

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018597.D
 Acq On : 14 Jun 2024 16:09
 Operator : SY/MD
 Sample : P2864-07
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-I-VOC

Quant Time: Jun 14 23:24:30 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	98283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	172908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57290	57.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.703	113	59497	52.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.860%
50) Toluene-d8	10.172	98	223207	51.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.477	95	64986	47.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.320%

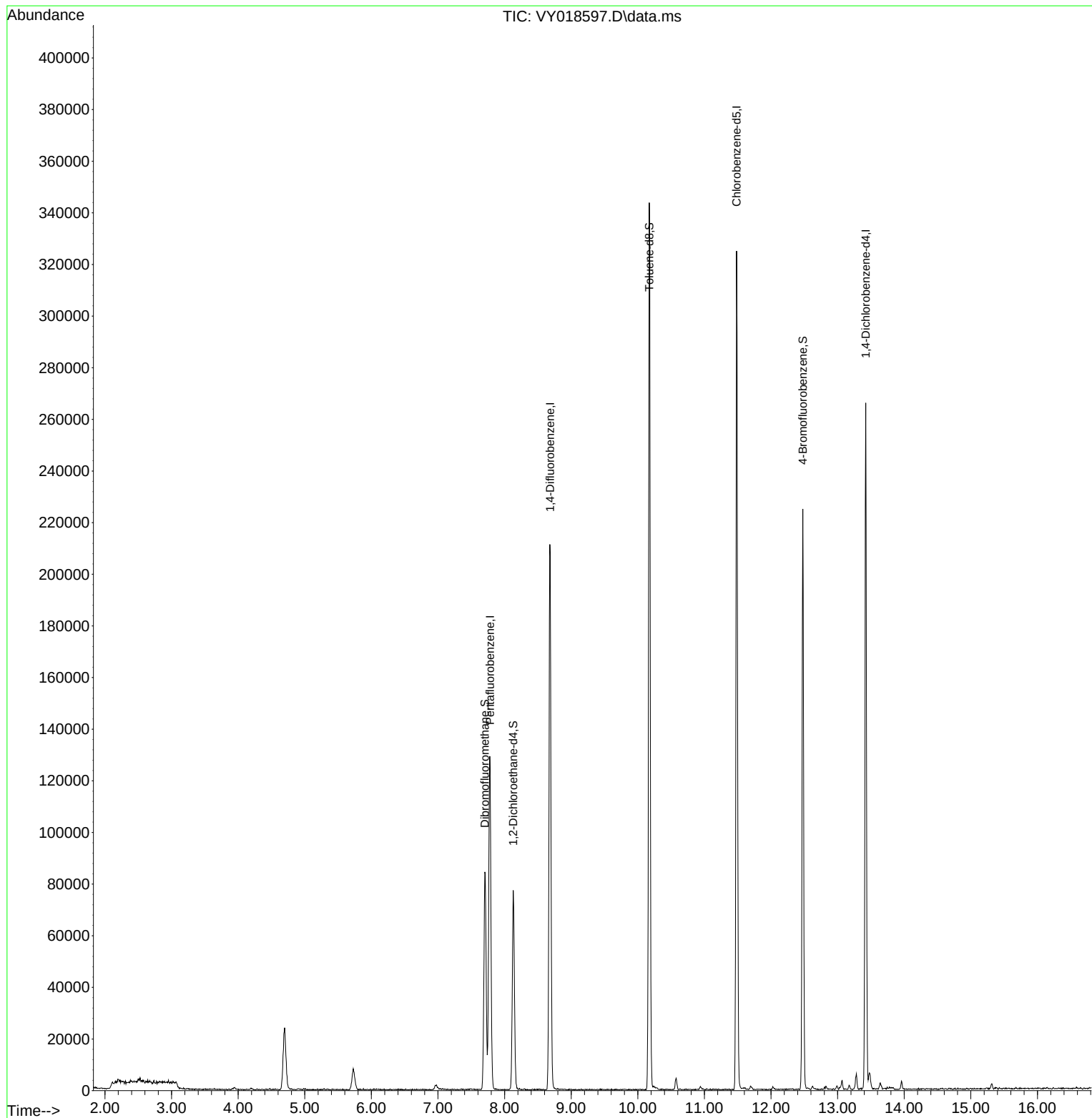
Target Compounds	Qvalue

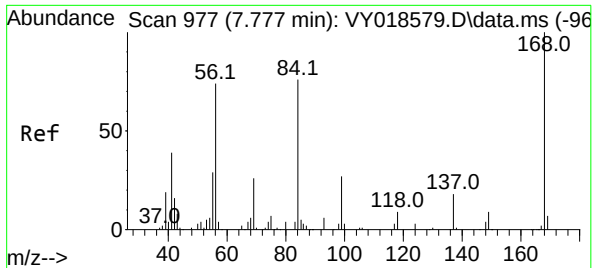
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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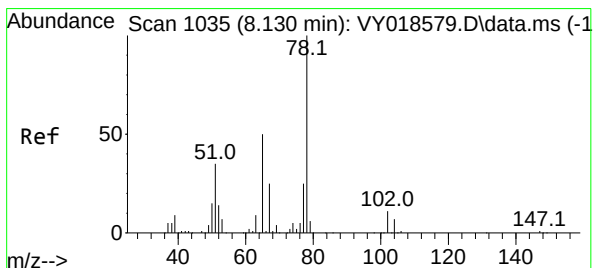
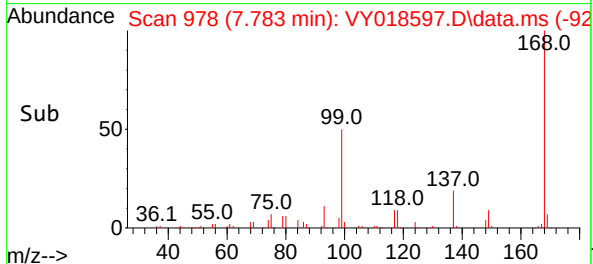
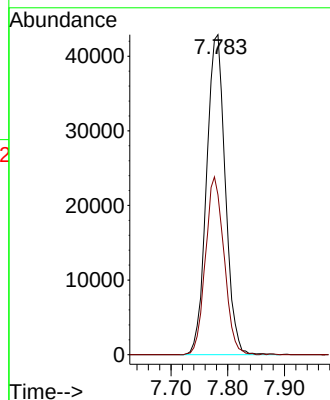
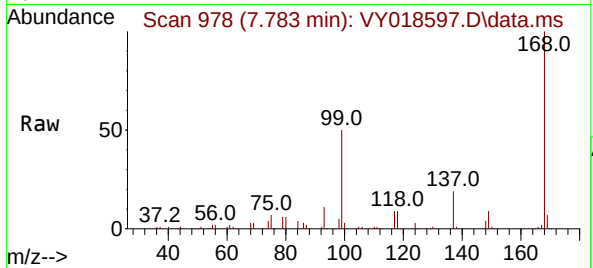




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

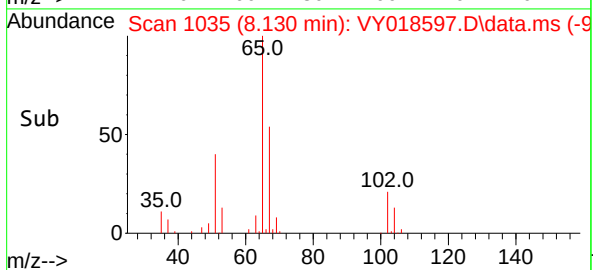
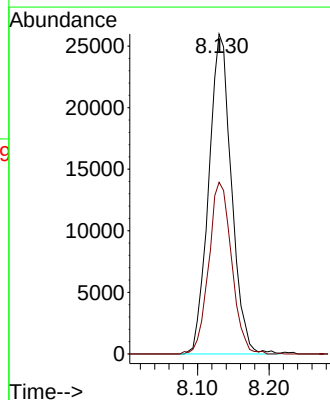
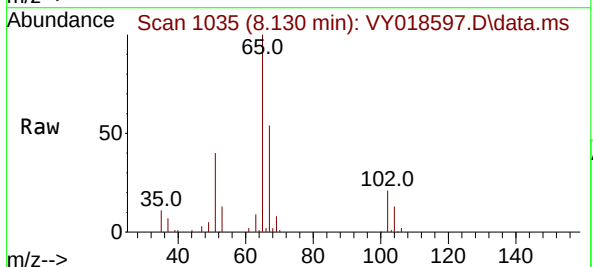
Instrument :
MSVOA_Y
ClientSampleId :
WC-I-VOC

