

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020138.D
 Acq On : 04 Nov 2024 13:26
 Operator : SY/MD
 Sample : P4679-03
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1-VOC

Quant Time: Nov 05 00:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	6153	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	10167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	6808	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	3555	46.293	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.580%
35) Dibromofluoromethane	7.646	113	3343	51.716	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.115	98	11664	45.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.402	95	1637	19.587	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.180%

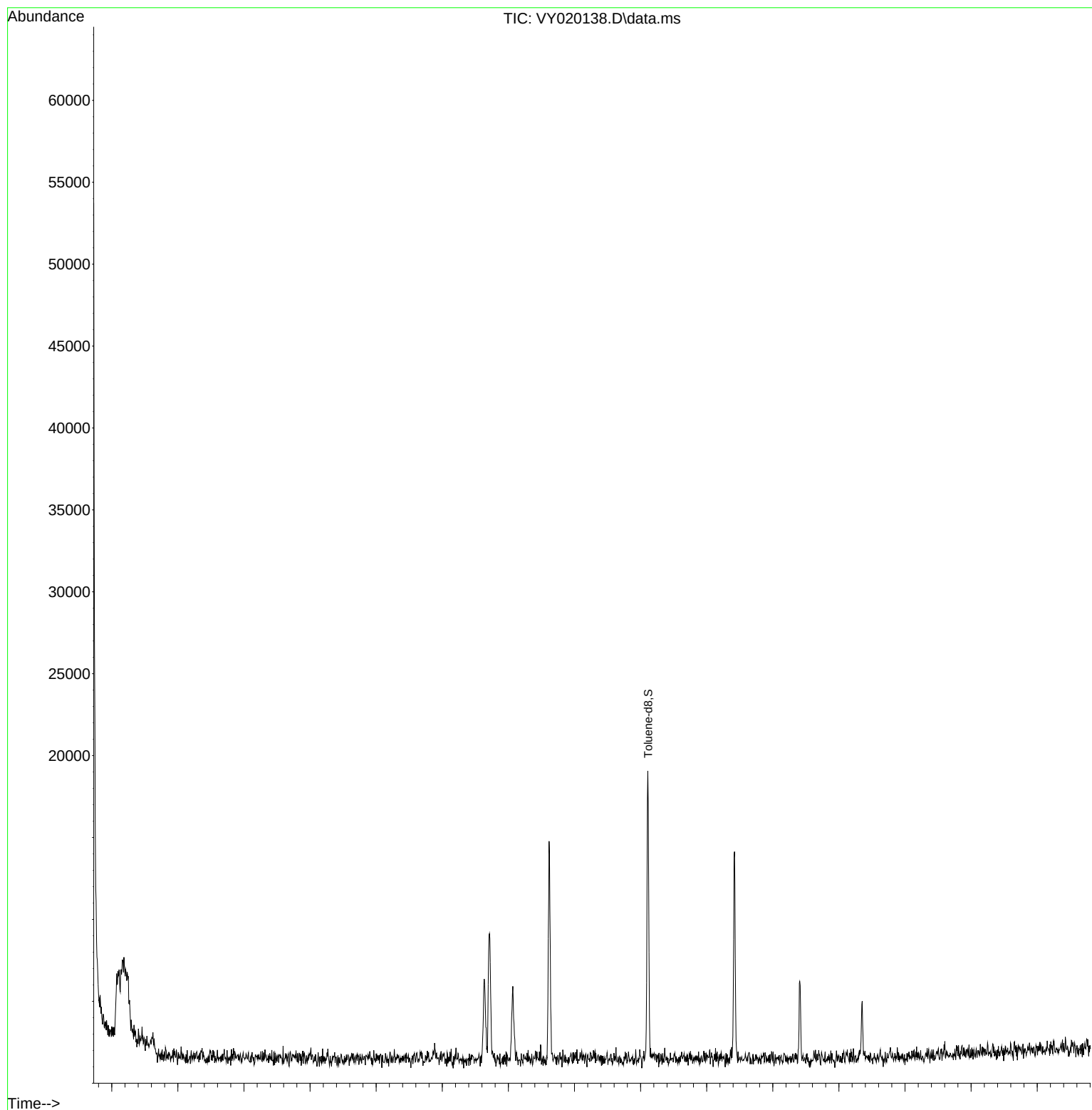
Target Compounds Qvalue

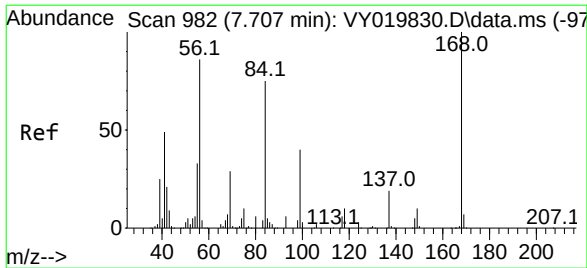
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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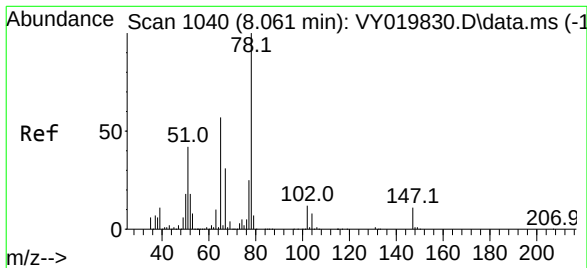
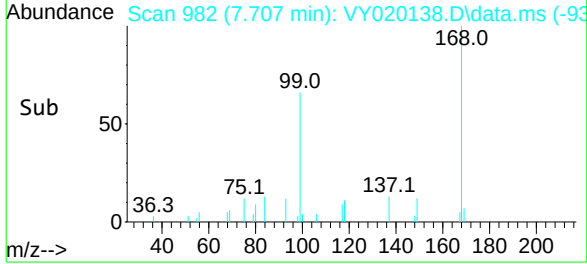
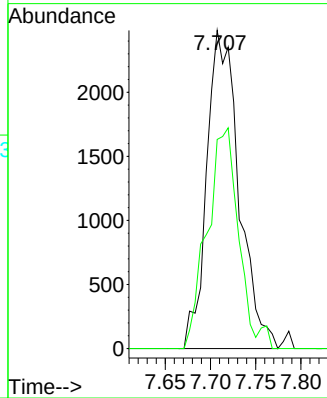
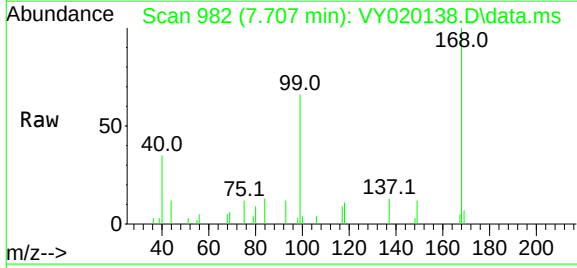




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020138.D
Acq: 04 Nov 2024 13:26

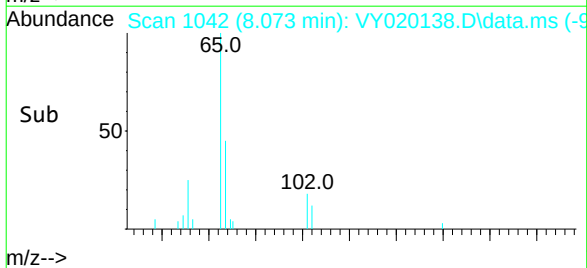
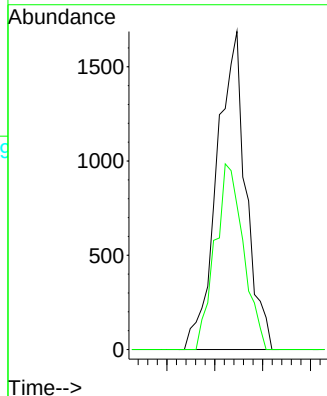
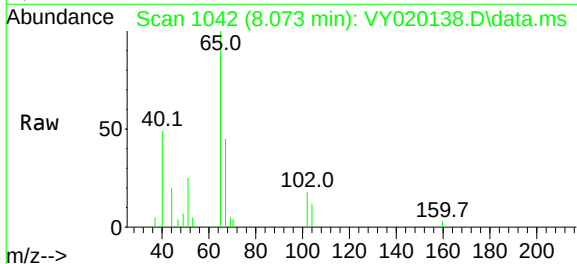
Instrument :
MSVOA_Y
ClientSampleId :
MH-1-VOC

