

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020008.D
 Acq On : 24 Oct 2024 13:46
 Operator : SY/MD
 Sample : P4487-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-B5RE

Quant Time: Oct 25 01:40:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	20087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	35831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	24566	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	4686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	10830	43.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.580%
35) Dibromofluoromethane	7.634	113	11568	48.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.109	98	37709	43.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.380%
62) 4-Bromofluorobenzene	12.407	95	8151	25.835	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	51.680%

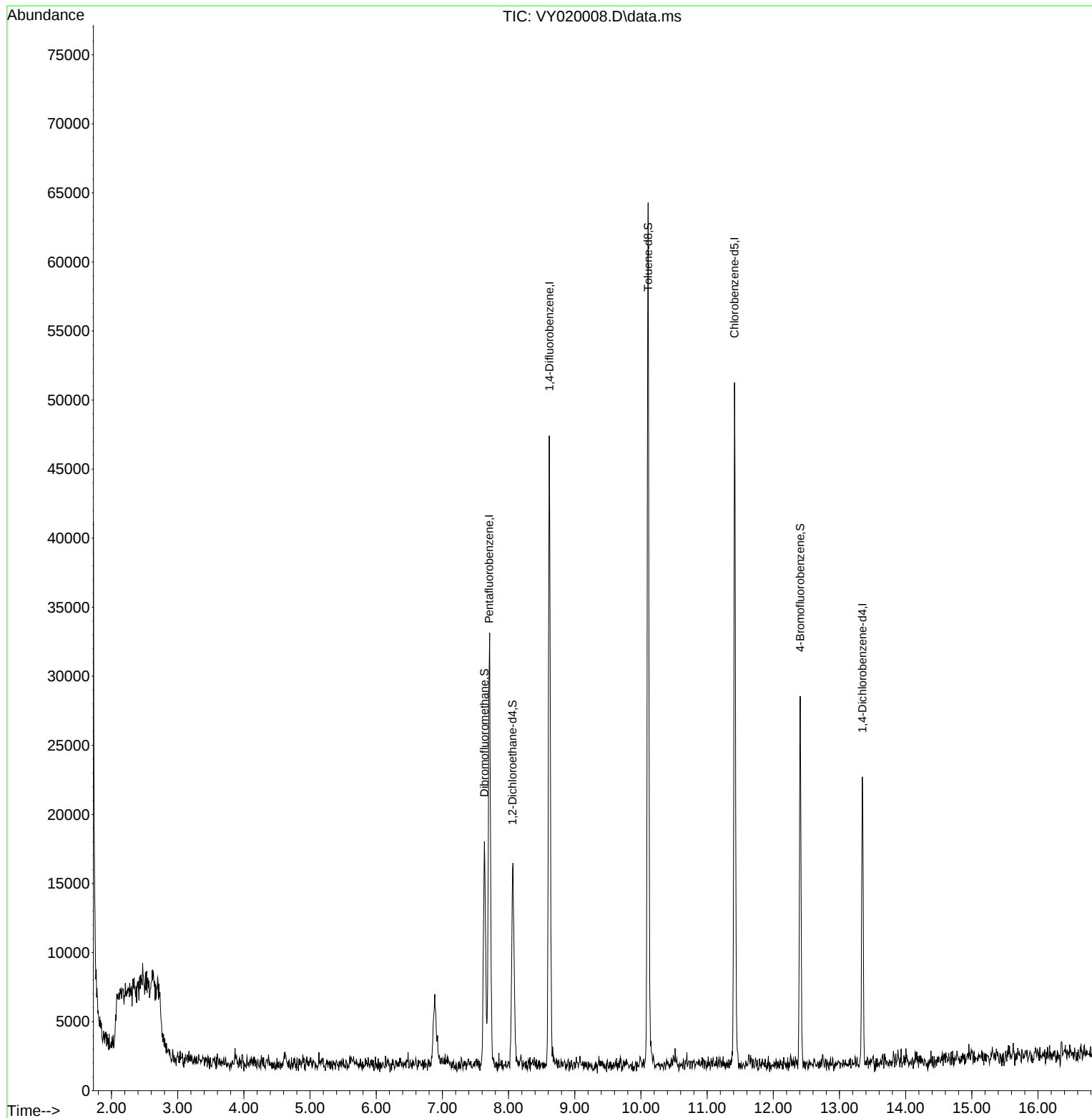
Target Compounds	Qvalue

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

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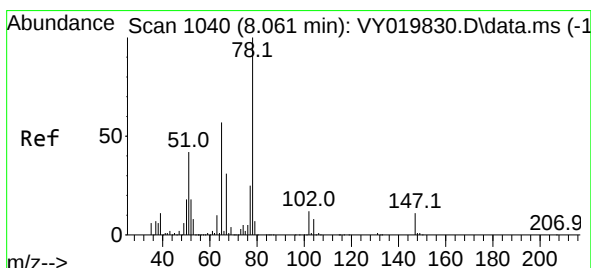
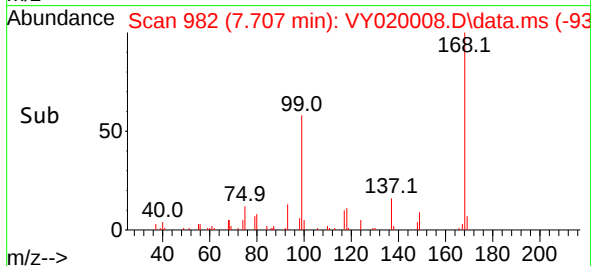
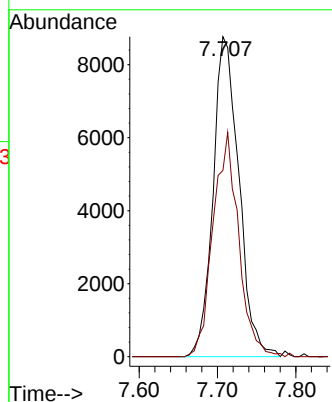
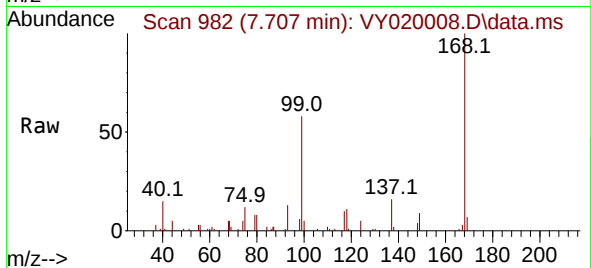




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020008.D
Acq: 24 Oct 2024 13:46

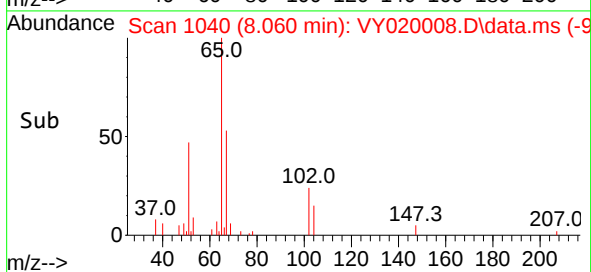
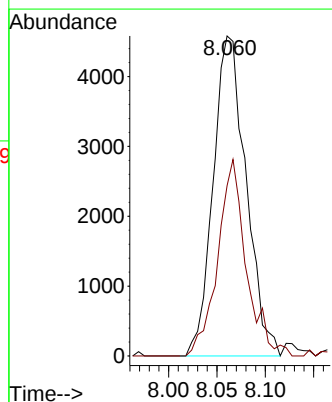
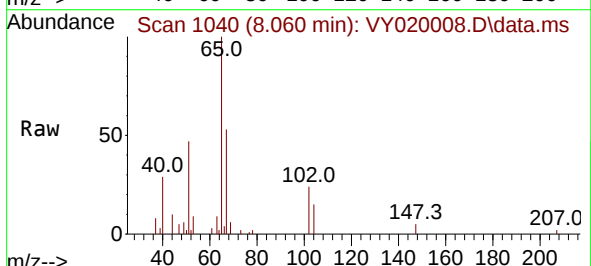
Instrument :
MSVOA_Y
ClientSampleId :
BP-B5RE

