

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018960.D
 Acq On : 09 Aug 2024 12:19
 Operator : SY/MD
 Sample : P3520-01RE
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-08-080624RE

Quant Time: Aug 09 23:25:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	76155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	120586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	102205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40779	60.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.980%	
35) Dibromofluoromethane	7.622	113	46407	60.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.520%	
50) Toluene-d8	10.103	98	174174	58.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.760%	
62) 4-Bromofluorobenzene	12.408	95	44946	51.212	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.420%	

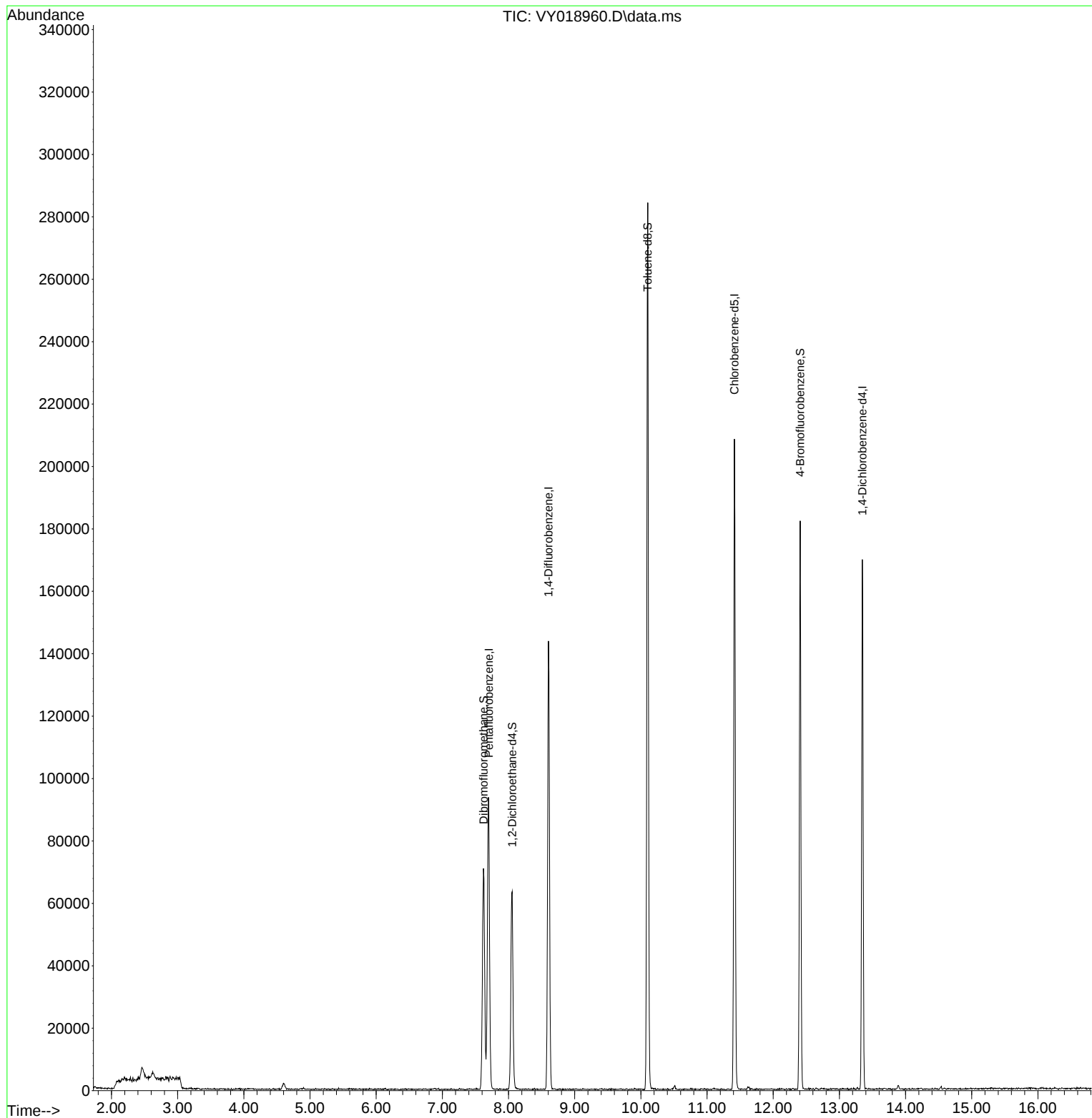
Target Compounds	Qvalue

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

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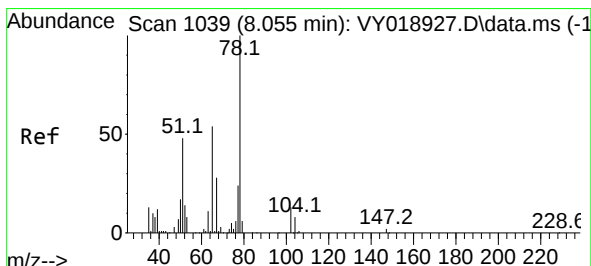
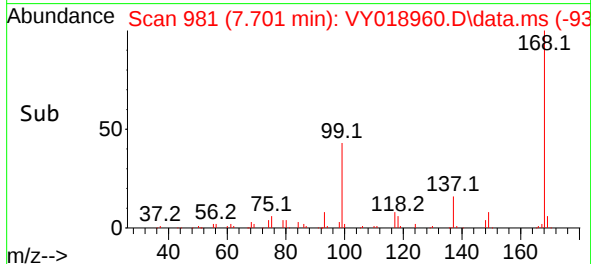
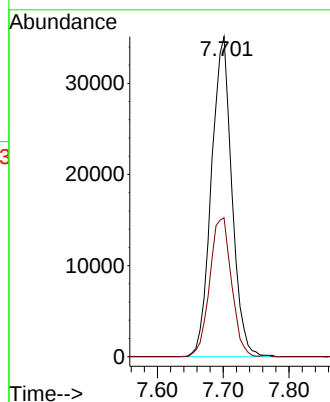
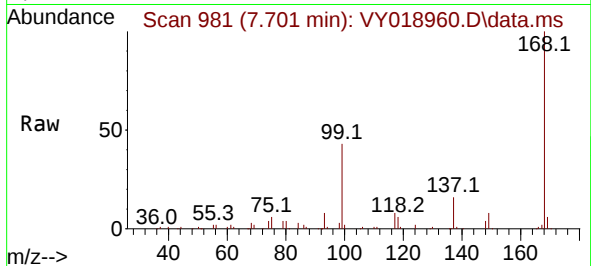




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018960.D
Acq: 09 Aug 2024 12:19

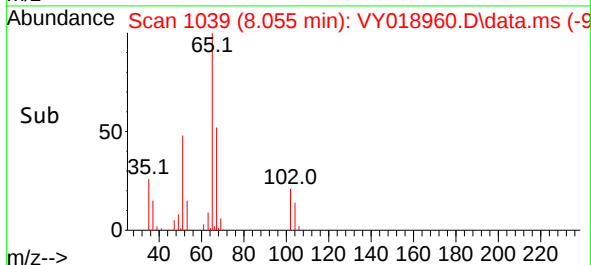
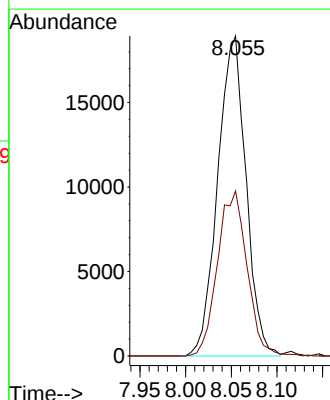
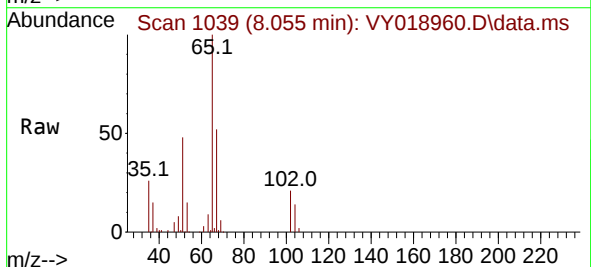
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-08-080624RE

