

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020575.D
 Acq On : 10 Dec 2024 17:43
 Operator : SY/MD
 Sample : P5194-03
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-1

Quant Time: Dec 11 00:52:44 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	97195	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	167005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	147227	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	59459	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.060	65	62596	63.325	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.640%
35) Dibromofluoromethane	7.634	113	55516	52.803	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.600%
50) Toluene-d8	10.103	98	203365	50.797	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.401	95	64510	46.072	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.140%

Target Compounds

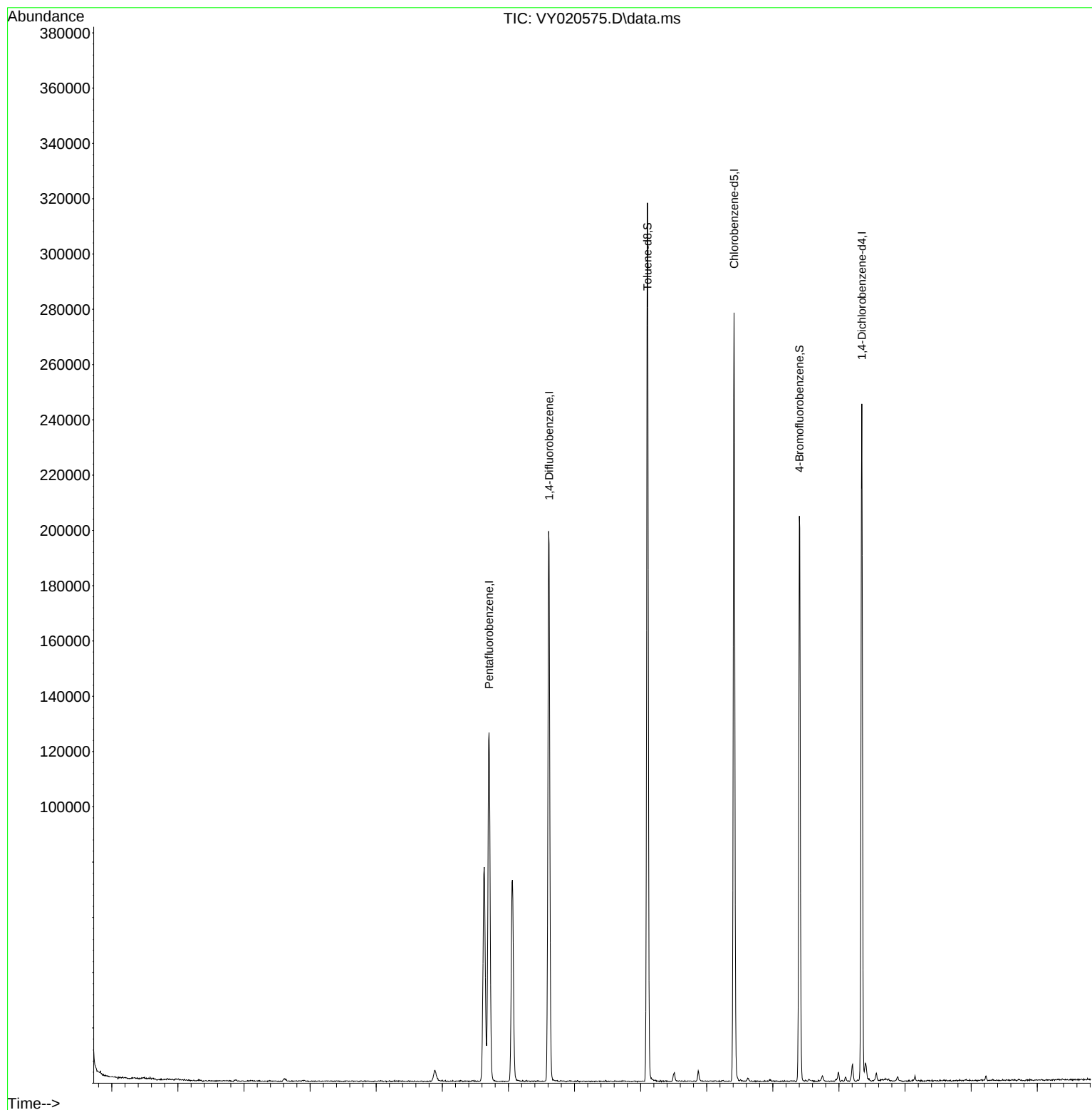
Qvalue

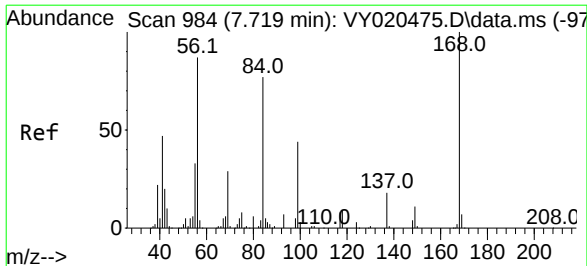
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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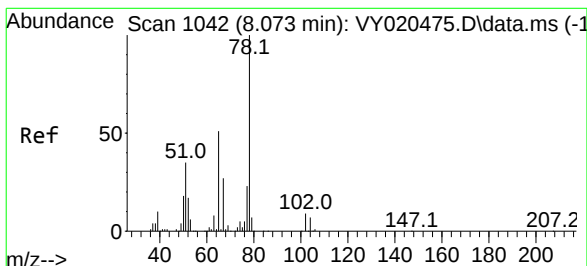
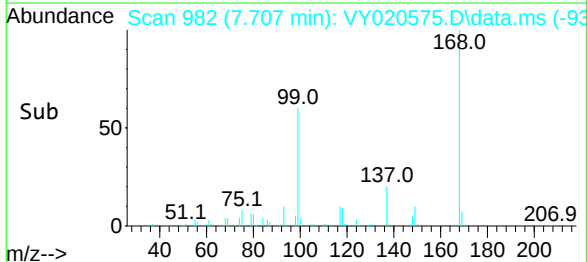
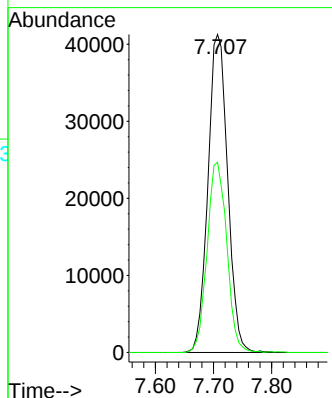
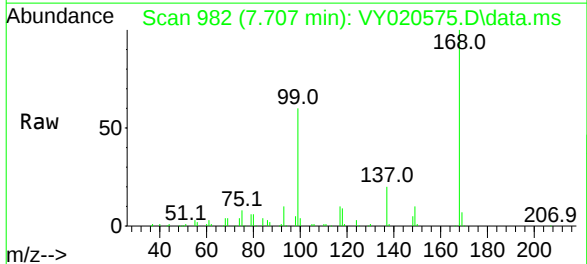




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

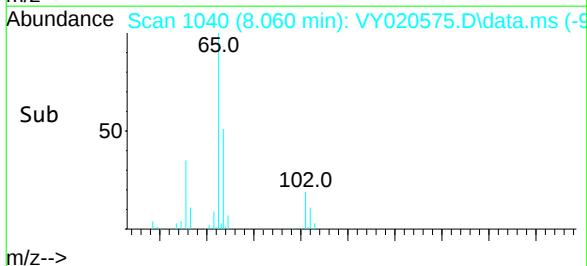
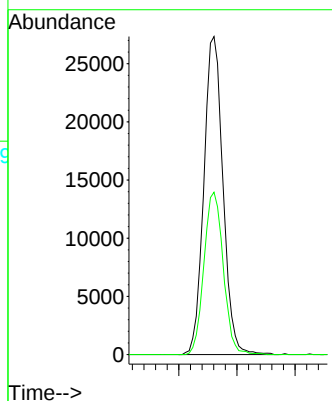
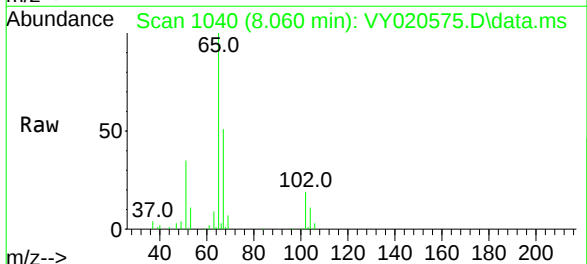
Instrument :
MSVOA_Y
ClientSampleId :
WP-1

