

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020637.D
 Acq On : 18 Dec 2024 15:41
 Operator : SY/MD
 Sample : P5277-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2A

Quant Time: Dec 19 02:49:45 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	7.720	168	1353	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.610	114	2390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1242	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	261	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1278	86.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.500%#	
35) Dibromofluoromethane	7.628	113	897	53.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.500%	
50) Toluene-d8	10.103	98	2424	41.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.220%	
62) 4-Bromofluorobenzene	12.402	95	267	11.577	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 23.160%#	

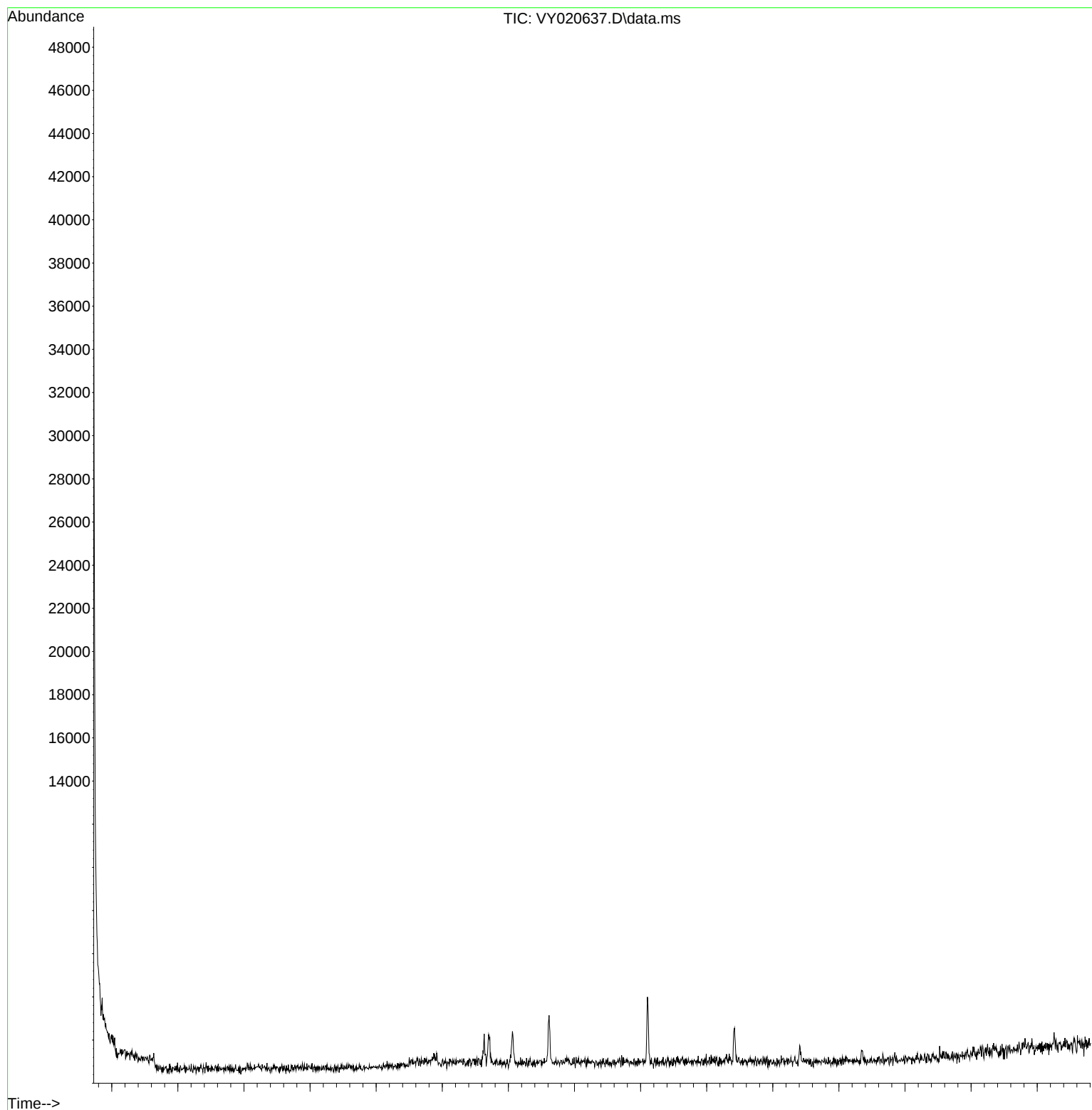
Target Compounds Qvalue

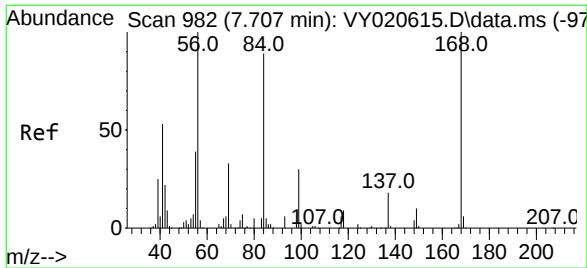
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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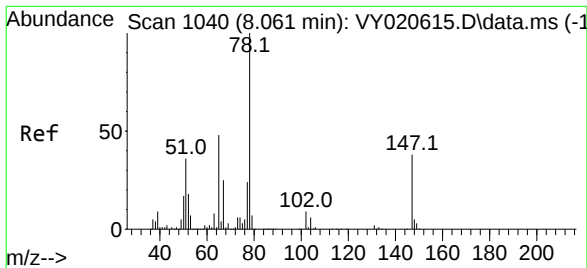
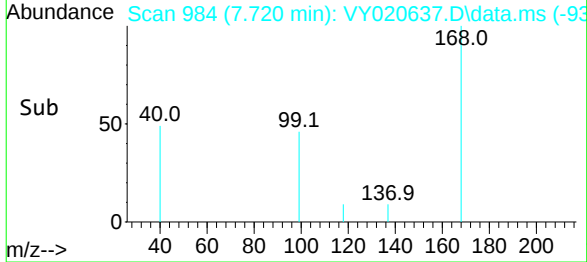
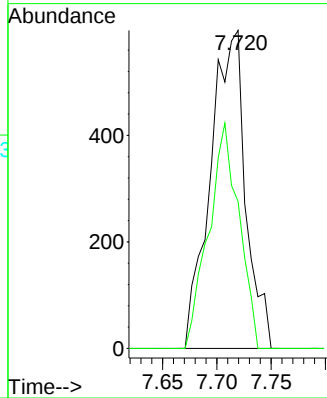
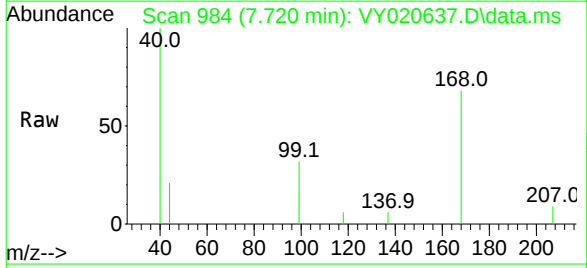




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

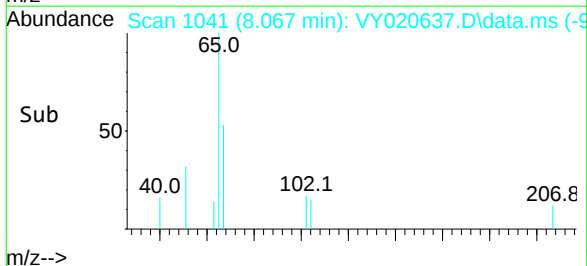
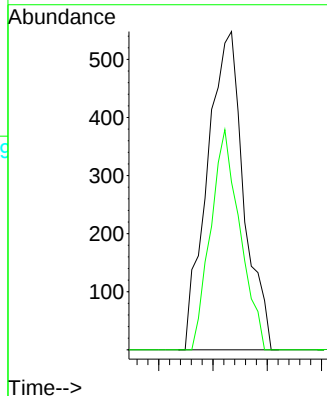
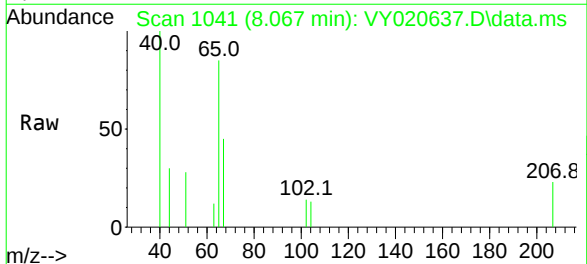
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