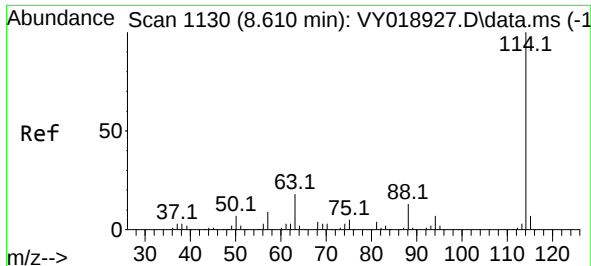
Tgt Ion:168 Resp: 76155
Ion Ratio Lower Upper
168 100
99 43.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.988 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018960.D
Acq: 09 Aug 2024 12:19

Tgt Ion: 65 Resp: 40779
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY018960.D

Acq: 09 Aug 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-08-080624RE

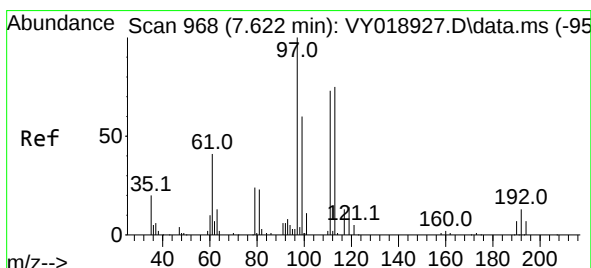
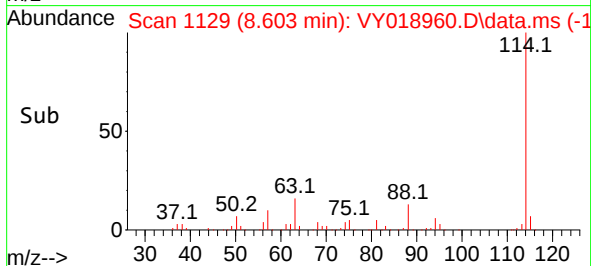
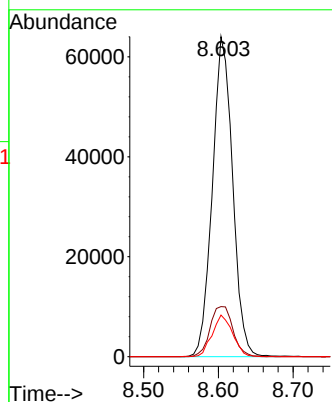
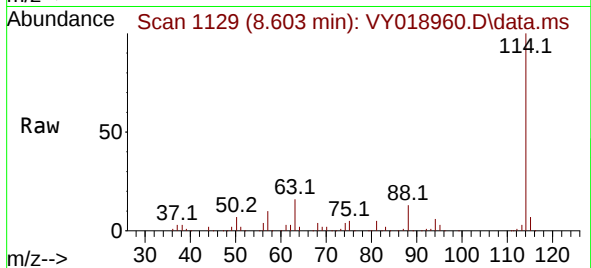
Tgt Ion:114 Resp: 120586

Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.256 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018960.D

Acq: 09 Aug 2024 12:19

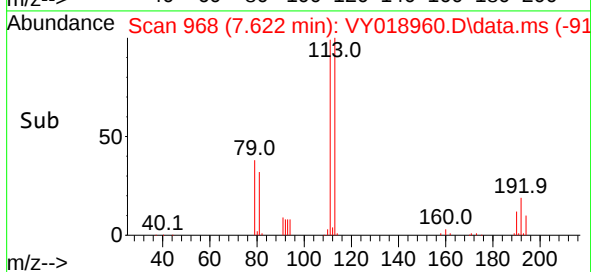
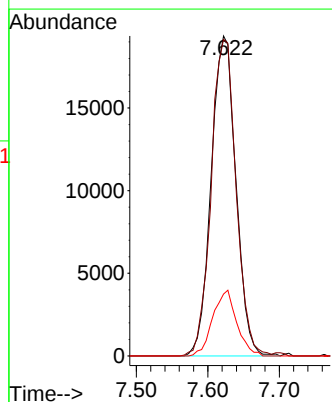
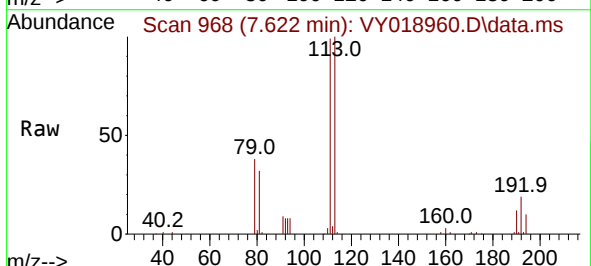
Tgt Ion:113 Resp: 46407