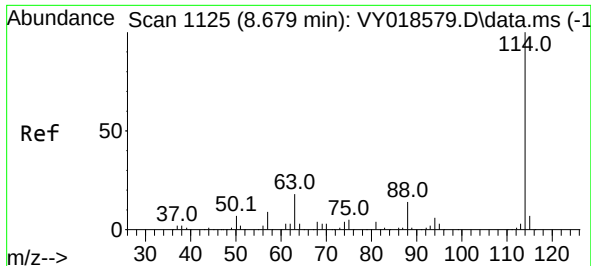
Tgt Ion:168 Resp: 98283
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.898 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

Tgt Ion: 65 Resp: 57290
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

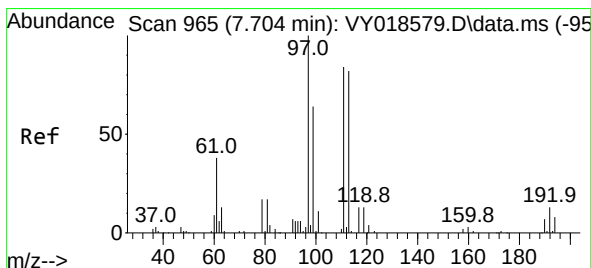
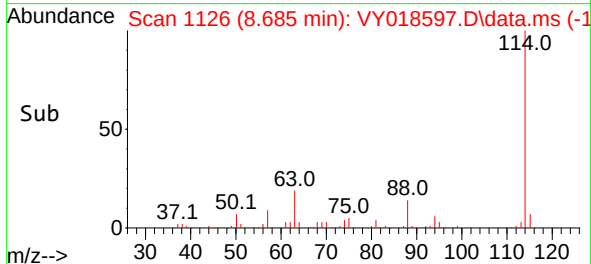
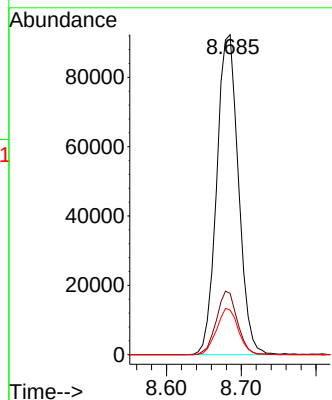
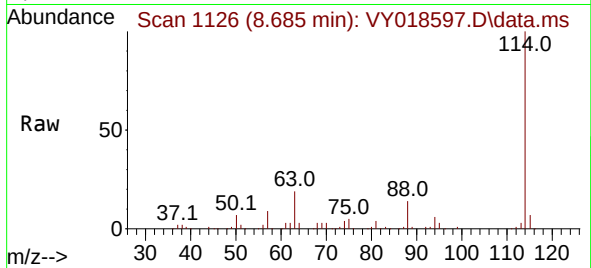




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

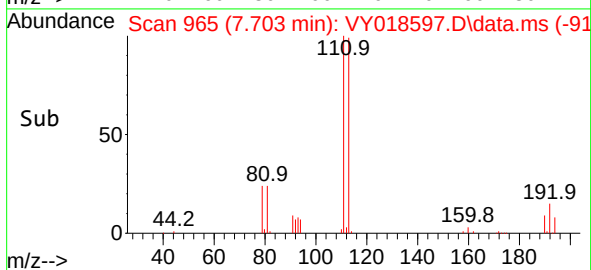
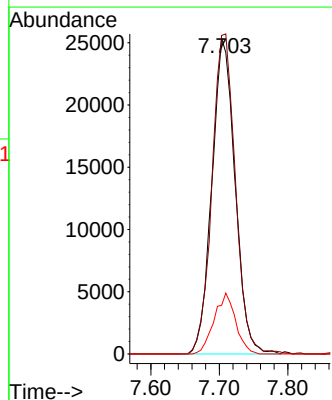
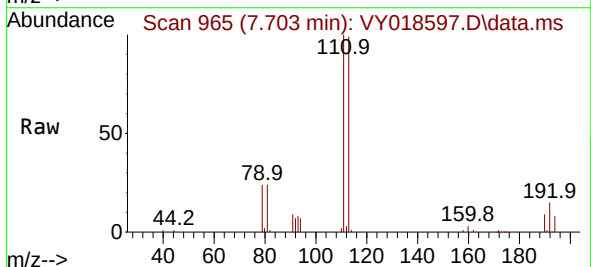
Instrument :
MSVOA_Y
ClientSampleId :
WC-I-VOC