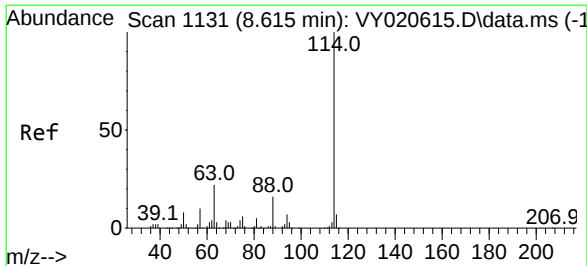
Tgt Ion:168 Resp: 1353
Ion Ratio Lower Upper
168 100
99 46.2 47.0 70.6#



#33
1,2-Dichloroethane-d4
Concen: 86.245 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

Tgt Ion: 65 Resp: 1278
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.0

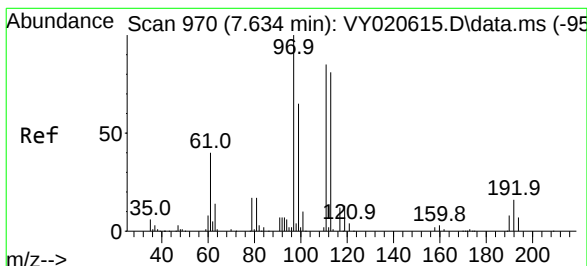
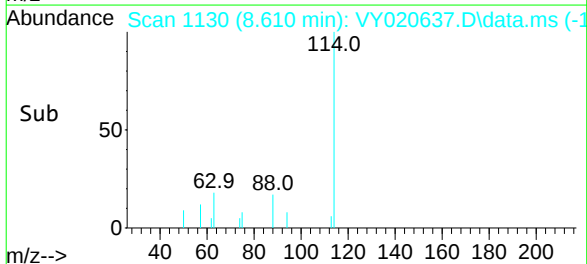
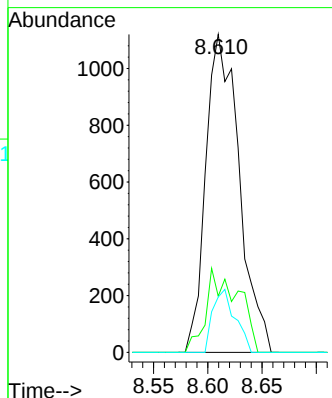
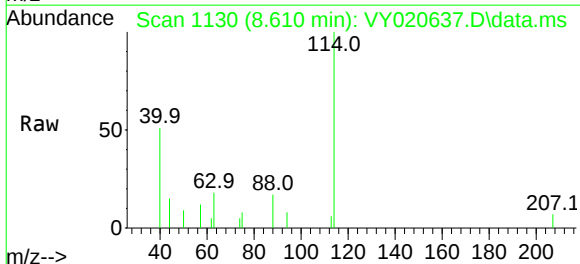




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

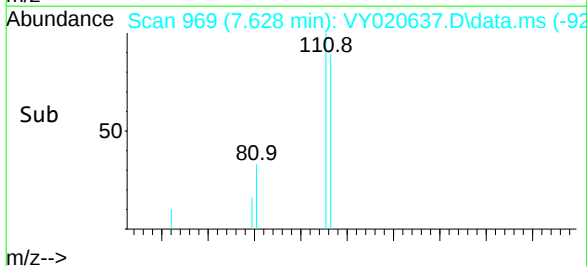
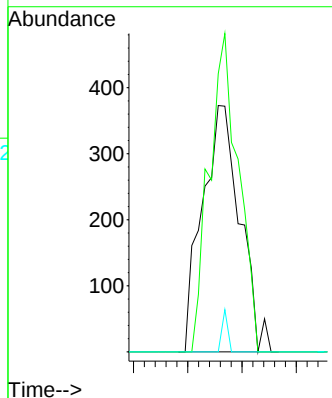
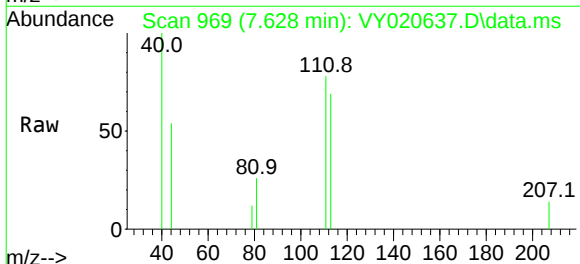
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2A

