

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020506.D
 Acq On : 04 Dec 2024 10:50
 Operator : SY/MD
 Sample : VY1204SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBL01

Quant Time: Dec 05 03:21:05 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	7.719	168	219317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	424574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	395337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	149990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	124656	55.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.646	113	131760	49.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.115	98	514711	50.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.414	95	170524	47.904	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.800%

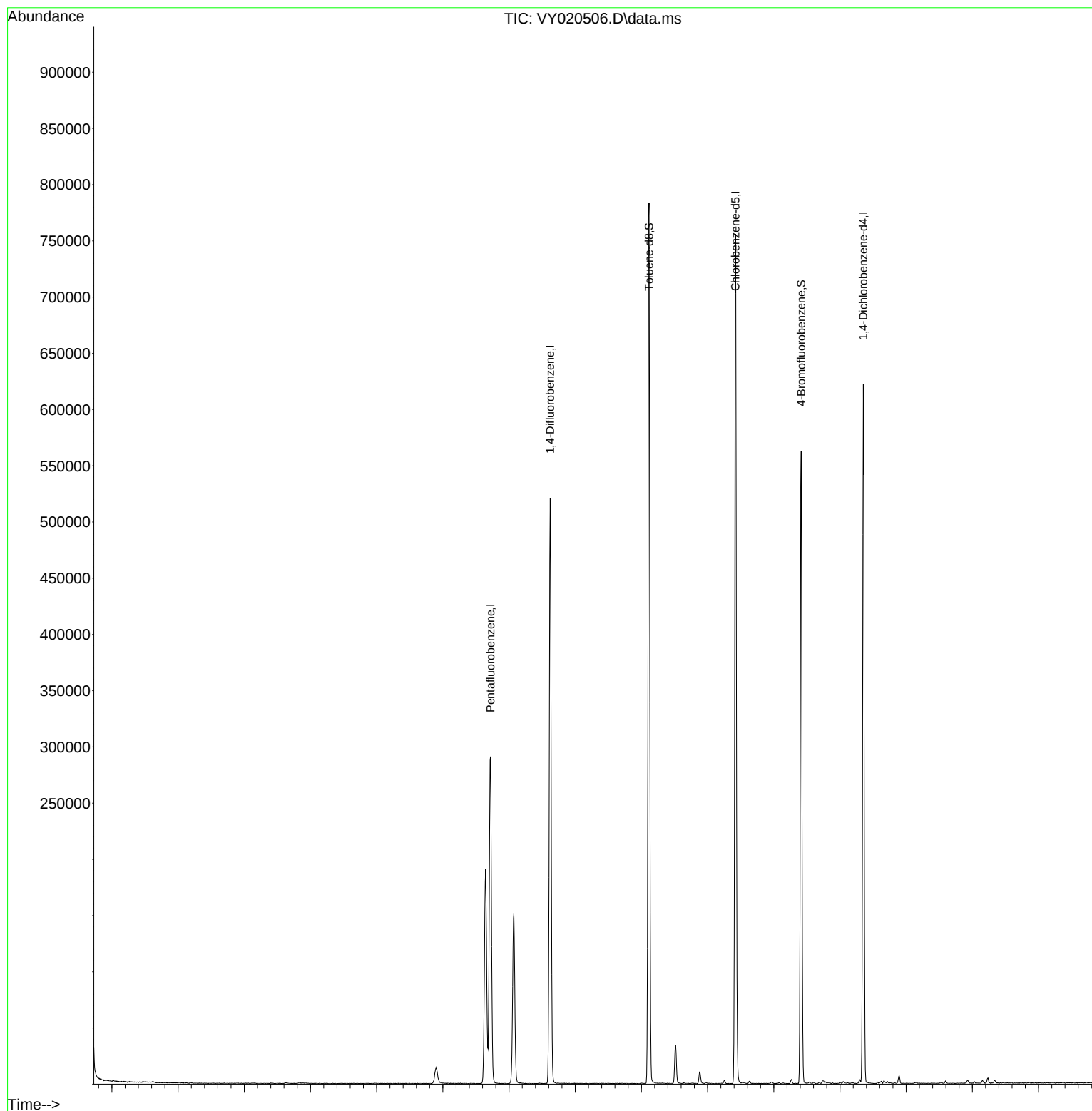
Target Compounds	Qvalue

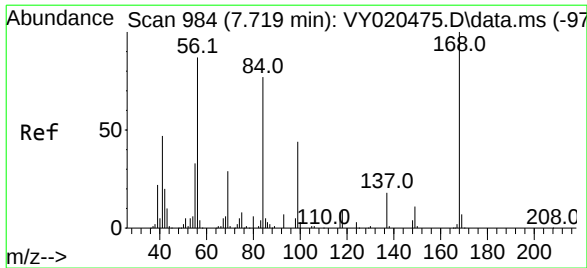
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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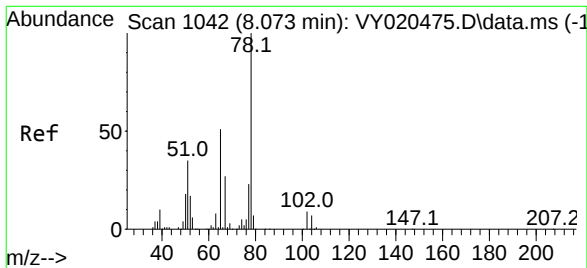
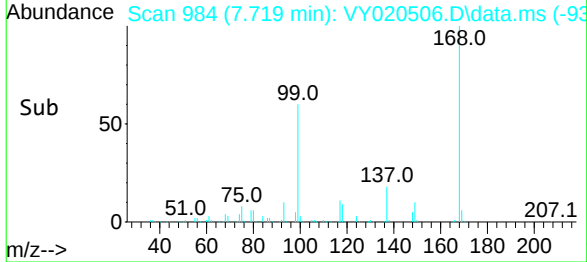
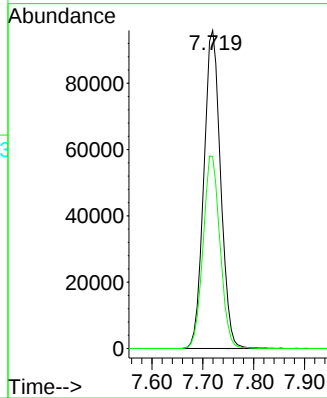
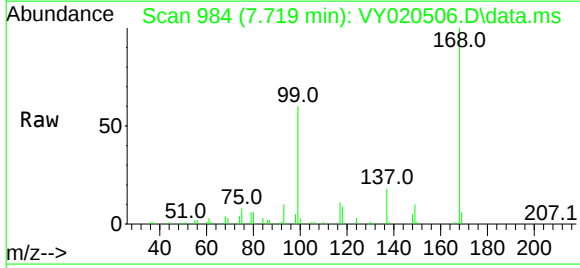




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

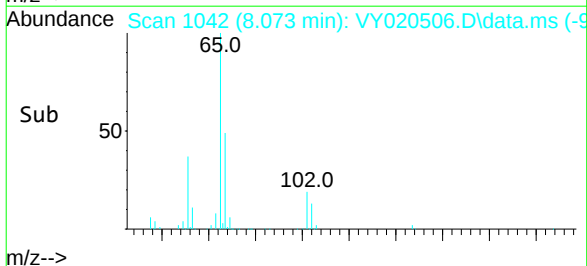
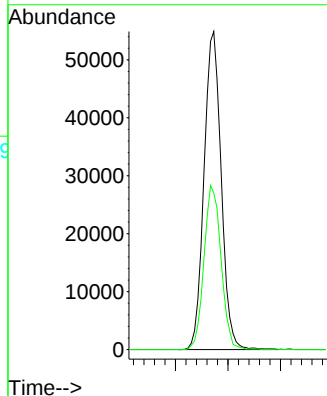
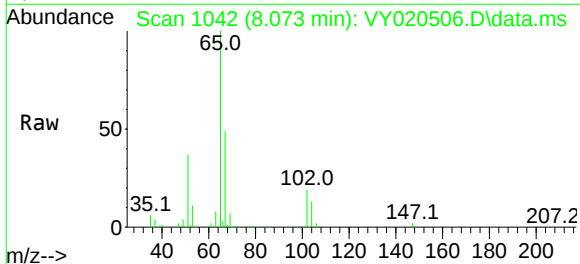
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBL01