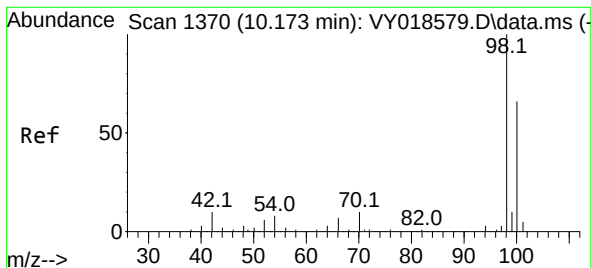
Tgt Ion:114 Resp: 186038
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.426 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

Tgt Ion:113 Resp: 59497
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.9 15.9 23.9





#50

Toluene-d8

Concen: 51.144 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

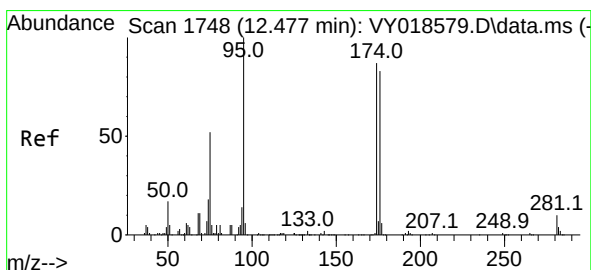
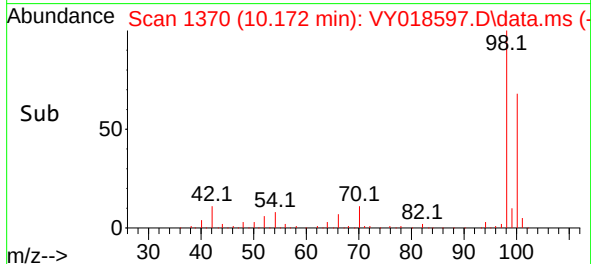
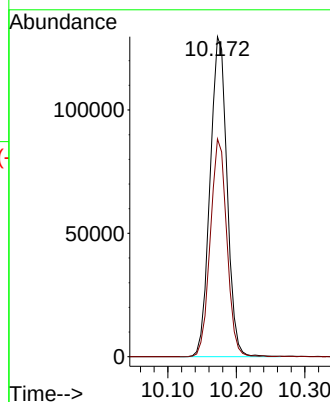
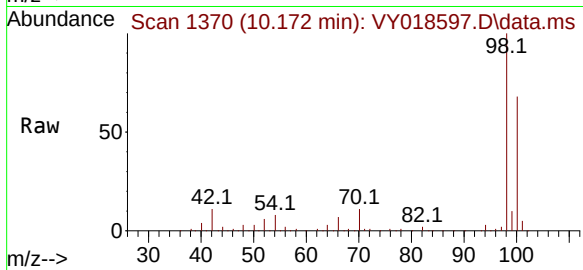
WC-I-VOC

Tgt Ion: 98 Resp: 223207

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.156 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018597.D