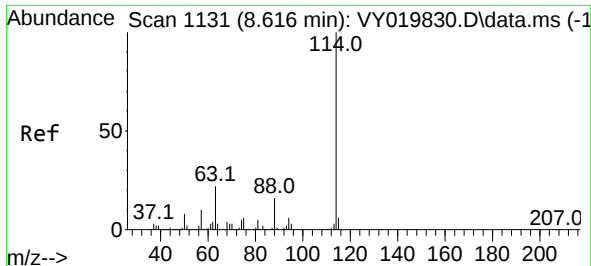
Tgt Ion:168 Resp: 20087
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.788 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020008.D
Acq: 24 Oct 2024 13:46

Tgt Ion: 65 Resp: 10830
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020008.D

Acq: 24 Oct 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BP-B5RE

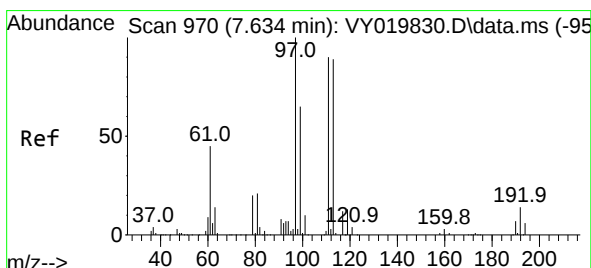
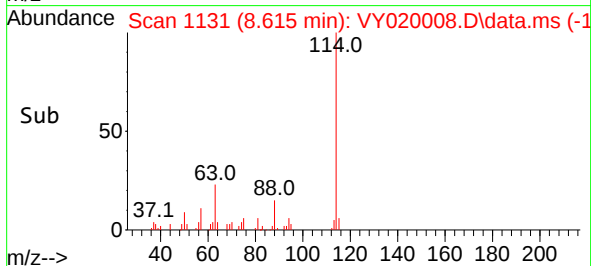
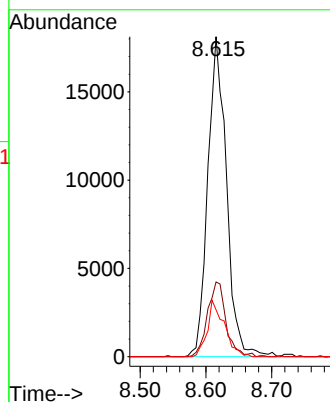
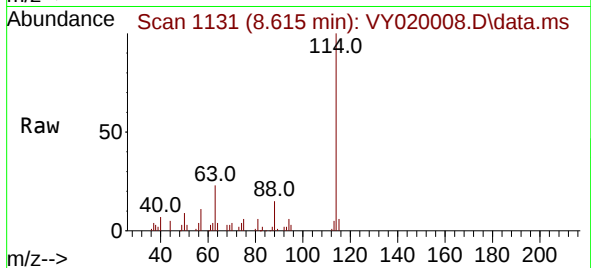
Tgt Ion:114 Resp: 35831

Ion Ratio Lower Upper

114 100

63 23.4 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.925 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020008.D

Acq: 24 Oct 2024 13:46

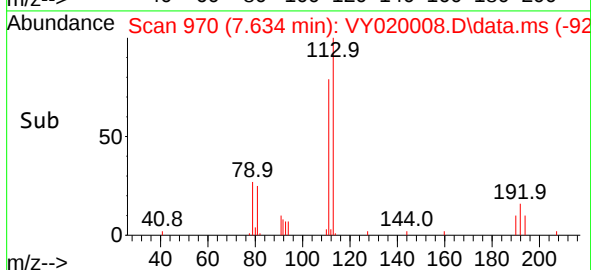
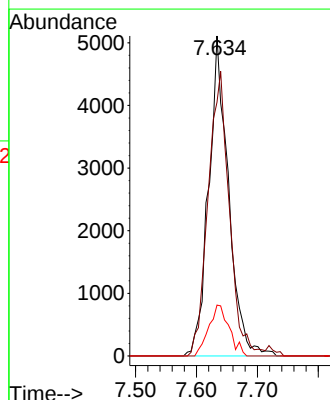
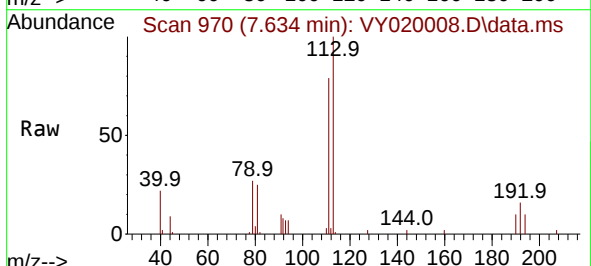
Tgt Ion:113 Resp: 11568

