

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018668.D
 Acq On : 21 Jun 2024 14:45
 Operator : SY/MD
 Sample : P2995-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-06202024RE

Quant Time: Jun 21 23:00:27 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	7.771	168	11632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	18773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	12896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	4651	39.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.420%
35) Dibromofluoromethane	7.704	113	5756	50.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.173	98	20055	45.538	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.477	95	4185	30.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.180%

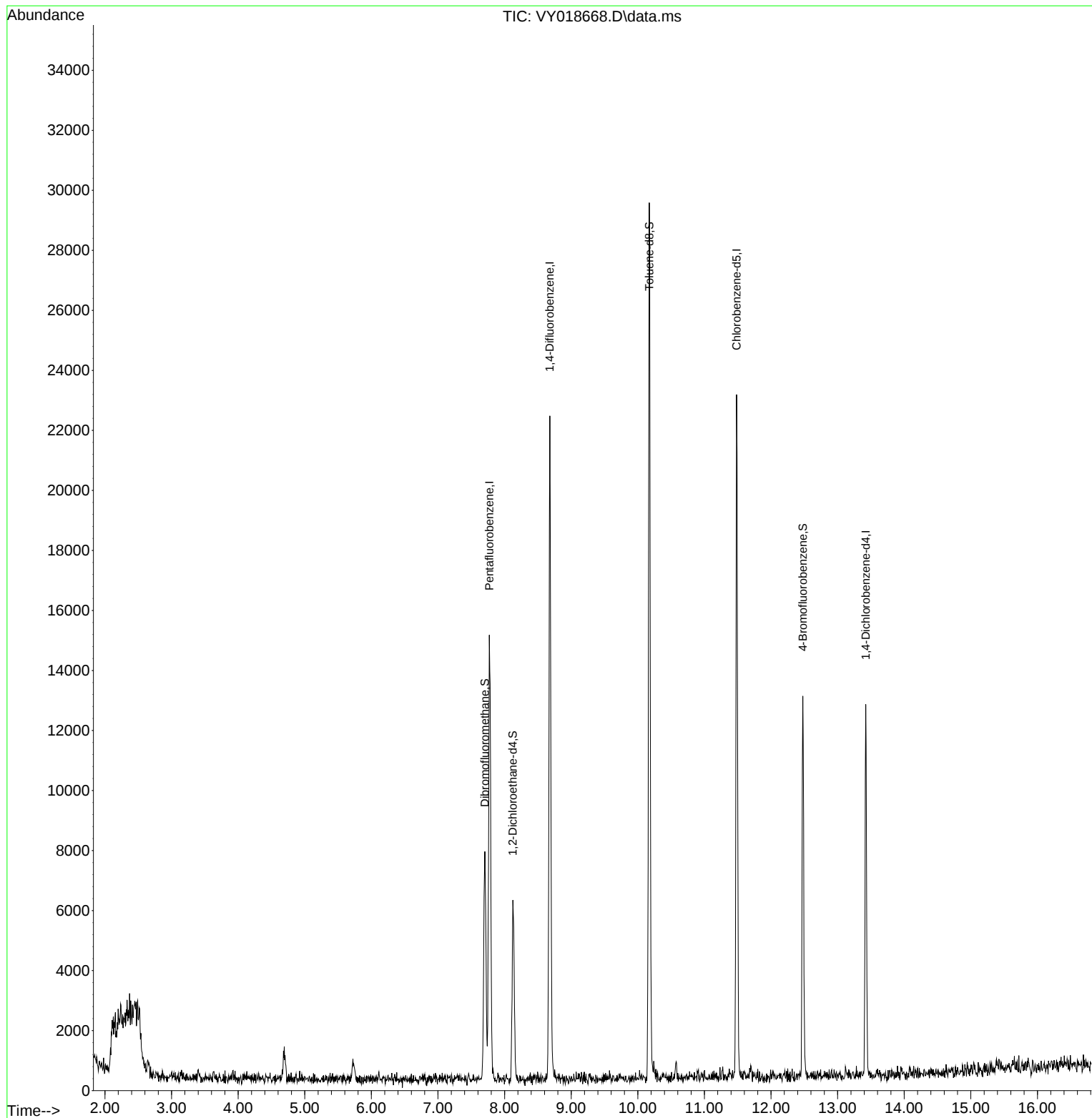
Target Compounds	Qvalue

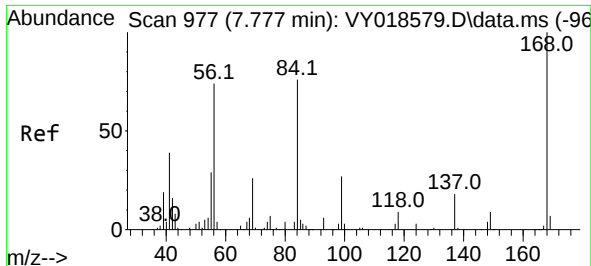
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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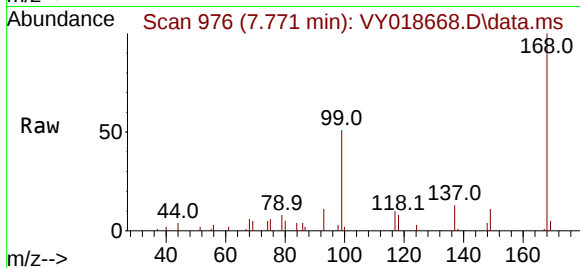
Quant Time: Jun 21 23:00:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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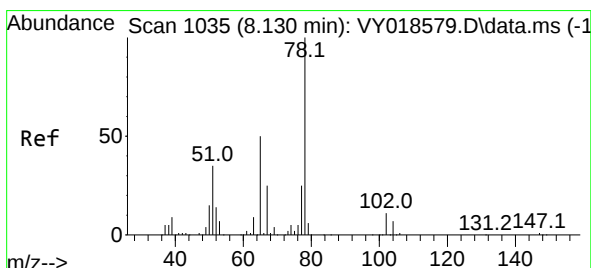
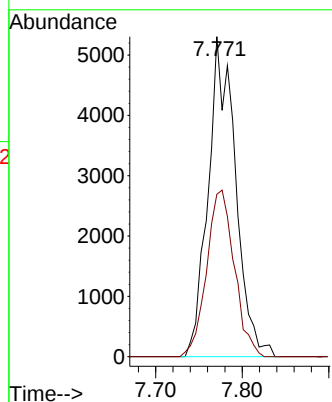
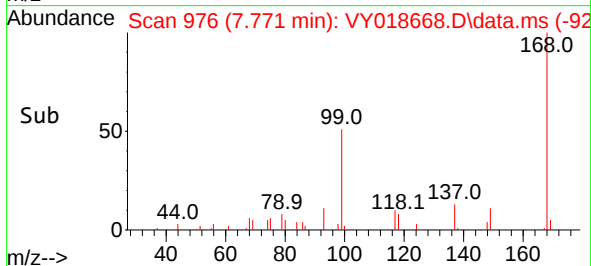


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-06202024RE

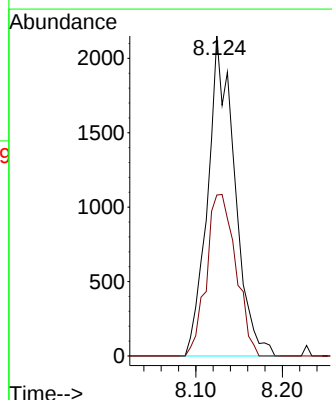
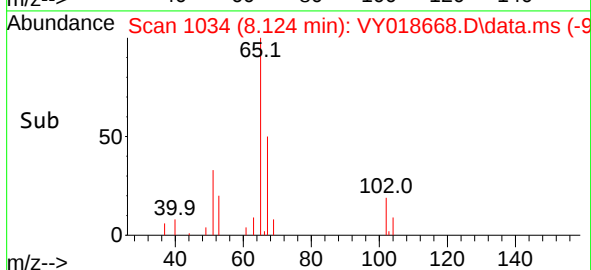
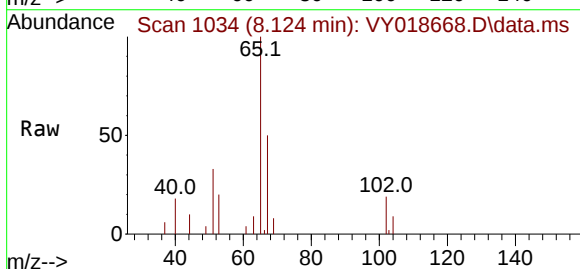


