

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020556.D
 Acq On : 09 Dec 2024 15:40
 Operator : SY/MD
 Sample : P5216-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-744-VOC

Quant Time: Dec 10 04:01:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	2732	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.609	114	4033	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	1876	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1348	48.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.628	113	1253	49.351	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.103	98	4157	42.998	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.000%
62) 4-Bromofluorobenzene	12.401	95	382	11.297	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.600%#

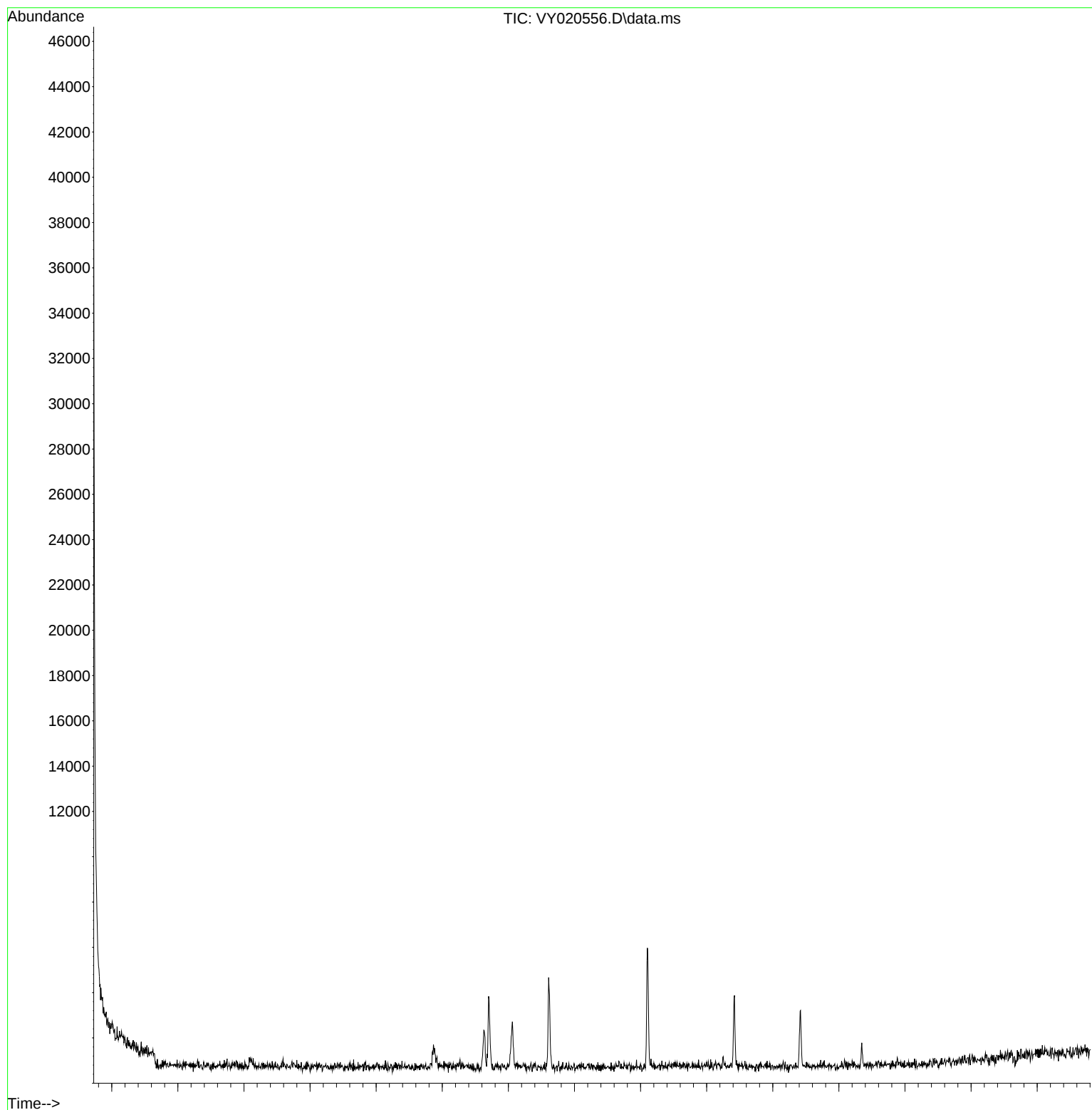
Target Compounds Qvalue

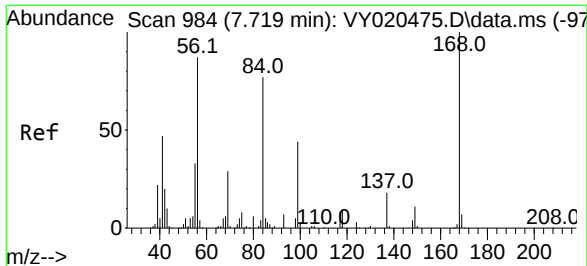
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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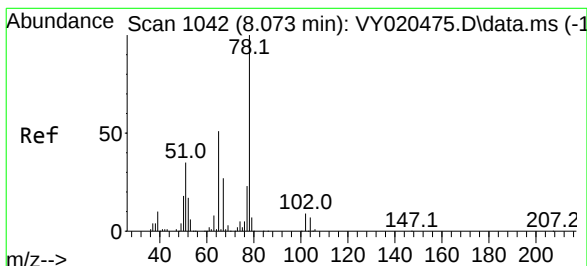
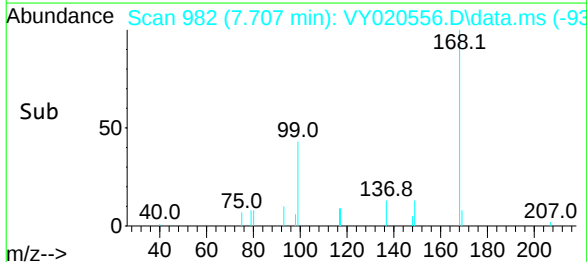
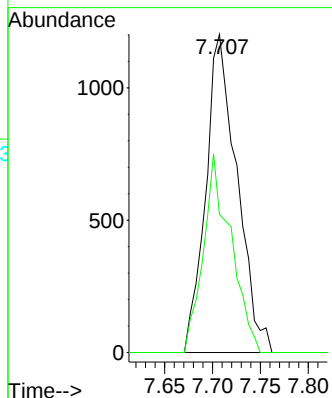
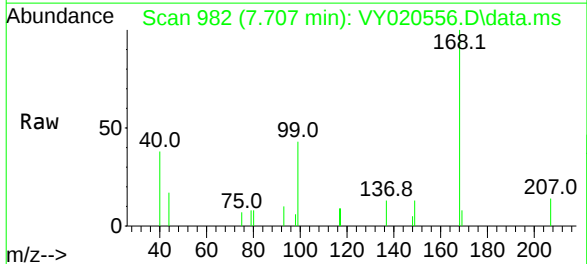




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 984
Delta R.T. -0.012 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

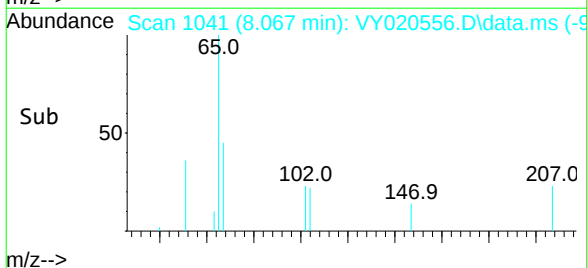
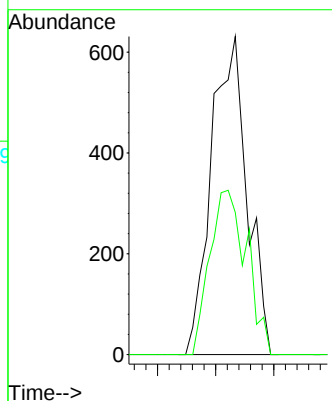
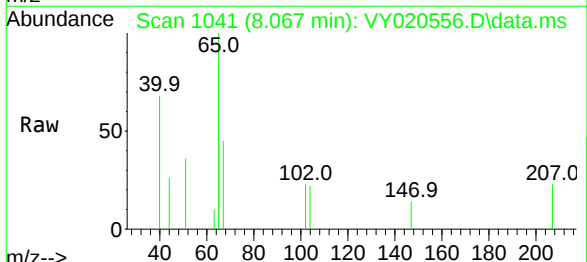
Instrument :
MSVOA_Y
ClientSampleId :
MH-744-VOC