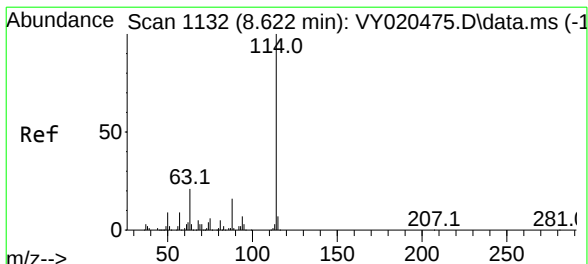
Tgt Ion:168 Resp: 97195
Ion Ratio Lower Upper
168 100
99 59.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 63.325 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.013 min
Lab File: VY020575.D
Acq: 10 Dec 2024 17:43

Tgt Ion: 65 Resp: 62596
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

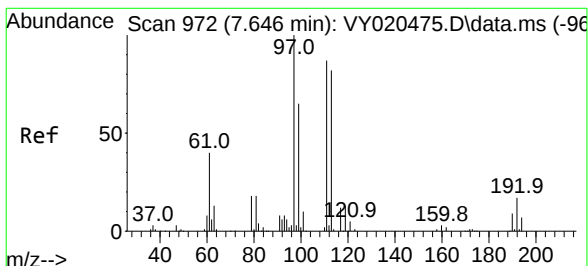
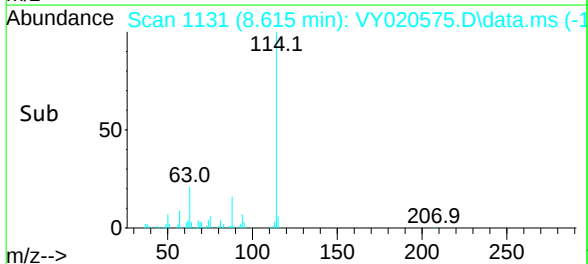
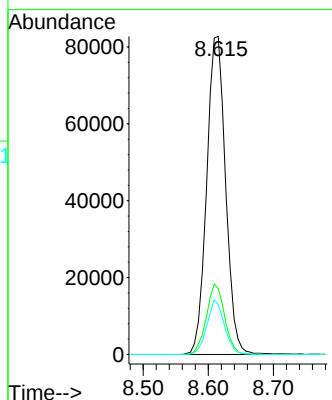
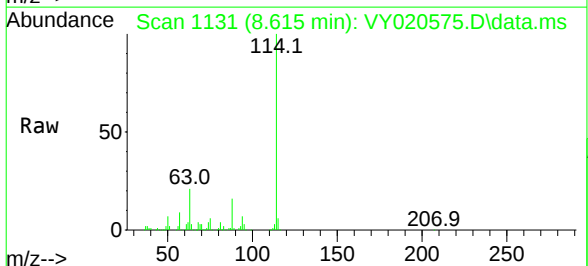




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020575.D
 Acq: 10 Dec 2024 17:43

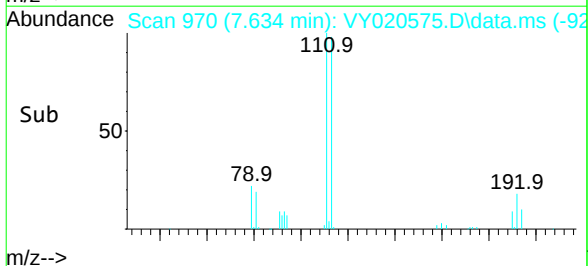
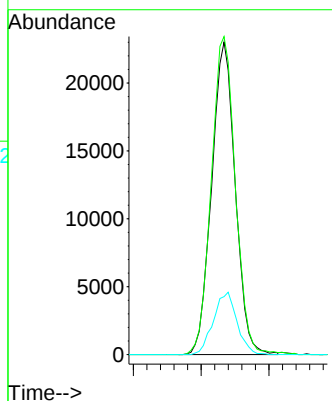
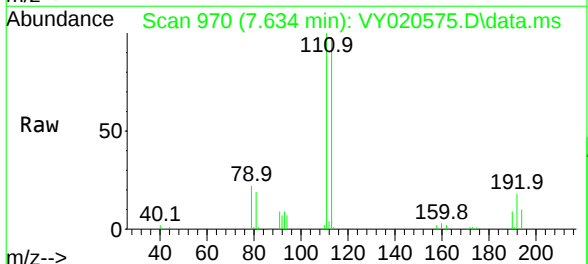
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP-1