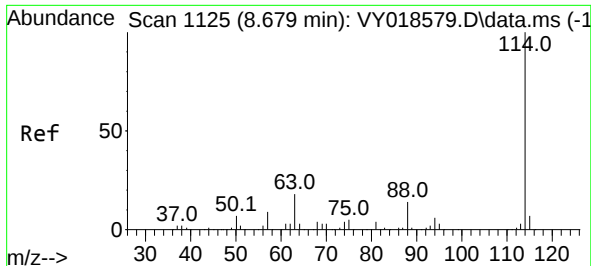
Tgt Ion:168 Resp: 11632
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.715 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Tgt Ion: 65 Resp: 4651
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: VY018668.D

Acq: 21 Jun 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-06202024RE

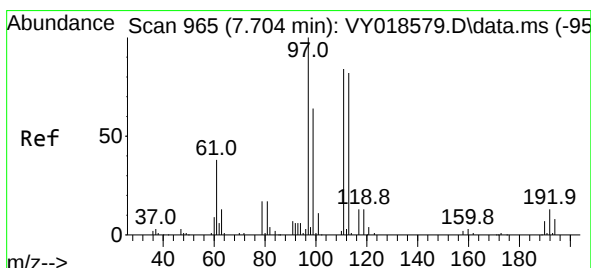
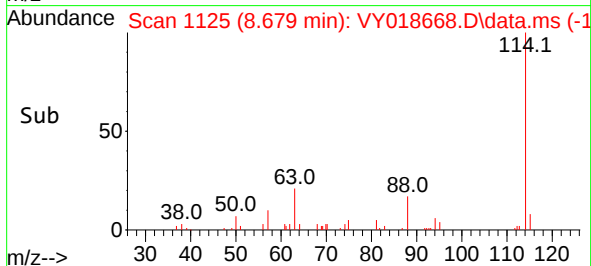
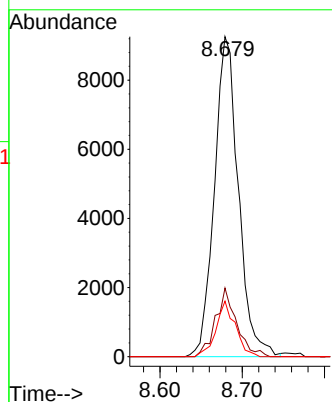
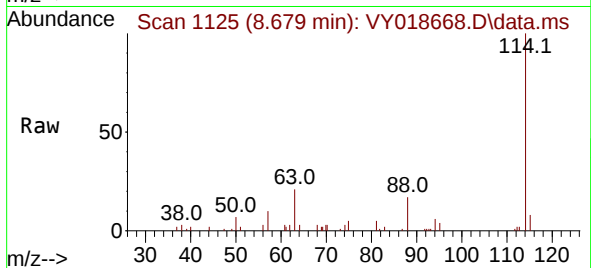
Tgt Ion:114 Resp: 18773

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 17.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.263 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

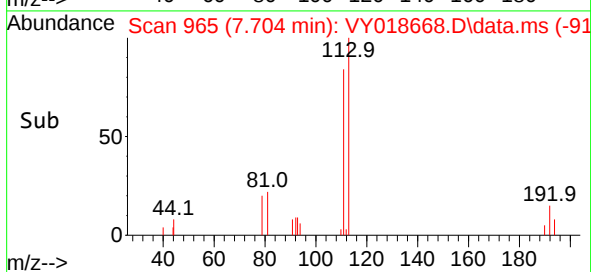
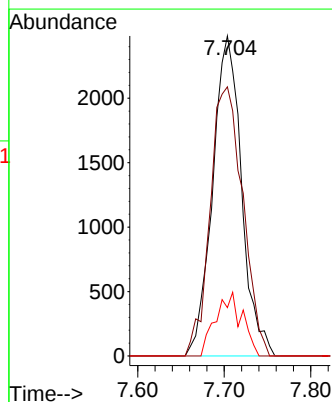
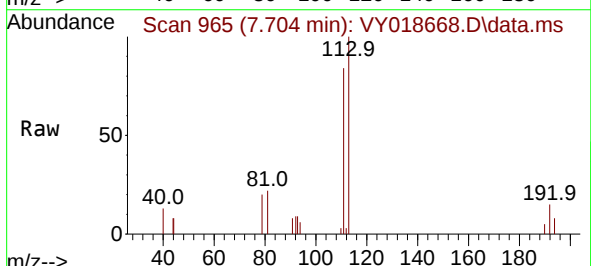
Tgt Ion:113 Resp: 5756

