

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020510.D
 Acq On : 04 Dec 2024 12:32
 Operator : SY/MD
 Sample : P5072-07
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-738-VOC

Quant Time: Dec 05 03:24:31 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	7.713	168	225975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	447607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	427526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	164926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143988	62.652	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.300%
35) Dibromofluoromethane	7.640	113	143442	50.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.109	98	541983	50.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.408	95	182317	48.582	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.160%

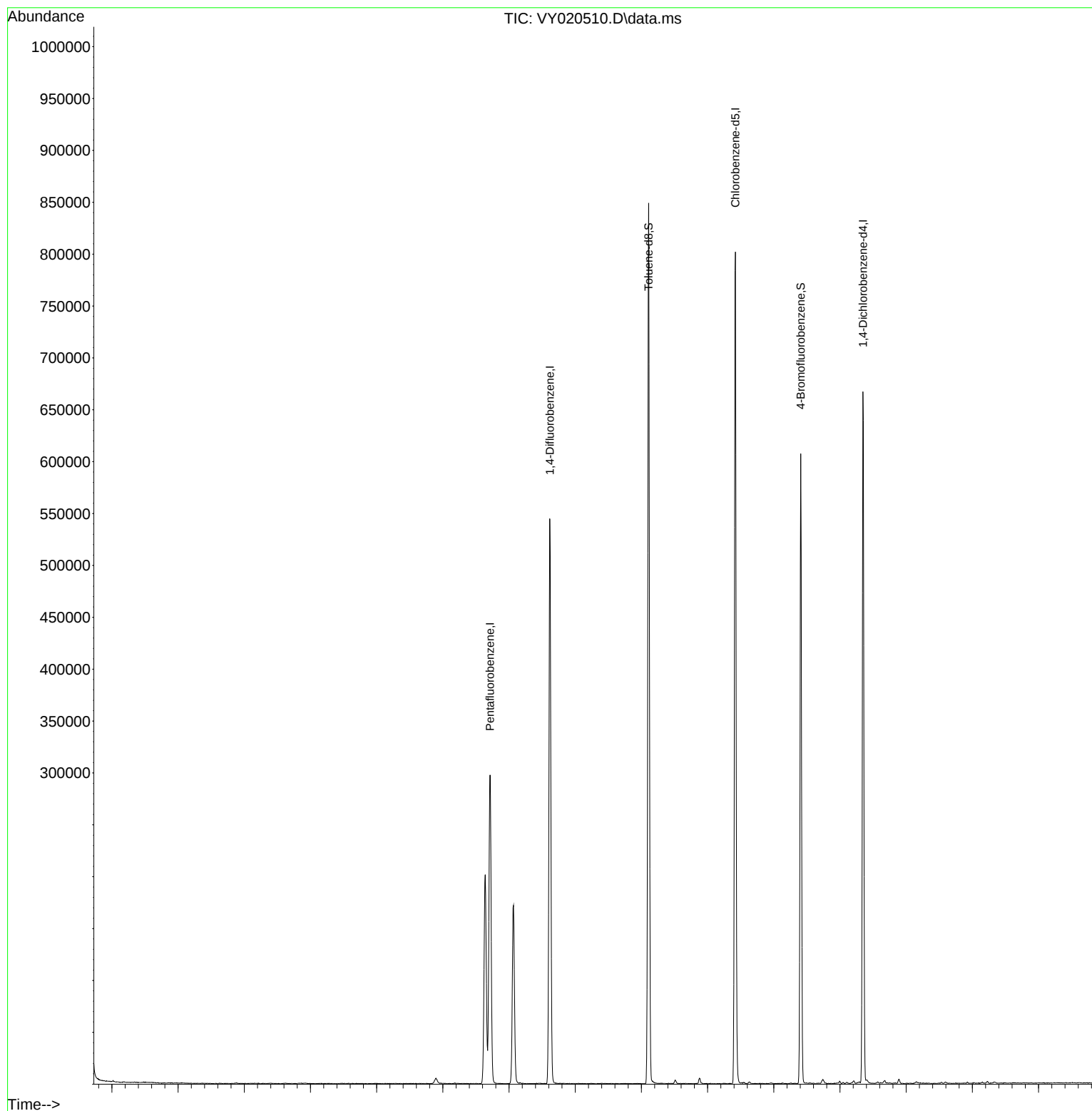
Target Compounds	Qvalue

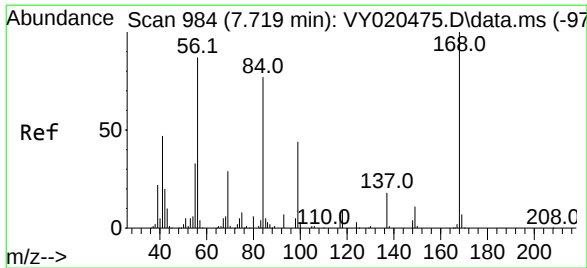
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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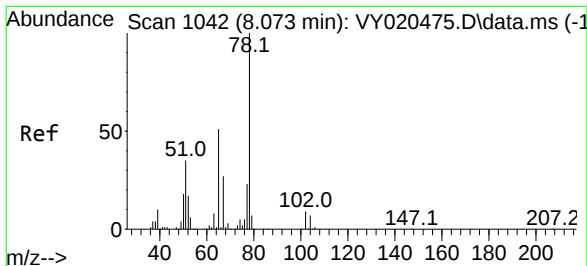
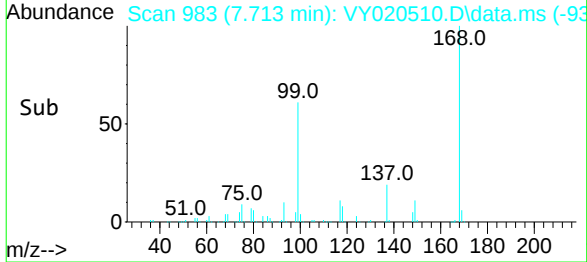
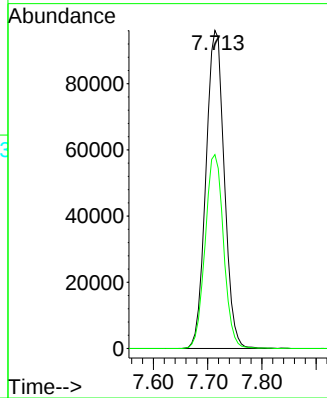
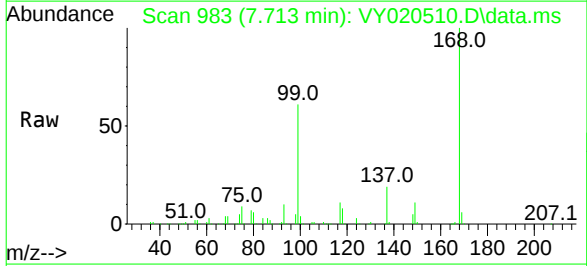




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020510.D
Acq: 04 Dec 2024 12:32

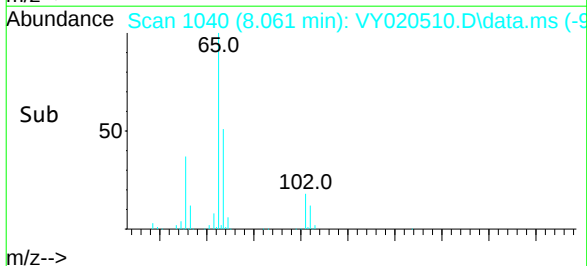
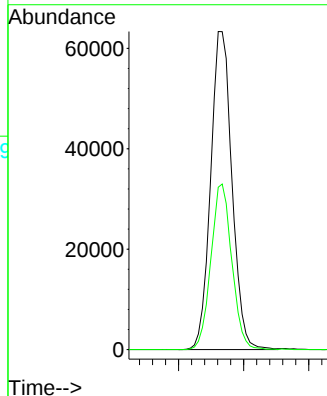
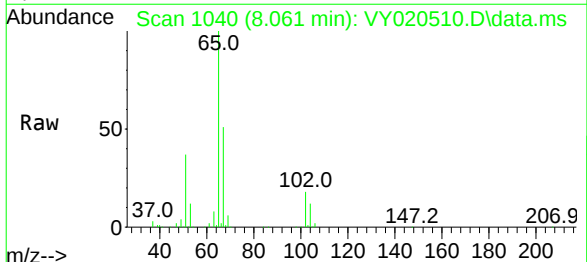
Instrument :
MSVOA_Y
ClientSampleId :
MH-738-VOC