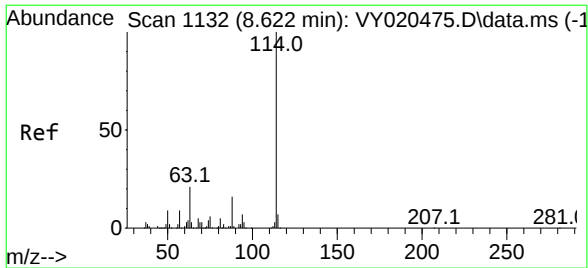
Tgt Ion: 168 Resp: 2732
Ion Ratio Lower Upper
168 100
99 43.4 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 48.516 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

Tgt Ion: 65 Resp: 1348
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8

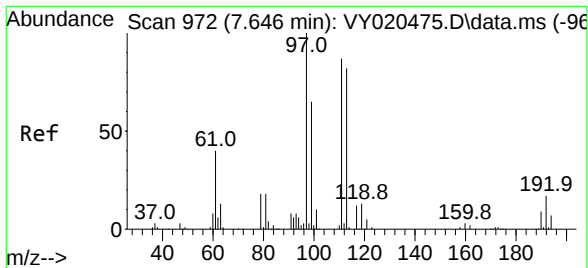
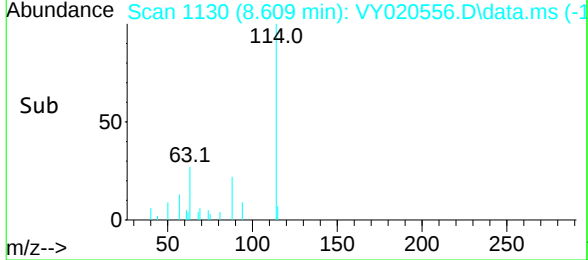
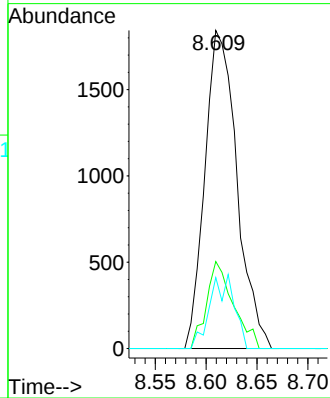
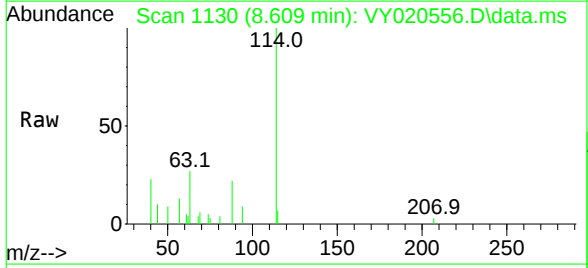




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

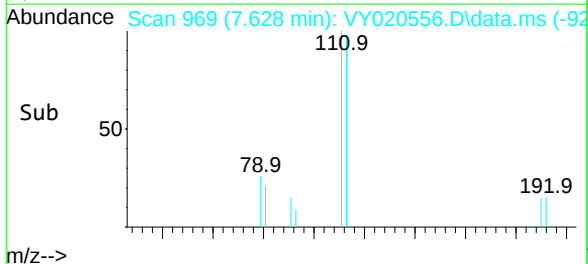
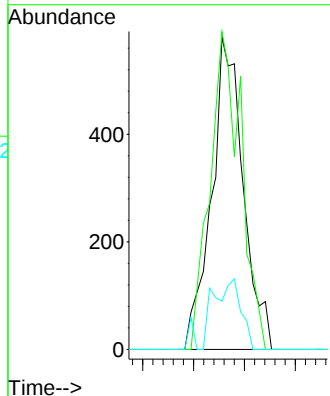
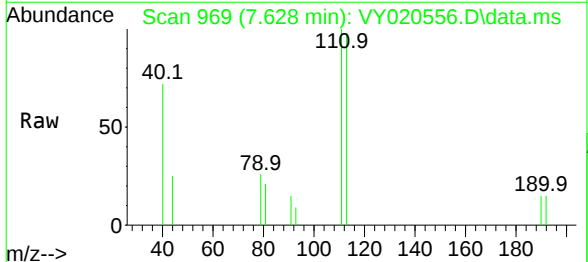
Instrument :
MSVOA_Y
ClientSampleId :
MH-744-VOC