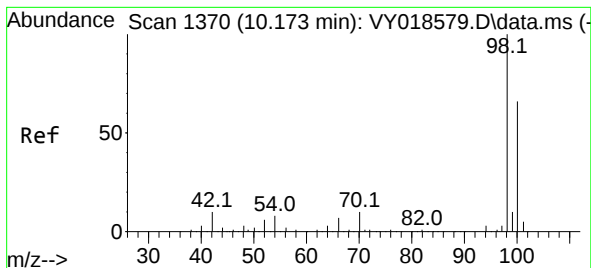
Ion Ratio Lower Upper

113 100

111 95.1 82.2 123.4

192 18.2 15.9 23.9





#50

Toluene-d8

Concen: 45.538 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

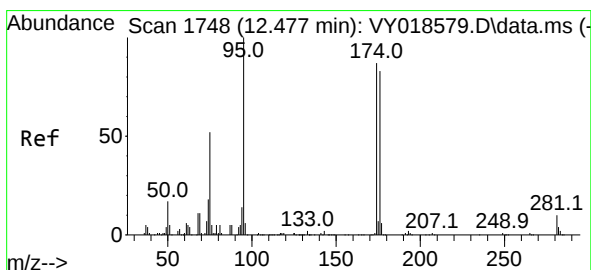
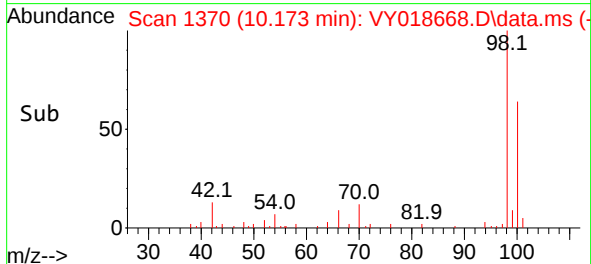
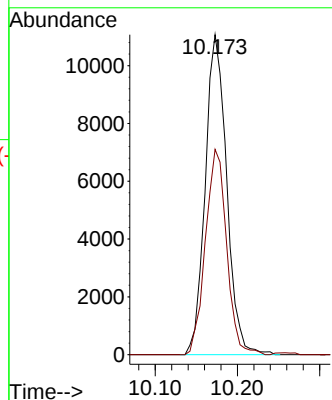
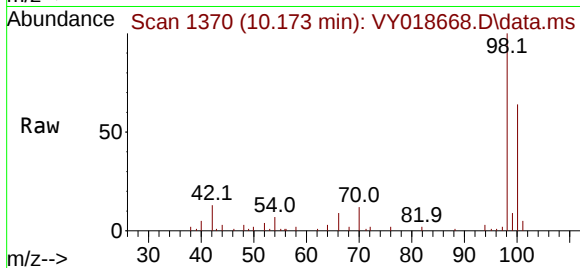
HR-02-06202024RE

Tgt Ion: 98 Resp: 20055

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 30.094 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