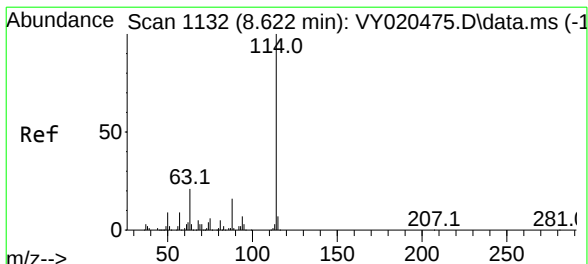
Tgt Ion:168 Resp: 219317
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 55.887 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

Tgt Ion: 65 Resp: 124656
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8

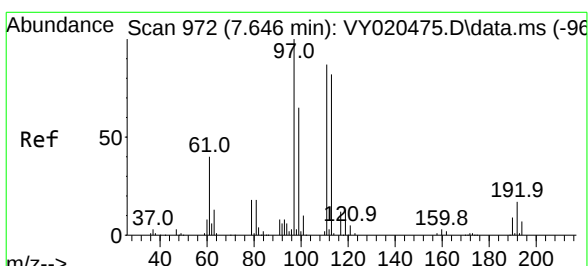
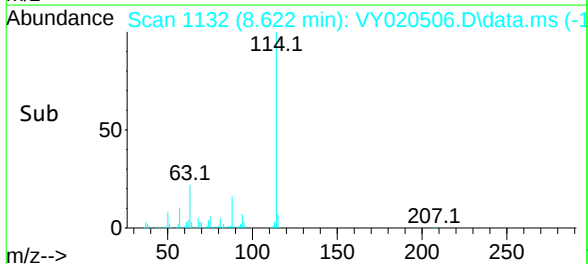
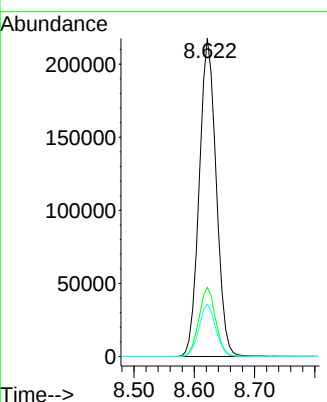
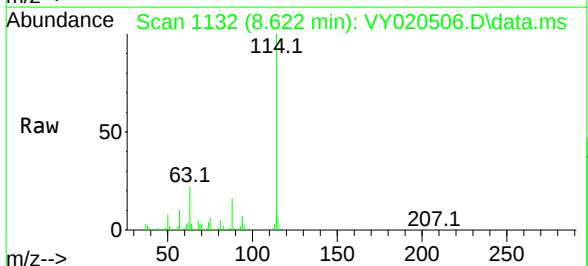




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY020506.D
 Acq: 04 Dec 2024 10:50

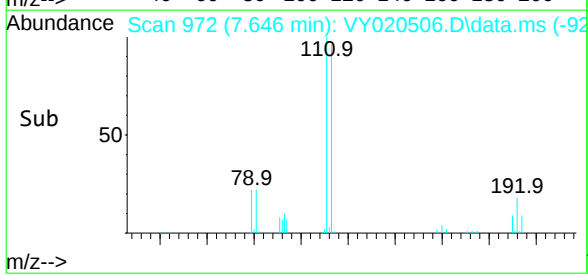
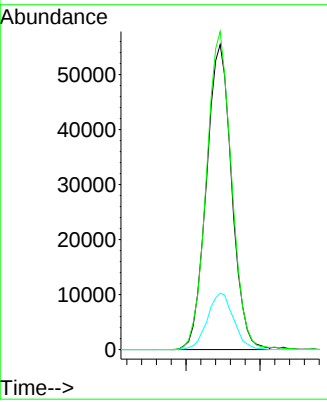
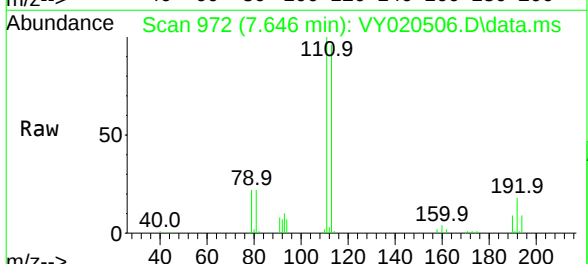
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBL01