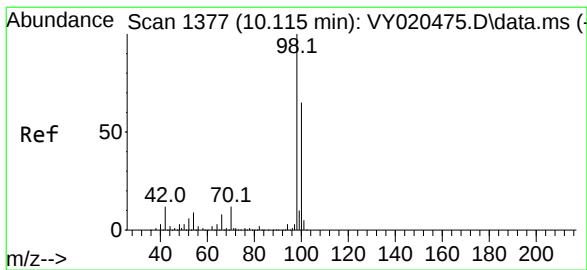
Tgt Ion:	114	Resp:	167005
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.8
88	15.7	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 52.803 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.013 min
 Lab File: VY020575.D
 Acq: 10 Dec 2024 17:43

Tgt Ion:	113	Resp:	55516
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	20.0	15.1	22.7





#50

Toluene-d8

Concen: 50.797 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.013 min

Lab File: VY020575.D

Acq: 10 Dec 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

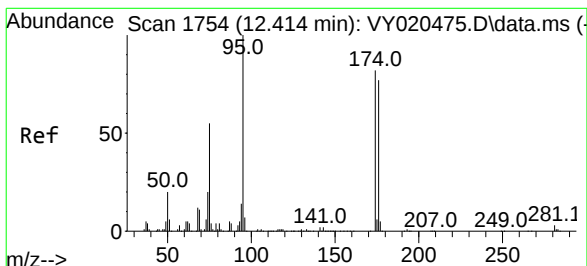
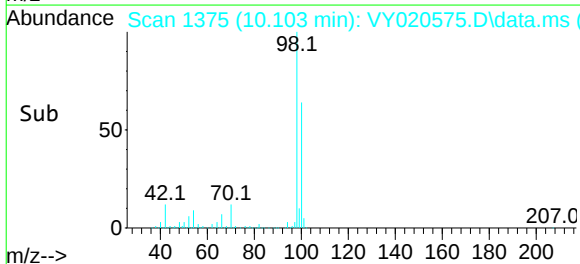
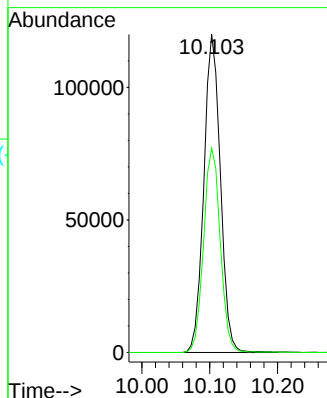
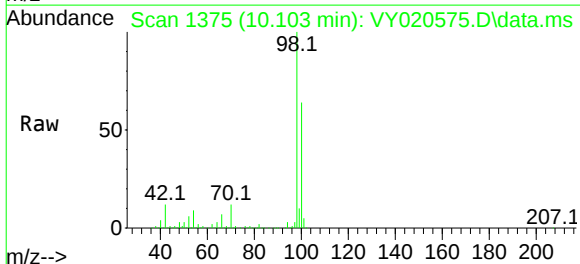
WP-1

Tgt Ion: 98 Resp: 203365

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 46.072 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.013 min