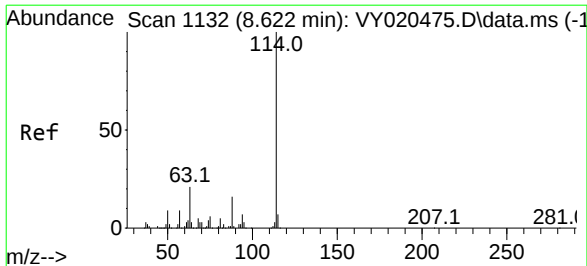
Tgt Ion:168 Resp: 225975
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 62.652 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020510.D
Acq: 04 Dec 2024 12:32

Tgt Ion: 65 Resp: 143988
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8

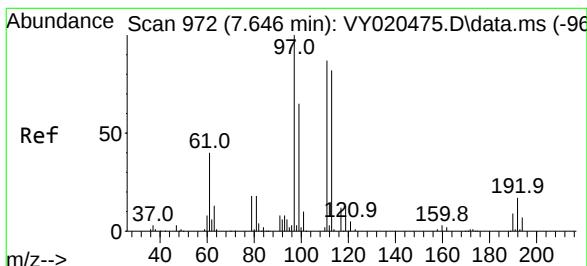
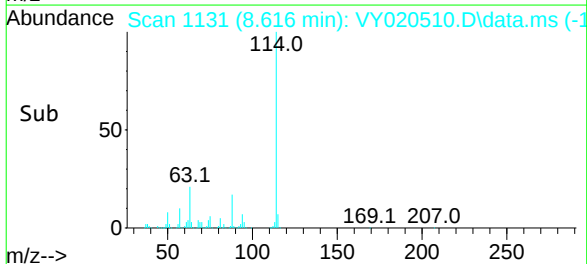
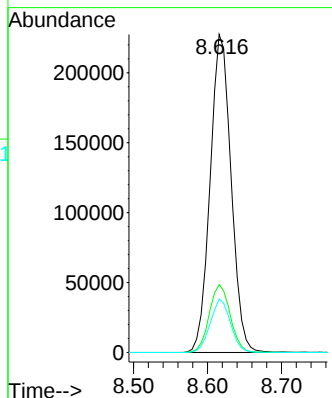
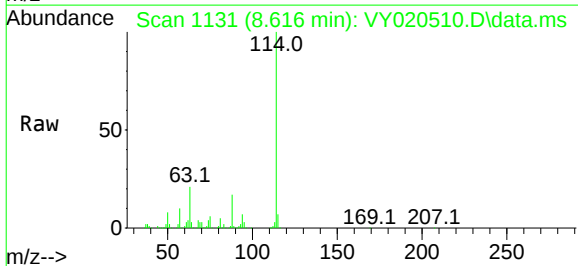




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020510.D
Acq: 04 Dec 2024 12:32

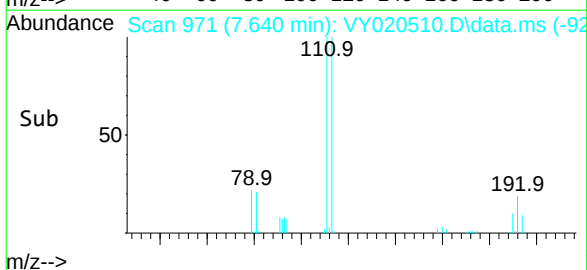
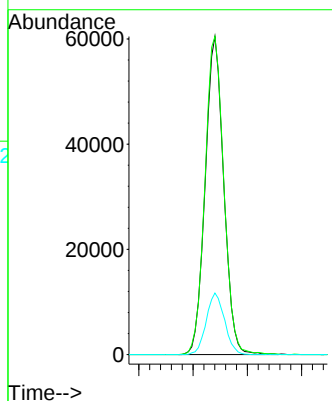
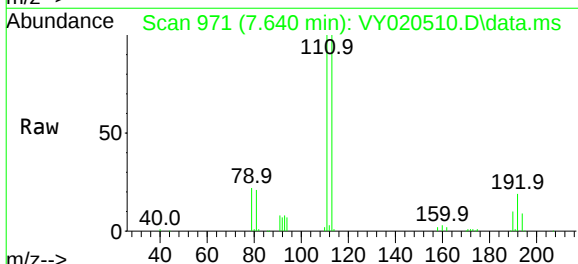
Instrument :
MSVOA_Y
ClientSampleId :
MH-738-VOC