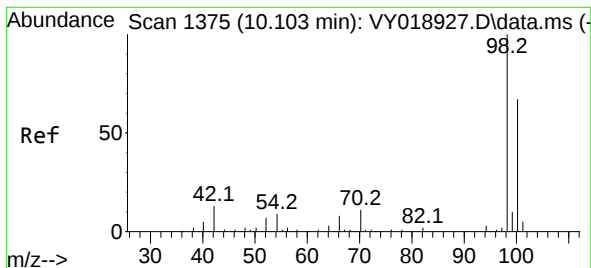
Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

192 19.9 15.9 23.9





#50

Toluene-d8

Concen: 58.877 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY018960.D

Acq: 09 Aug 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

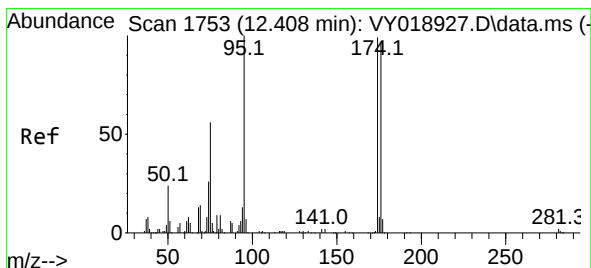
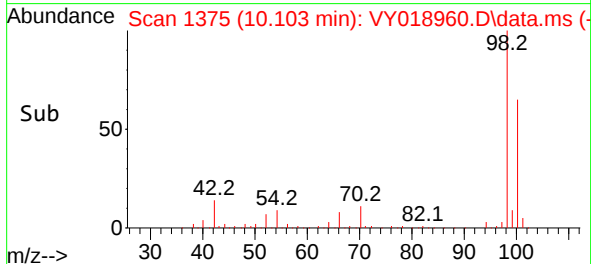
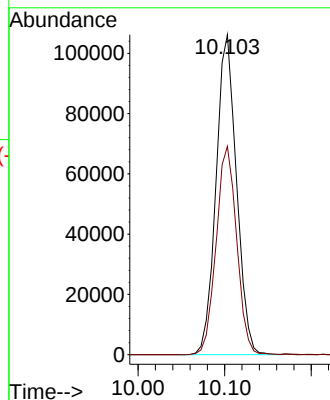
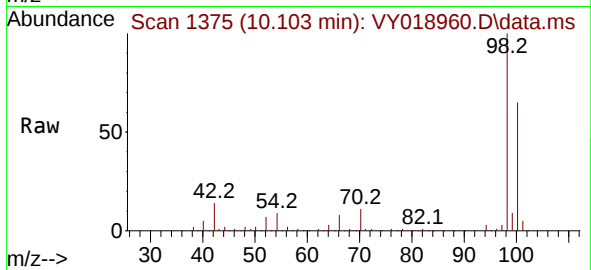
OU4-CF-08-080624RE

Tgt Ion: 98 Resp: 174174

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.212 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY018960.D