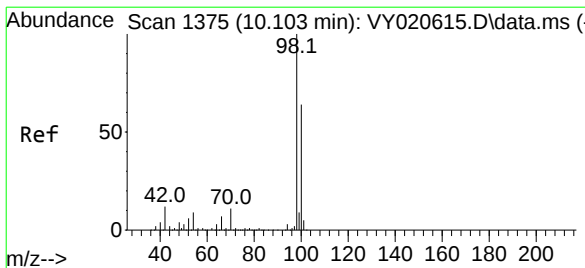
Tgt Ion:	114	Resp:	2390
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	44.0
88	17.4	0.0	32.8



#35
Dibromofluoromethane
Concen: 53.253 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

Tgt Ion:	113	Resp:	897
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.9	124.3
192	2.6	15.7	23.5#





#50

Toluene-d8

Concen: 41.115 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

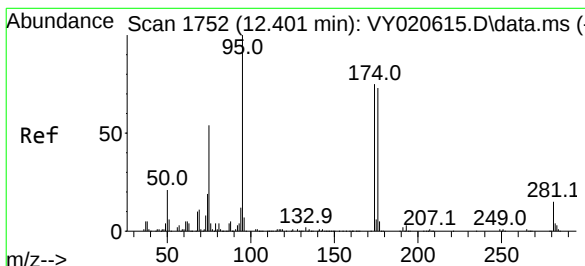
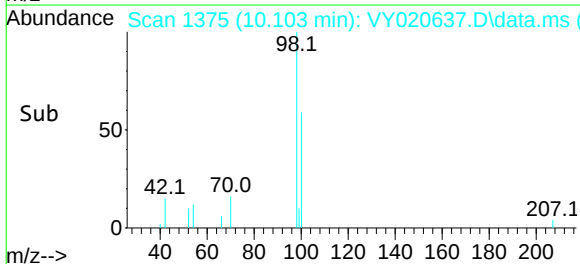
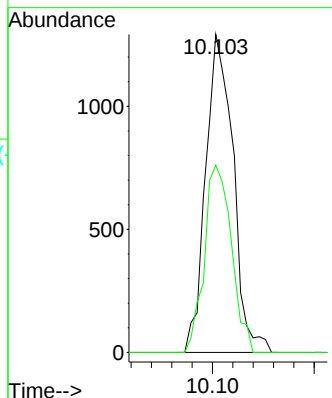
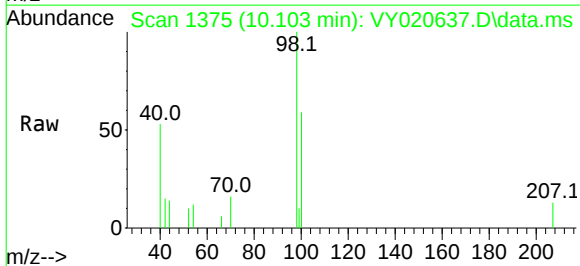
COMP-2A

Tgt Ion: 98 Resp: 2424

Ion Ratio Lower Upper

98 100

100 58.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 11.577 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