Lab File: VY020575.D

Acq: 10 Dec 2024 17:43

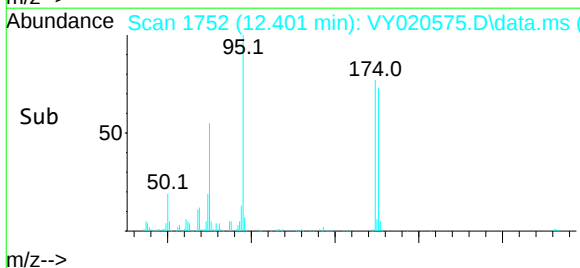
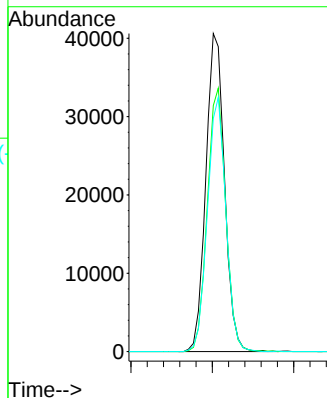
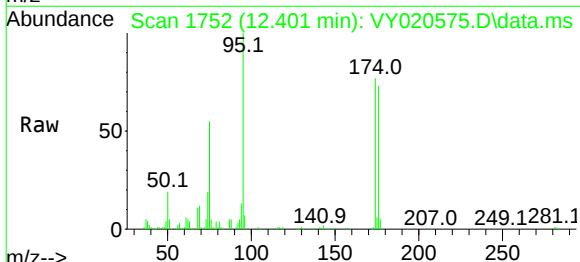
Tgt Ion: 95 Resp: 64510

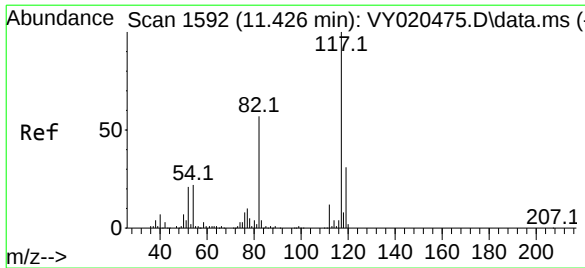
Ion Ratio Lower Upper

95 100

174 81.7 0.0 156.8

176 79.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.013 min

Lab File: VY020575.D

Acq: 10 Dec 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

WP-1

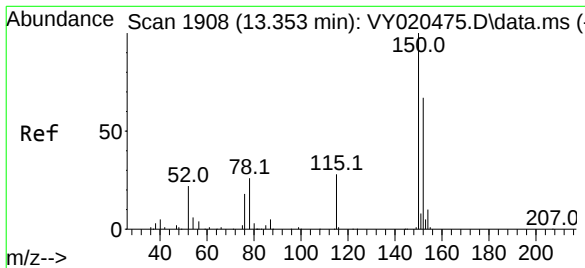
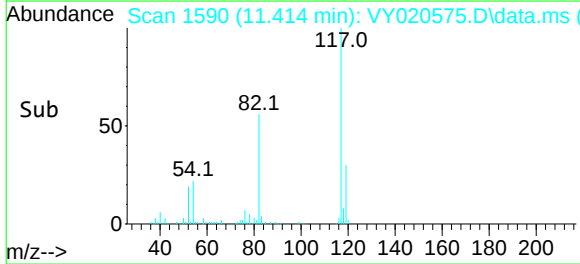
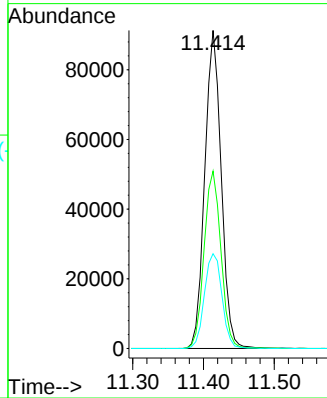
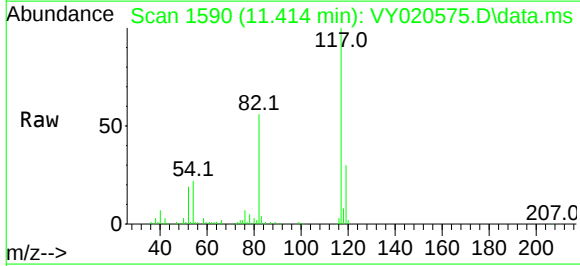
Tgt Ion:117 Resp: 147227

Ion Ratio Lower Upper

117 100

82 55.8 48.2 72.4

119 29.8 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: VY020575.D

Acq: 10 Dec 2024 17:43

Tgt Ion:152 Resp: 59459

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 159.0 0.0 348.2

