

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020646.D
 Acq On : 19 Dec 2024 11:07
 Operator : SY/MD
 Sample : VY1219SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBL01

Quant Time: Dec 20 00:46:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	204045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	318952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	271132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	145317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99418	44.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.634	113	102958	45.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.109	98	344522	43.788	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.580%
62) 4-Bromofluorobenzene	12.408	95	124147	40.337	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.680%

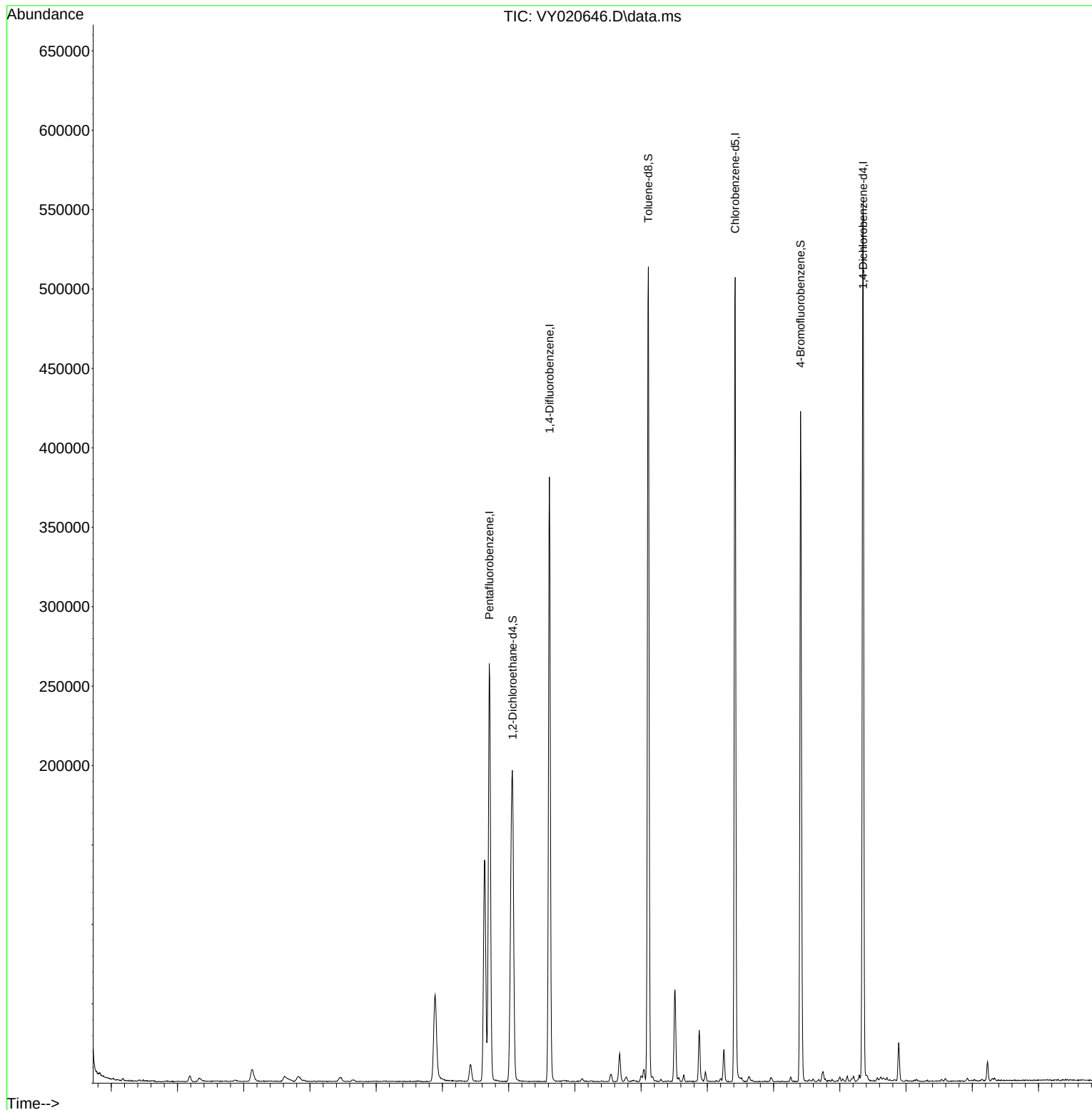
Target Compounds Qvalue

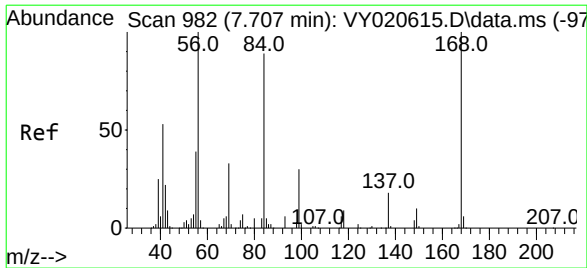
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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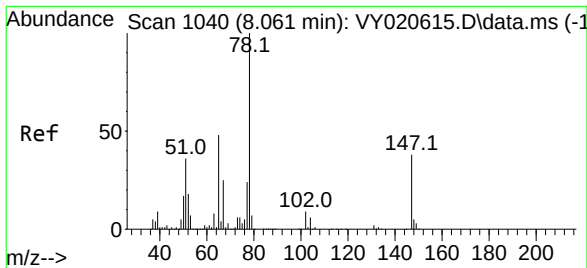
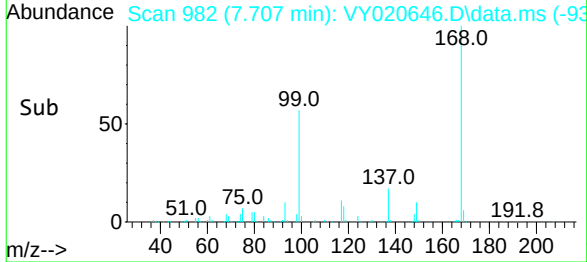
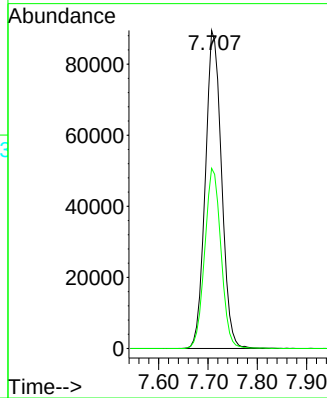
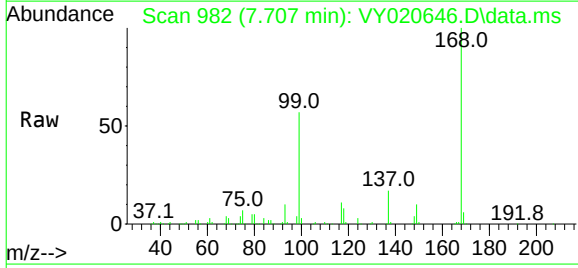




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

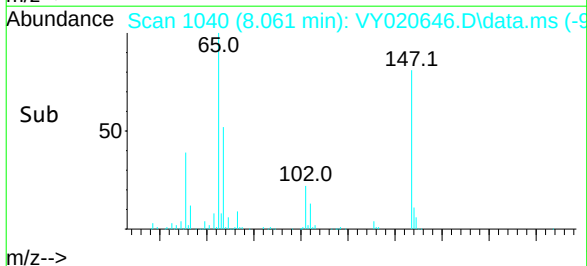
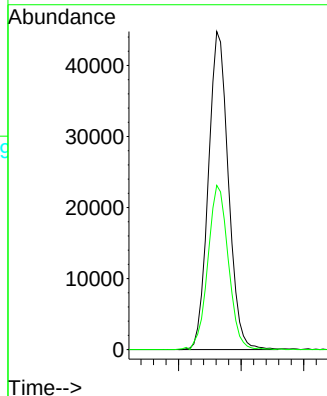
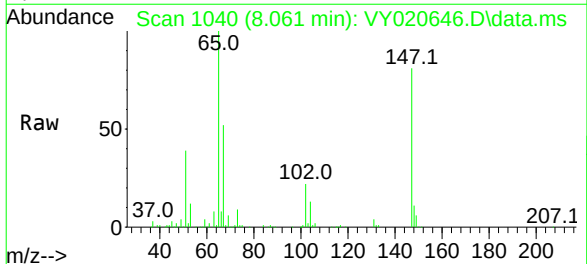
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBL01