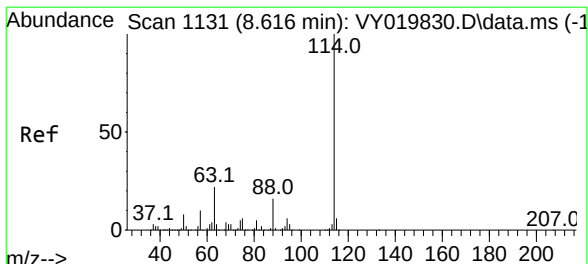
Tgt Ion: 168 Resp: 6153
Ion Ratio Lower Upper
168 100
99 65.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 46.293 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.013 min
Lab File: VY020138.D
Acq: 04 Nov 2024 13:26

Tgt Ion: 65 Resp: 3555
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6

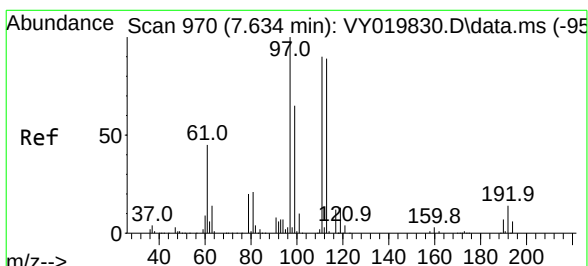
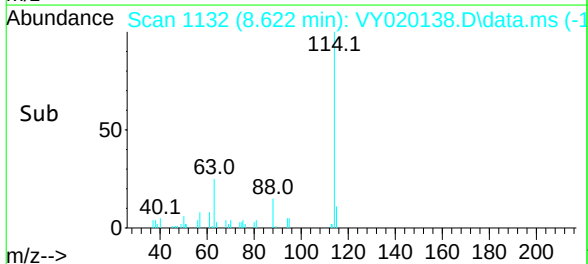
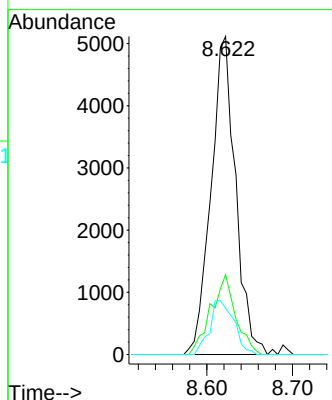
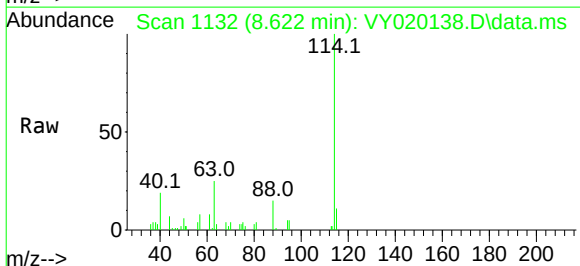




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1131
 Delta R.T. 0.007 min
 Lab File: VY020138.D
 Acq: 04 Nov 2024 13:26

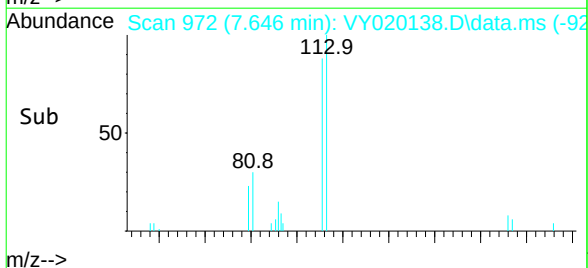
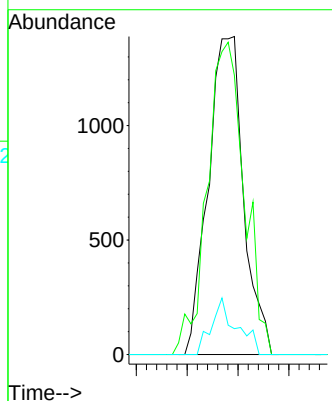
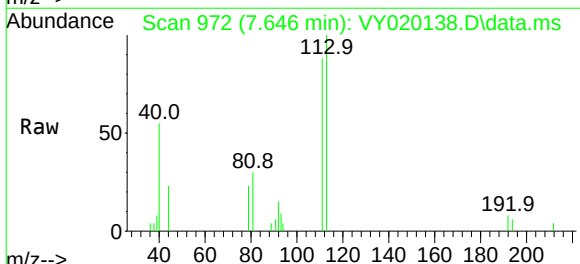
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-1-VOC