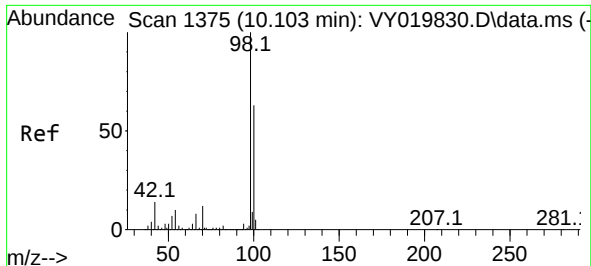
Ion Ratio Lower Upper

113 100

111 94.6 82.2 123.4

192 16.4 15.9 23.9

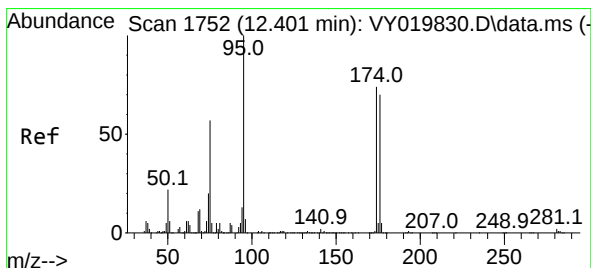
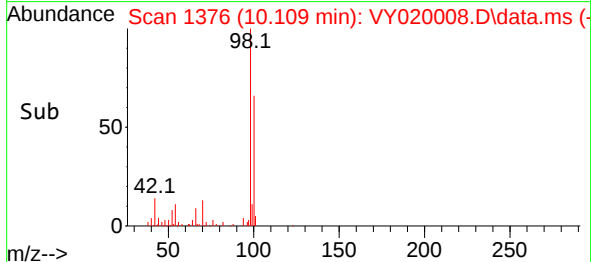
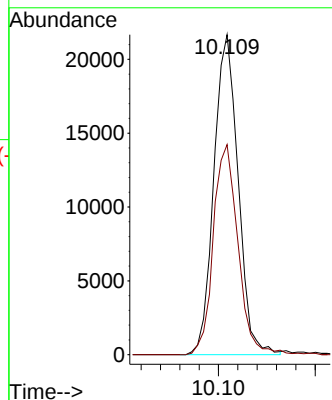
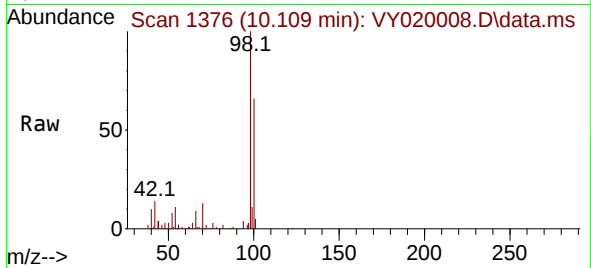




#50
Toluene-d8
Concen: 43.187 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020008.D
Acq: 24 Oct 2024 13:46