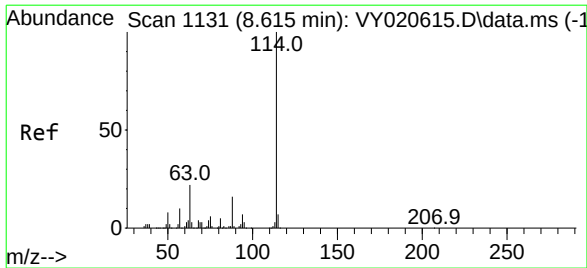
Tgt Ion:168 Resp: 204045
Ion Ratio Lower Upper
168 100
99 56.6 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 44.488 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Tgt Ion: 65 Resp: 99418
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0

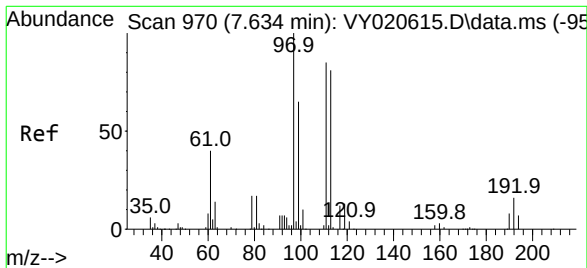
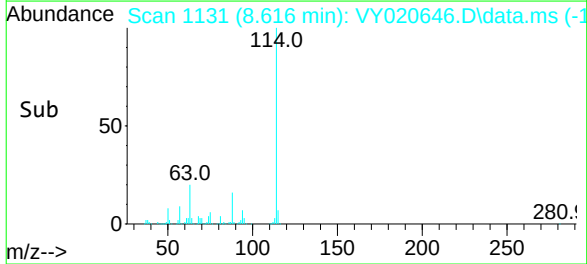
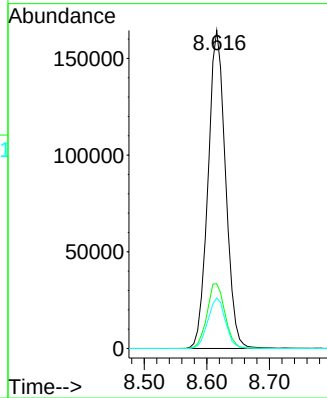
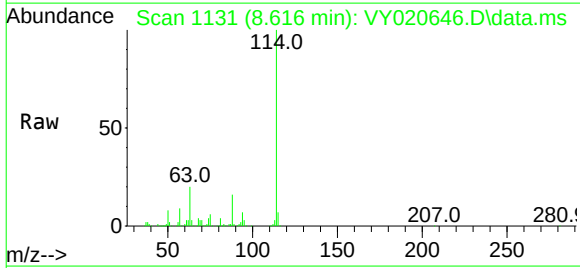




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

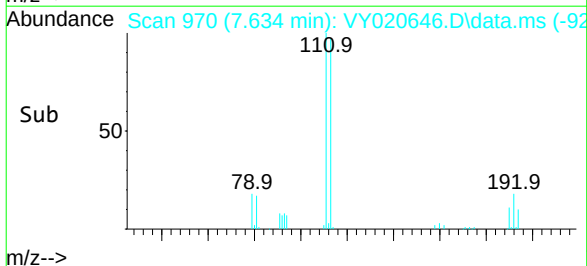
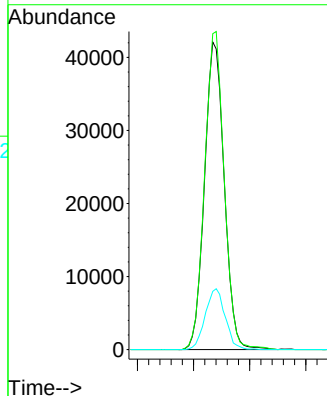
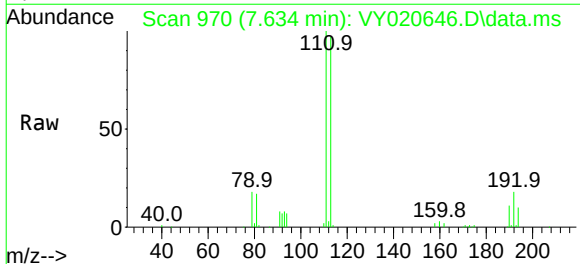
Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBL01