Acq: 14 Jun 2024 16:09

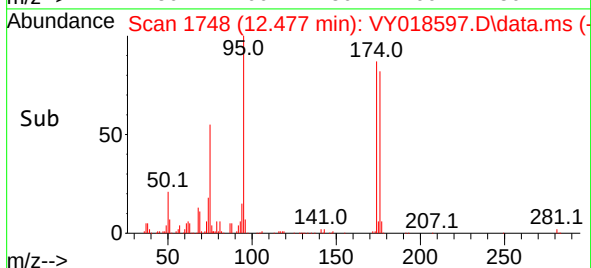
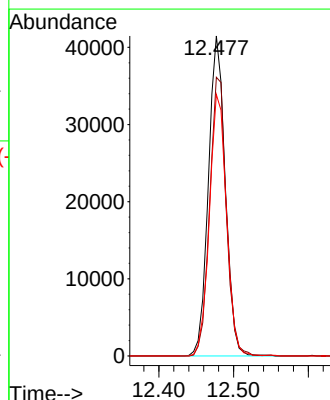
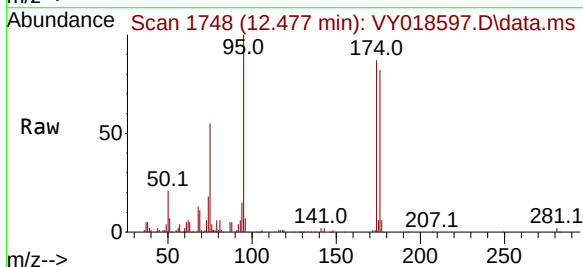
Tgt Ion: 95 Resp: 64986

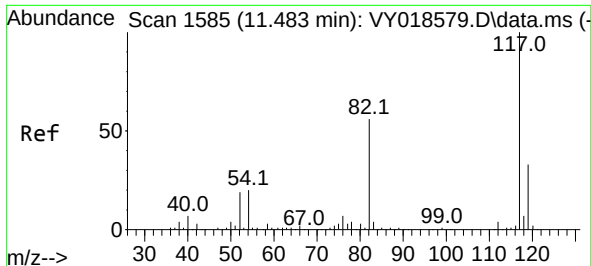
Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.6

176 82.8 0.0 171.4

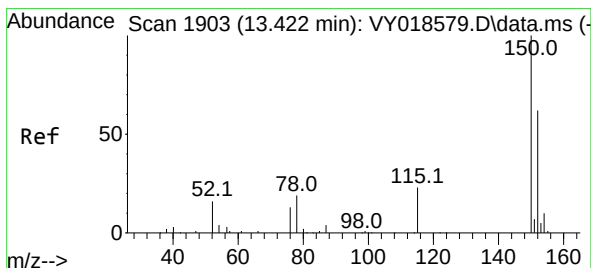
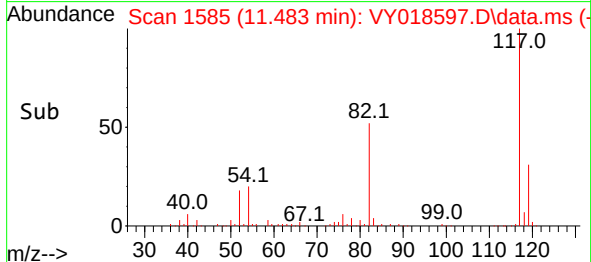
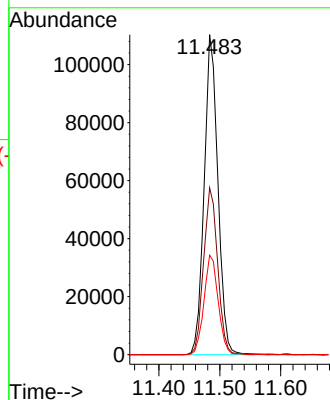
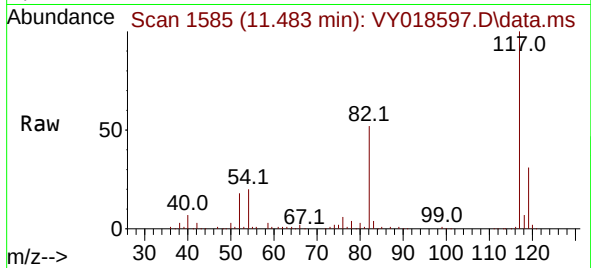




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018597.D
Acq: 14 Jun 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
WC-I-VOC

Tgt Ion:117 Resp: 172908
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 31.1 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: VY018597.D
Acq: 14 Jun 2024 16:09

Tgt Ion:152 Resp: 64946
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 159.1 0.0 345.6