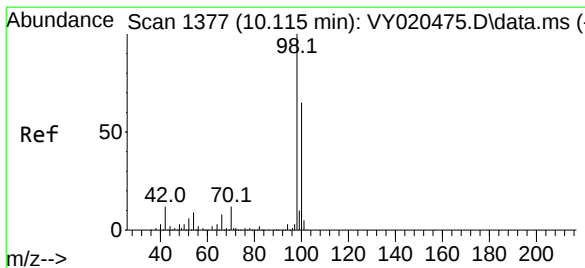
Tgt Ion:	114	Resp:	424574
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.8
88	16.4	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.295 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. -0.000 min
 Lab File: VY020506.D
 Acq: 04 Dec 2024 10:50

Tgt Ion:	113	Resp:	131760
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 50.571 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

Instrument :

MSVOA_Y

ClientSampleId :

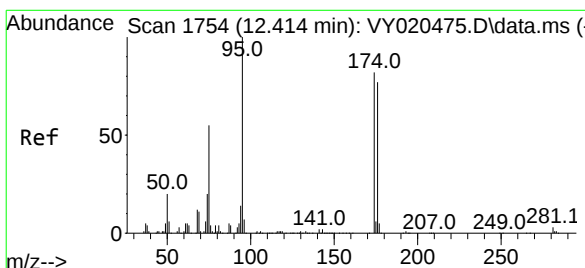
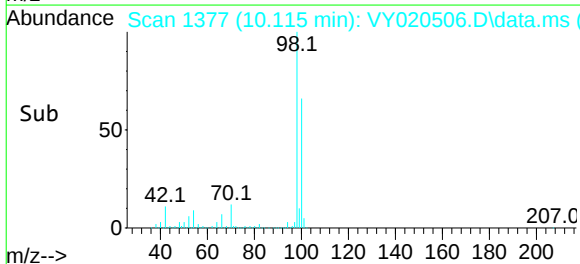
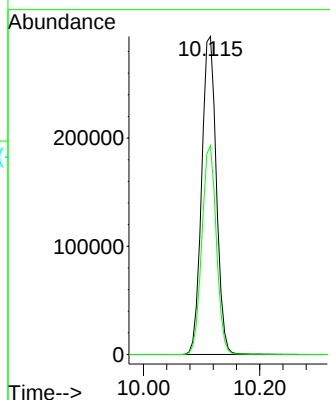
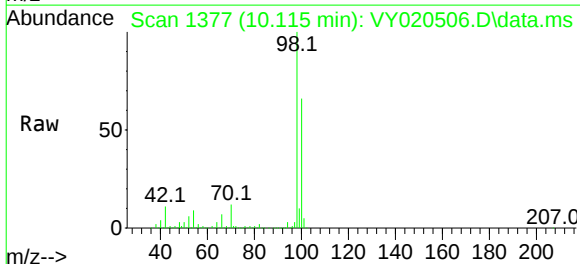
VY1204SBL01

Tgt Ion: 98 Resp: 514711

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 47.904 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