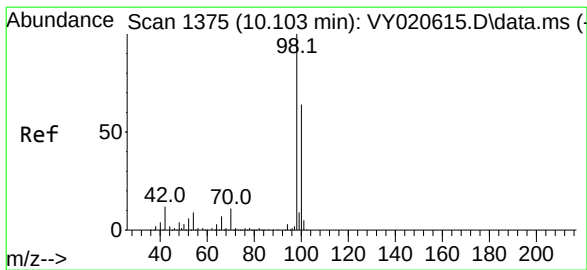
Tgt Ion:	114	Resp:	318952
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	44.0
88	15.9	0.0	32.8



#35
Dibromofluoromethane
Concen: 45.802 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020646.D
Acq: 19 Dec 2024 11:07

Tgt Ion:	113	Resp:	102958
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.0	15.7	23.5





#50

Toluene-d8

Concen: 43.788 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY020646.D

Acq: 19 Dec 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

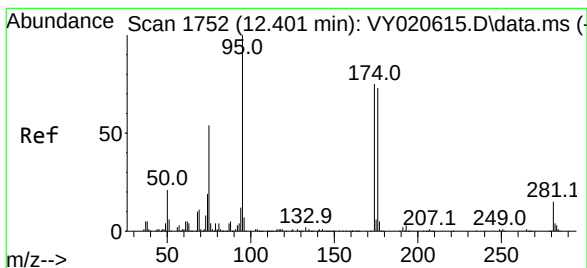
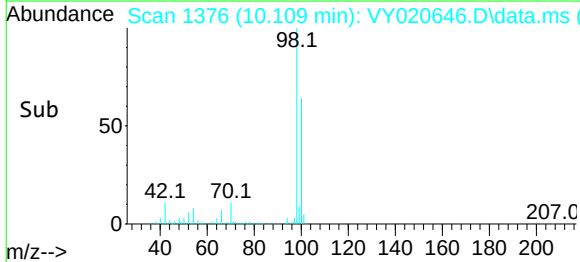
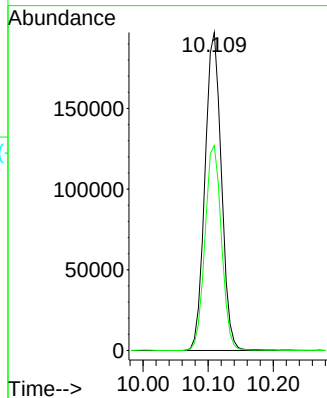
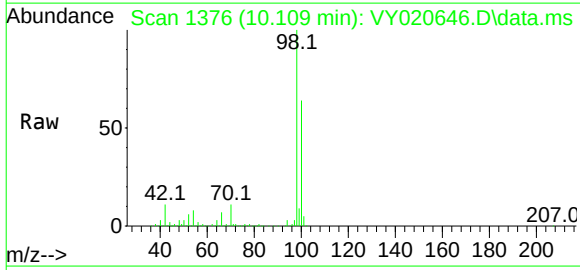
VY1219SBL01

Tgt Ion: 98 Resp: 344522

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 40.337 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020646.D