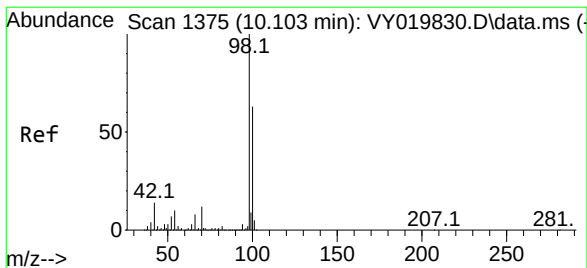
Tgt Ion:	114	Resp:	10167
Ion Ratio	Lower	Upper	
114	100		
63	25.1	0.0	35.0
88	14.6	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 51.716 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.013 min
 Lab File: VY020138.D
 Acq: 04 Nov 2024 13:26

Tgt Ion:	113	Resp:	3343
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.2	123.4
192	12.6	15.9	23.9#





#50

Toluene-d8

Concen: 45.332 ug/l

RT: 10.115 min Scan# 1375

Delta R.T. 0.007 min

Lab File: VY020138.D

Acq: 04 Nov 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

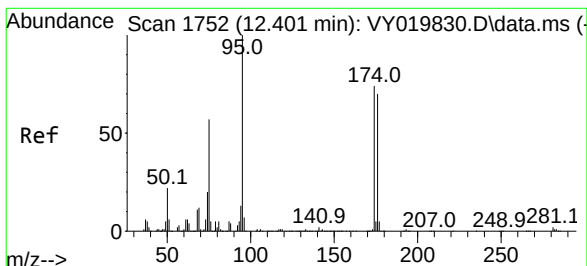
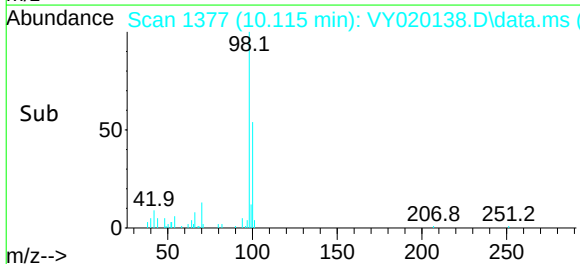
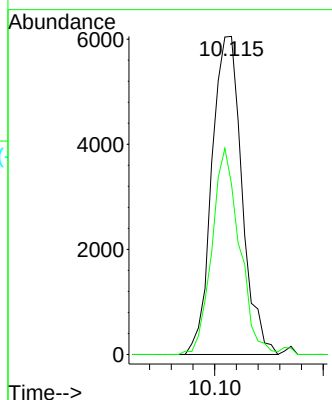
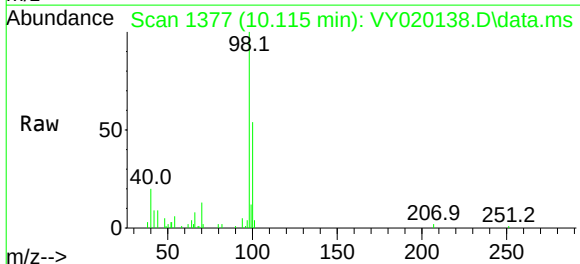
MH-1-VOC

Tgt Ion: 98 Resp: 11664

Ion Ratio Lower Upper

98 100

100 59.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 19.587 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020138.D