Acq: 09 Aug 2024 12:19

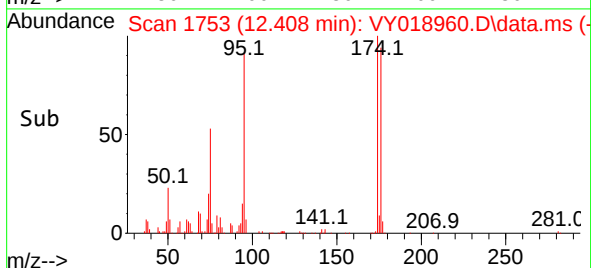
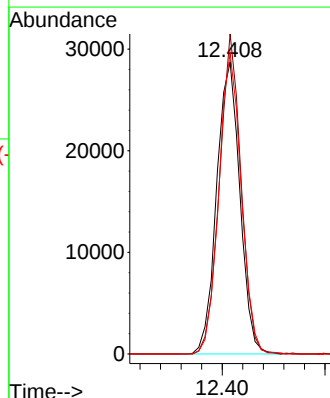
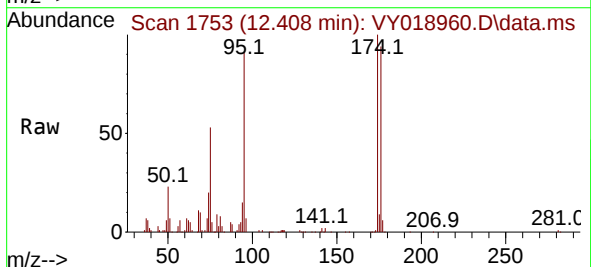
Tgt Ion: 95 Resp: 44946

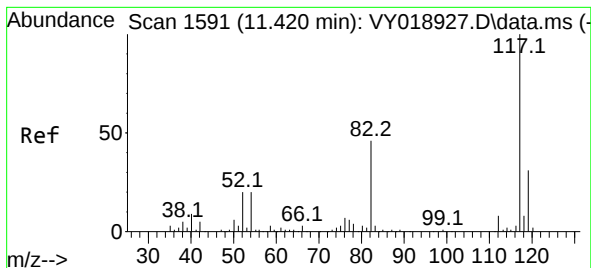
Ion Ratio Lower Upper

95 100

174 102.0 0.0 175.6

176 99.7 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: VY018960.D

Acq: 09 Aug 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-08-080624RE

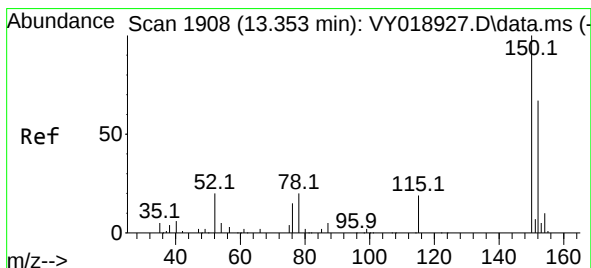
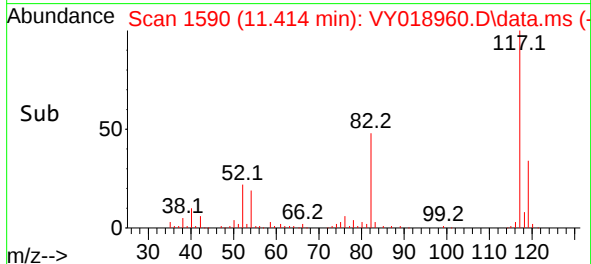
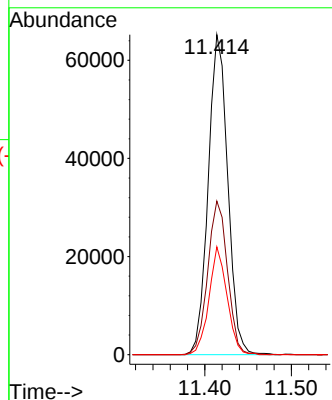
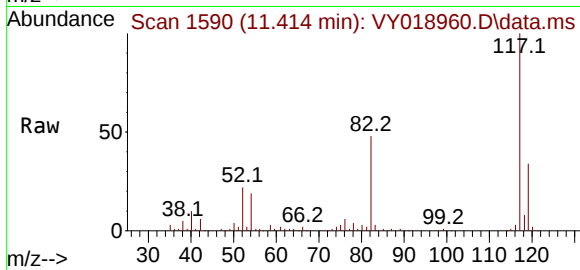
Tgt Ion:117 Resp: 102205

Ion Ratio Lower Upper

117 100

82 48.0 42.4 63.6

119 33.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018960.D

Acq: 09 Aug 2024 12:19

Tgt Ion:152 Resp: 40964

Ion Ratio Lower Upper

152 100

115 52.7 28.2 84.7

150 152.6 0.0 345.6