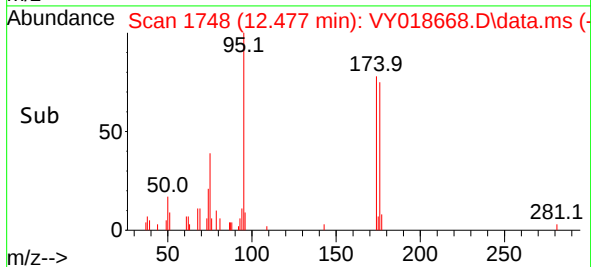
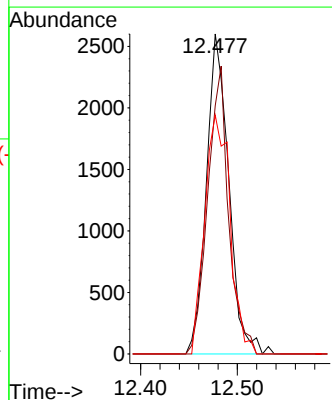
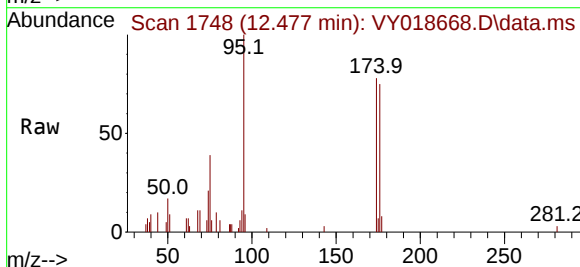
Tgt Ion: 95 Resp: 4185

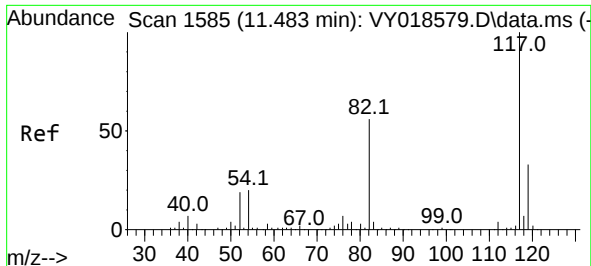
Ion Ratio Lower Upper

95 100

174 84.1 0.0 175.6

176 84.7 0.0 171.4

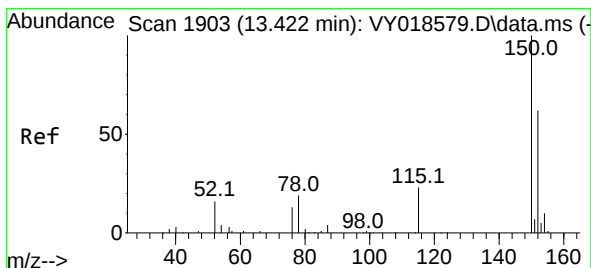
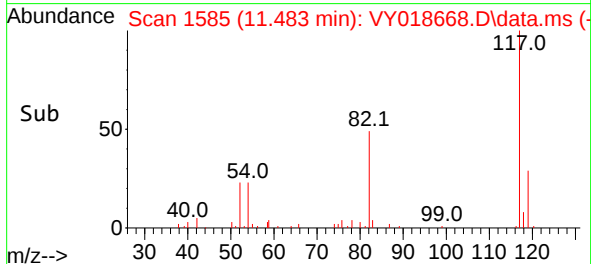
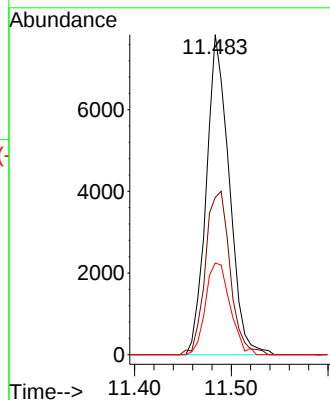
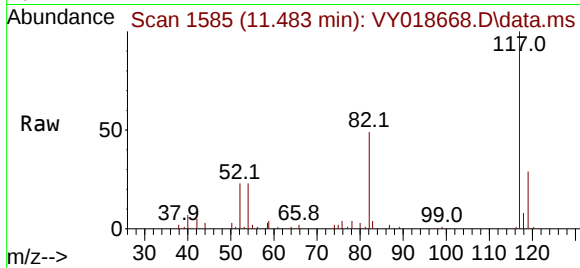




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-06202024RE

Tgt Ion:117	Resp:	12896
Ion	Ratio	Lower Upper
117	100	
82	49.2	42.4 63.6
119	28.7	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: VY018668.D
Acq: 21 Jun 2024 14:45

Tgt Ion:152	Resp:	3276
Ion	Ratio	Lower Upper
152	100	
115	61.1	28.2 84.7
150	168.8	0.0 345.6