Acq: 04 Nov 2024 13:26

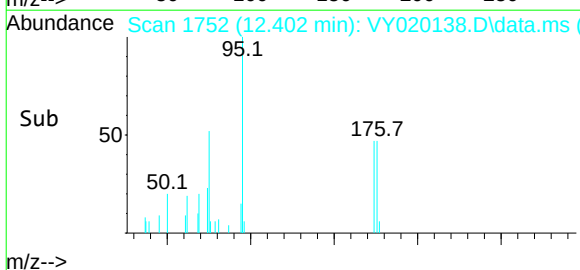
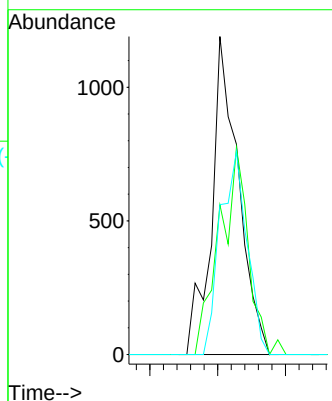
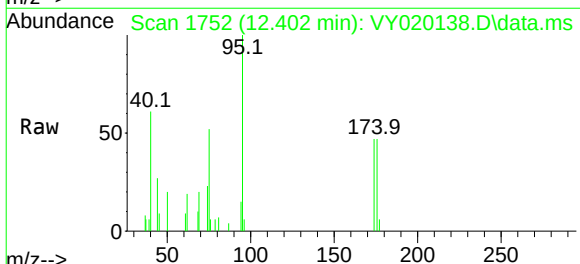
Tgt Ion: 95 Resp: 1637

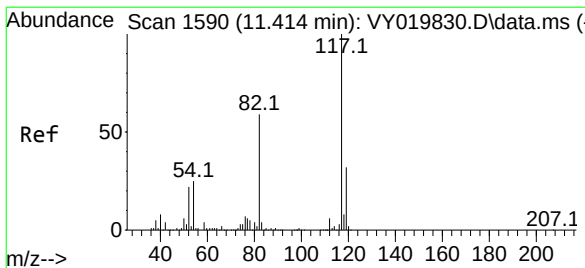
Ion Ratio Lower Upper

95 100

174 70.1 0.0 175.6

176 63.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020138.D

Acq: 04 Nov 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-1-VOC

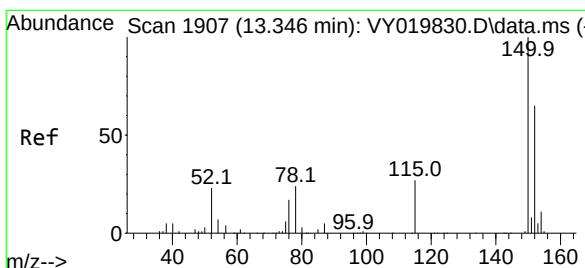
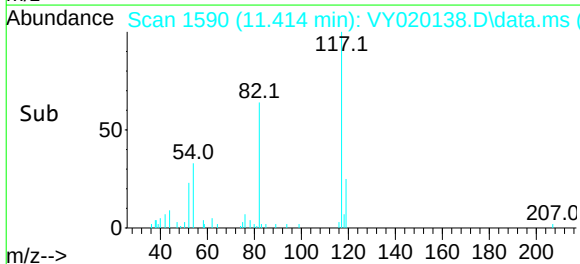
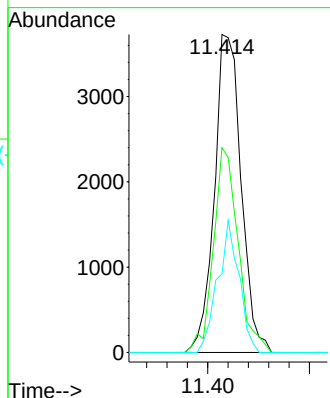
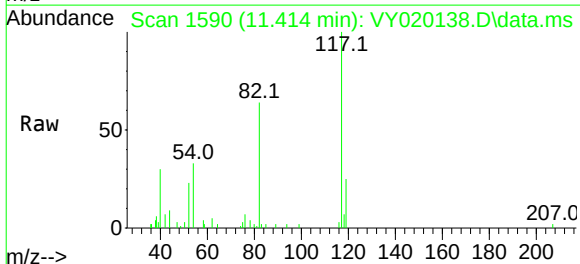
Tgt Ion:117 Resp: 6808

Ion Ratio Lower Upper

117 100

82 64.4 42.4 63.6#

119 24.7 25.9 38.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.007 min

Lab File: VY020138.D

Acq: 04 Nov 2024 13:26

Tgt Ion:152 Resp: 887

Ion Ratio Lower Upper

152 100

115 74.1 28.2 84.7

150 115.6 0.0 345.6