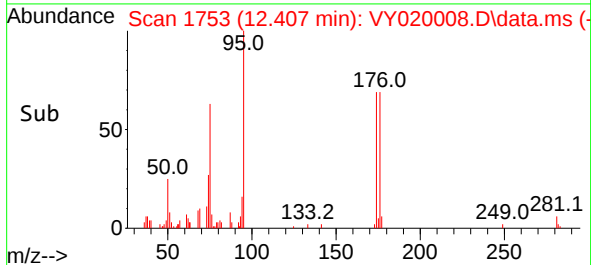
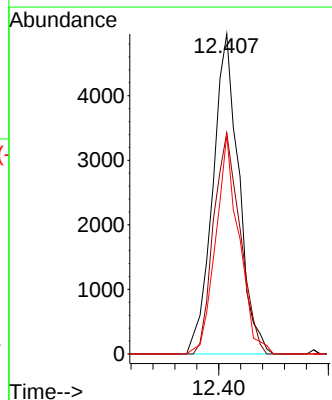
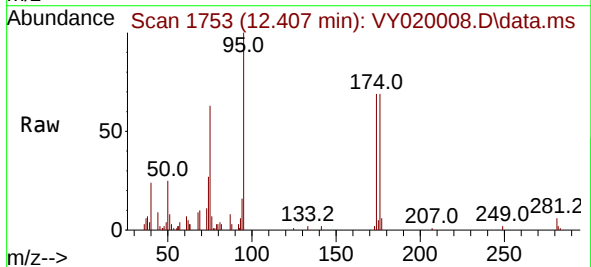
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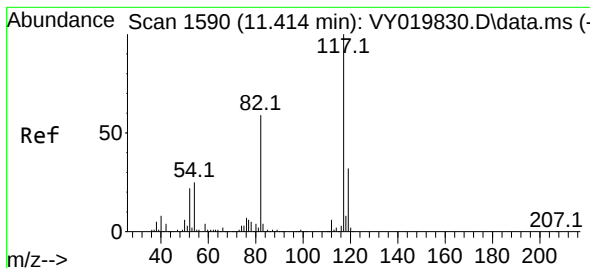
Tgt Ion: 98 Resp: 37709
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.835 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020008.D
Acq: 24 Oct 2024 13:46

Tgt Ion: 95 Resp: 8151
Ion Ratio Lower Upper
95 100
174 70.6 0.0 175.6
176 61.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020008.D

Acq: 24 Oct 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BP-B5RE

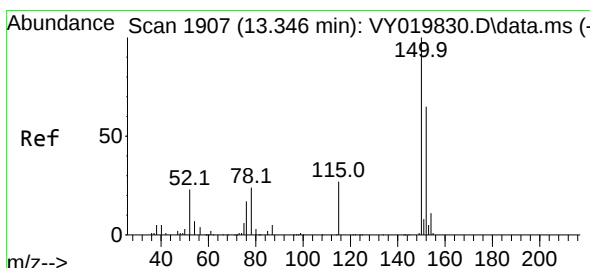
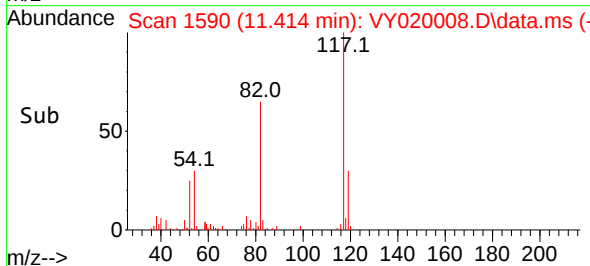
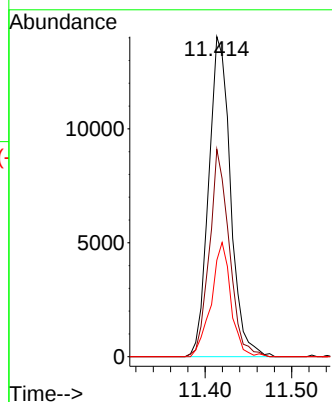
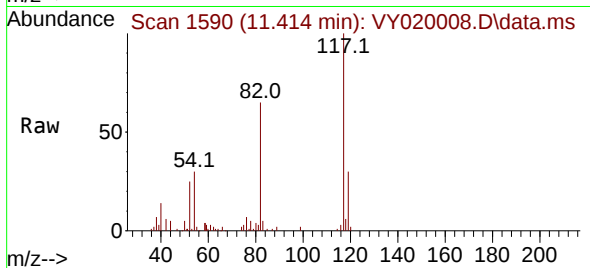
Tgt Ion:117 Resp: 24566

Ion Ratio Lower Upper

117 100

82 64.8 42.4 63.6#

119 30.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020008.D

Acq: 24 Oct 2024 13:46

Tgt Ion:152 Resp: 4686

Ion Ratio Lower Upper

152 100

115 67.1 28.2 84.7

150 161.5 0.0 345.6