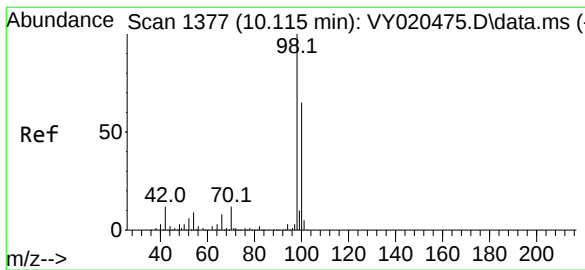
Tgt Ion:	114	Resp:	4033
Ion	Ratio	Lower	Upper
114	100		
63	27.3	0.0	44.8
88	22.3	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.018 min
Lab File: VY020556.D
Acq: 09 Dec 2024 15:40

Tgt Ion:	113	Resp:	1253
Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.4	122.0
192	19.6	15.1	22.7





#50

Toluene-d8

Concen: 42.998 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

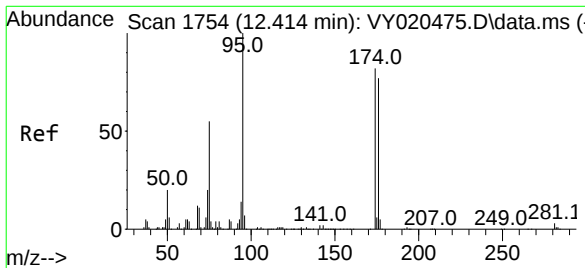
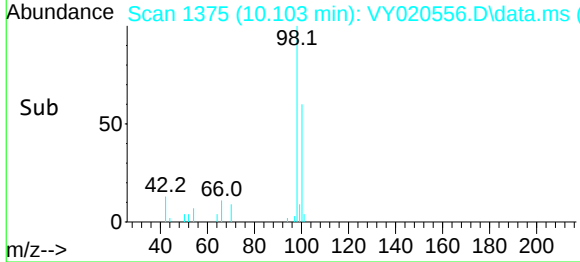
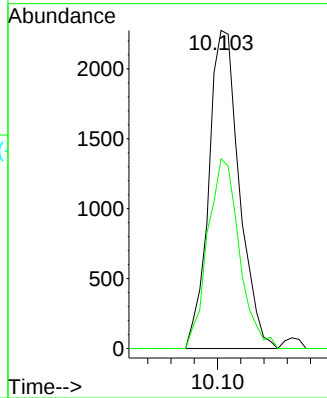
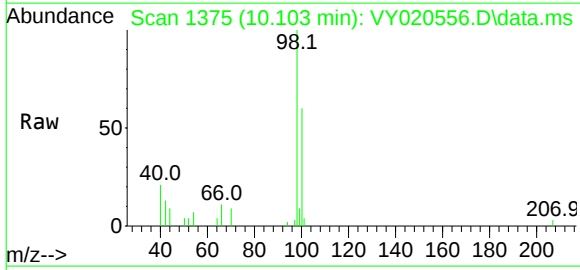
MH-744-VOC

Tgt Ion: 98 Resp: 4157

Ion Ratio Lower Upper

98 100

100 61.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 11.297 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

