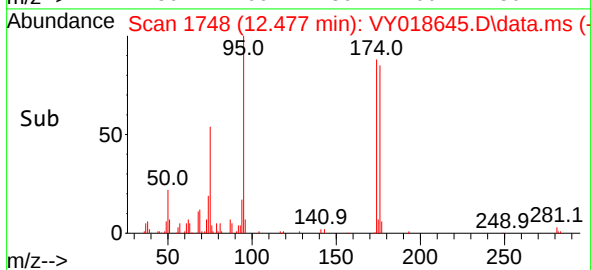
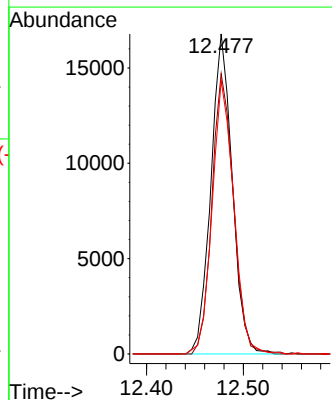
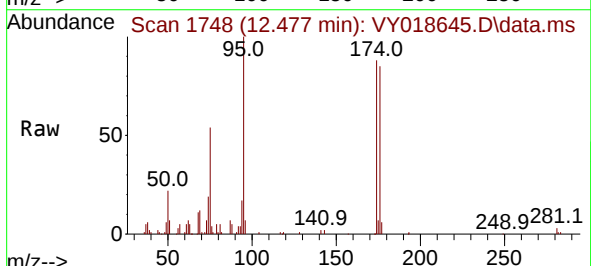
Tgt Ion: 95 Resp: 25837

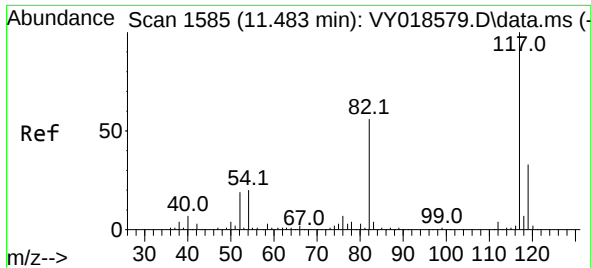
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.6

176 86.0 0.0 171.4

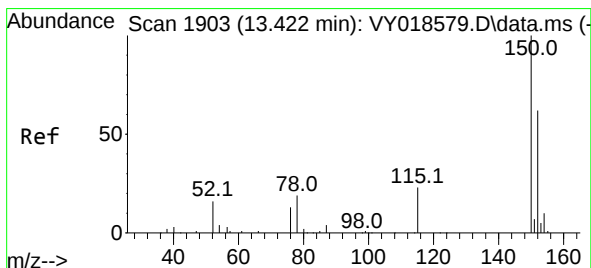
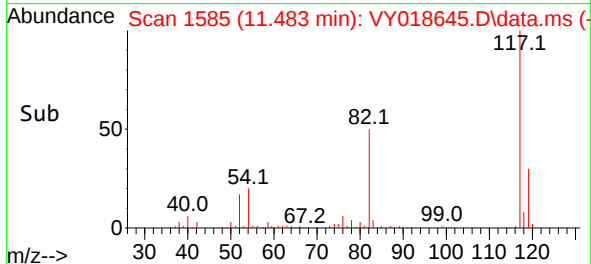
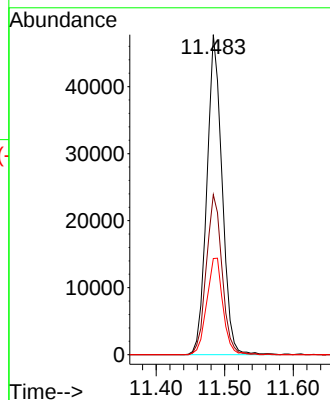
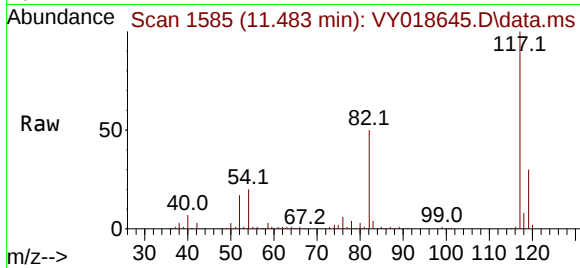




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

Tgt Ion:117 Resp: 73816
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 30.0 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: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion:152 Resp: 24452
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 163.9 0.0 345.6