Acq: 19 Dec 2024 11:07

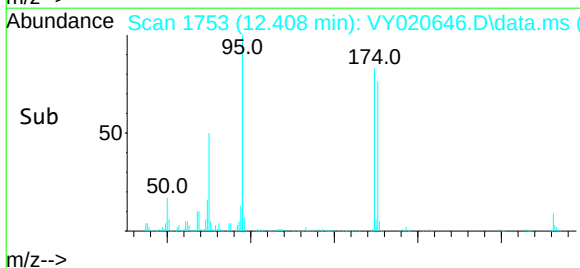
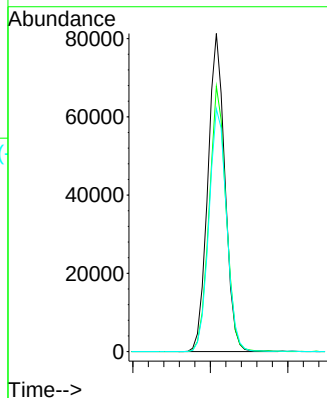
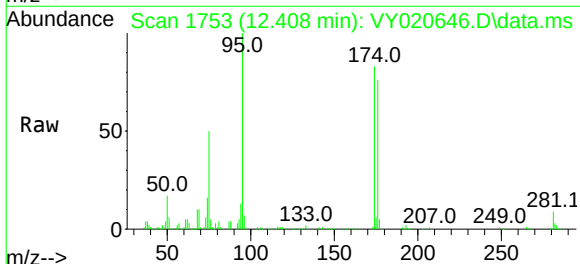
Tgt Ion: 95 Resp: 124147

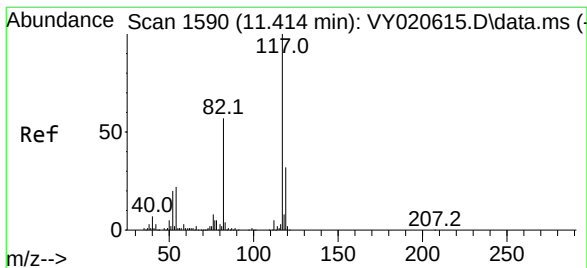
Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.8

176 79.1 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020646.D

Acq: 19 Dec 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBL01

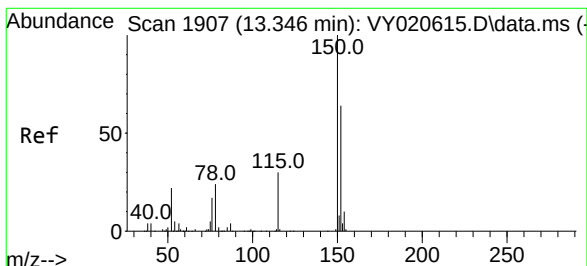
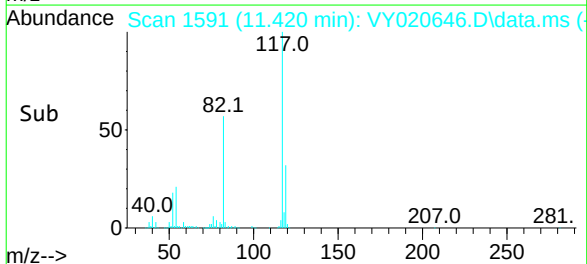
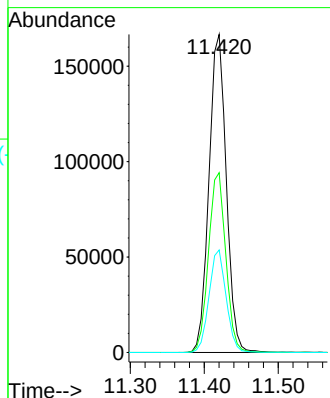
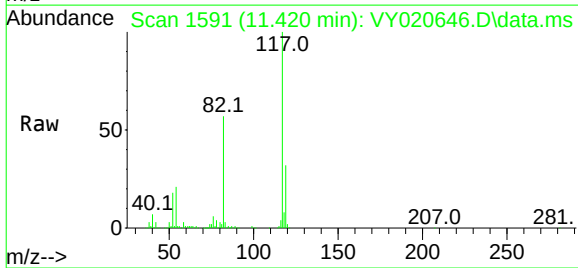
Tgt Ion:117 Resp: 271132

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.6

119 32.2 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020646.D

Acq: 19 Dec 2024 11:07

Tgt Ion:152 Resp: 145317

Ion Ratio Lower Upper

152 100

115 58.4 30.2 90.6

150 155.2 0.0 355.4