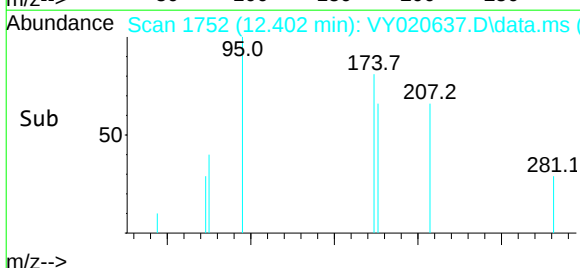
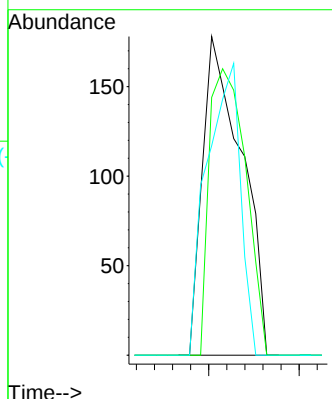
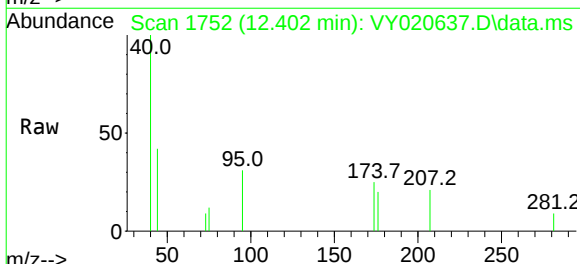
Tgt Ion: 95 Resp: 267

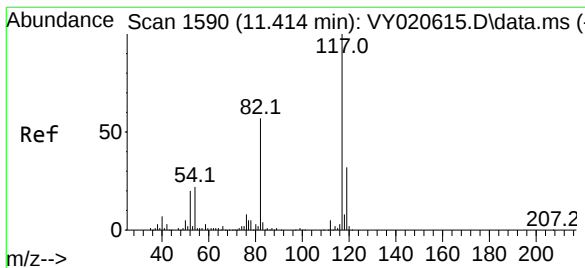
Ion Ratio Lower Upper

95 100

174 84.3 0.0 161.8

176 78.7 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2A

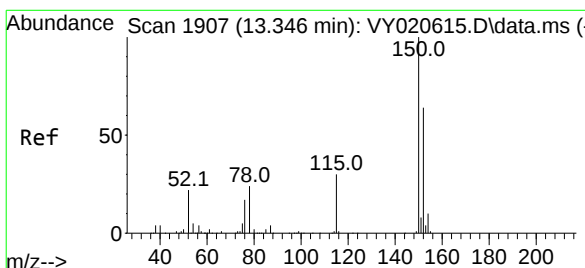
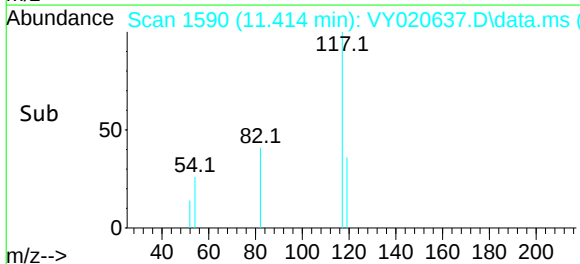
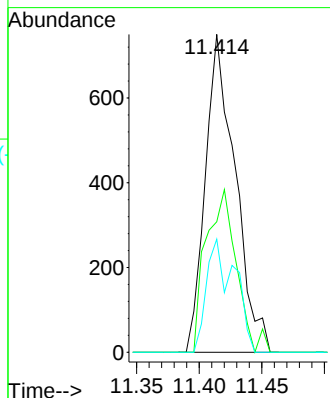
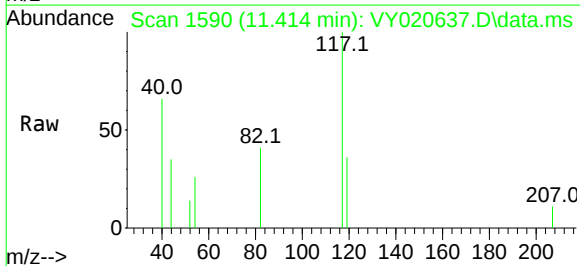
Tgt Ion:117 Resp: 1242

Ion Ratio Lower Upper

117 100

82 41.1 45.8 68.6#

119 35.6 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

Tgt Ion:152 Resp: 261

Ion Ratio Lower Upper

152 100

115 11.9 30.2 90.6#

150 169.3 0.0 355.4