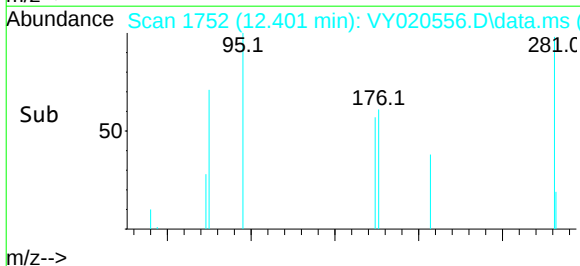
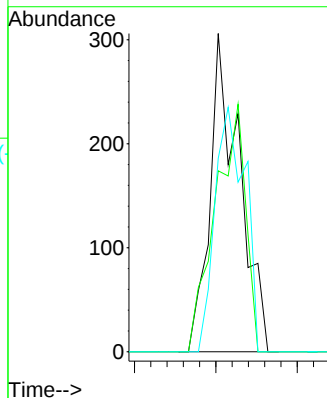
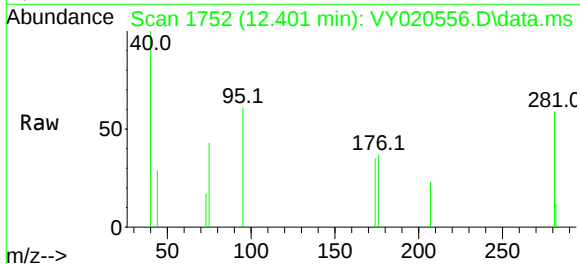
Tgt Ion: 95 Resp: 382

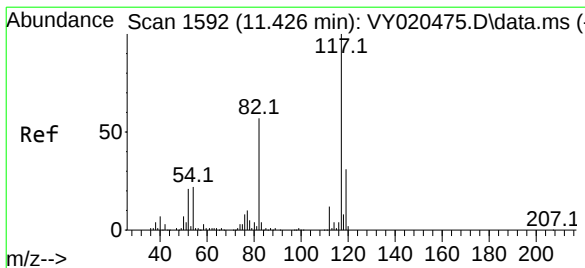
Ion Ratio Lower Upper

95 100

174 80.6 0.0 156.8

176 79.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

MH-744-VOC

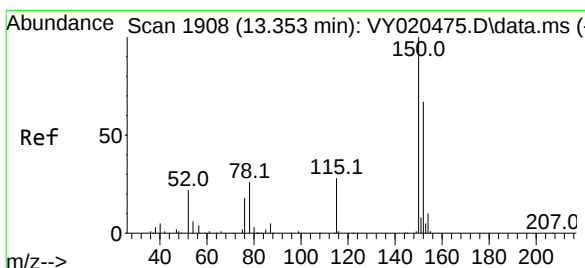
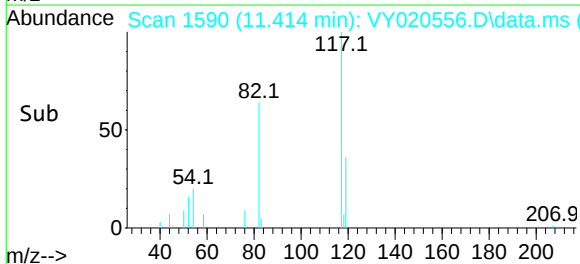
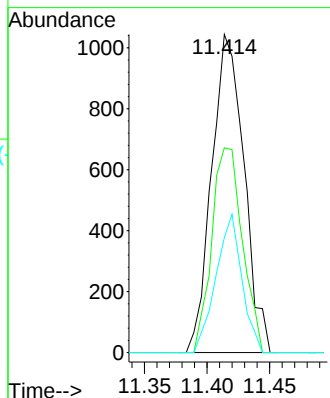
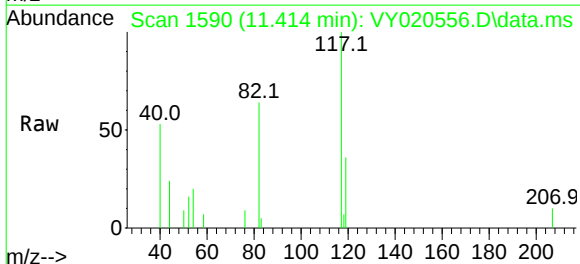
Tgt Ion:117 Resp: 1876

Ion Ratio Lower Upper

117 100

82 64.4 48.2 72.4

119 36.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020556.D

Acq: 09 Dec 2024 15:40

Tgt Ion:152 Resp: 293

Ion Ratio Lower Upper

152 100

115 73.0 30.0 90.0

150 152.9 0.0 348.2