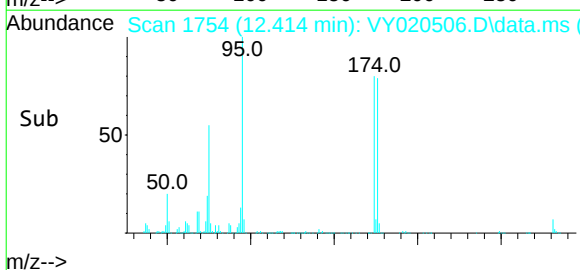
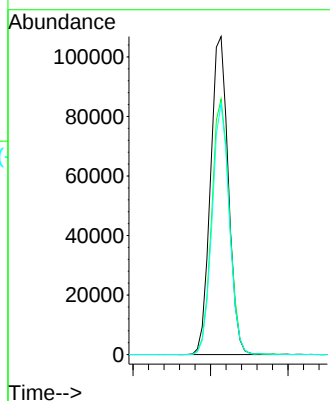
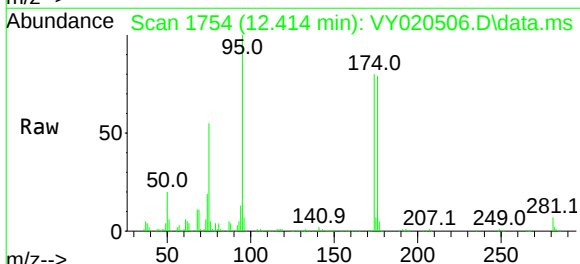
Tgt Ion: 95 Resp: 170524

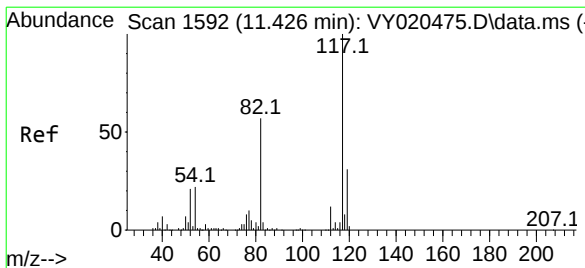
Ion Ratio Lower Upper

95 100

174 80.1 0.0 156.8

176 76.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBL01

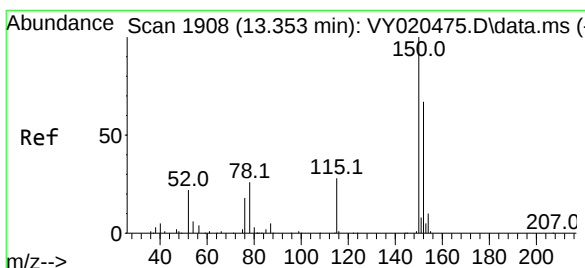
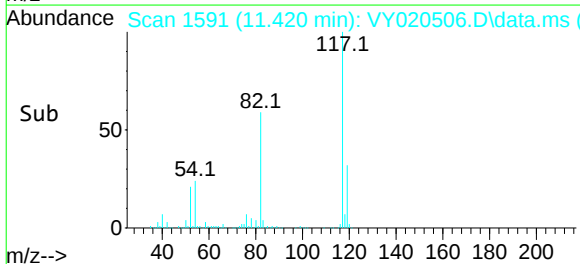
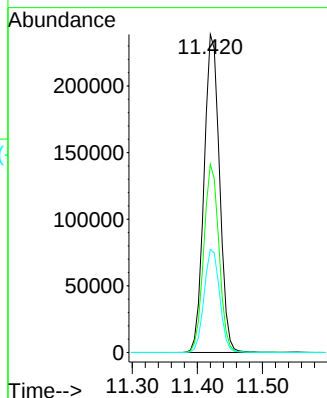
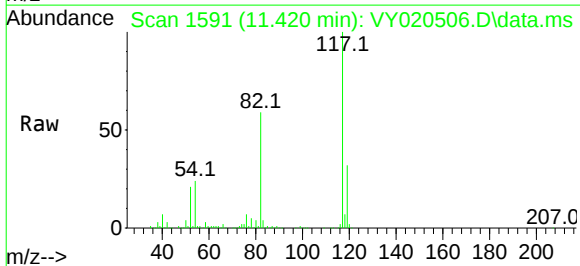
Tgt Ion:117 Resp: 395337

Ion Ratio Lower Upper

117 100

82 59.2 48.2 72.4

119 32.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

Tgt Ion:152 Resp: 149990

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 155.8 0.0 348.2