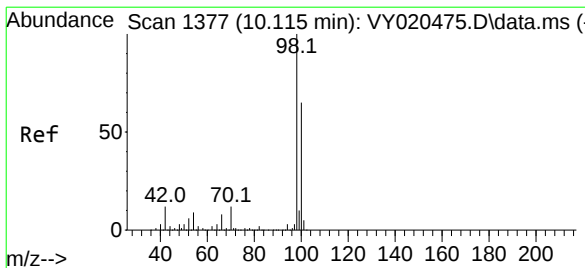
Tgt Ion:	114	Resp:	447607
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.8
88	16.8	0.0	32.0



#35
Dibromofluoromethane
Concen: 50.904 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020510.D
Acq: 04 Dec 2024 12:32

Tgt Ion:	113	Resp:	143442
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 50.511 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020510.D

Acq: 04 Dec 2024 12:32

Instrument :

MSVOA_Y

ClientSampleId :

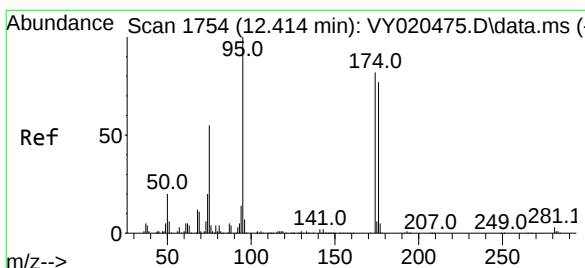
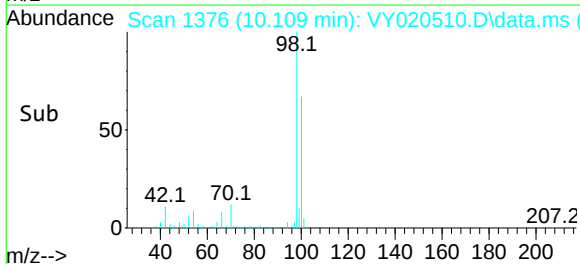
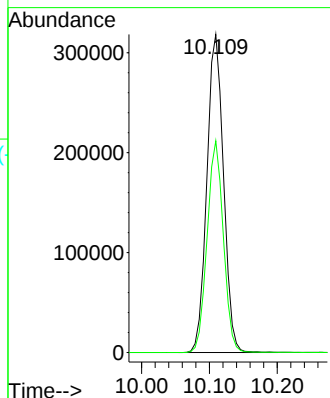
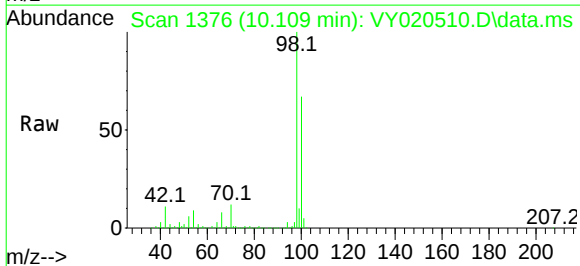
MH-738-VOC

Tgt Ion: 98 Resp: 541983

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 48.582 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020510.D

Acq: 04 Dec 2024 12:32

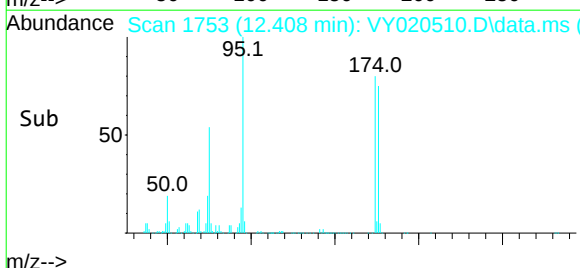
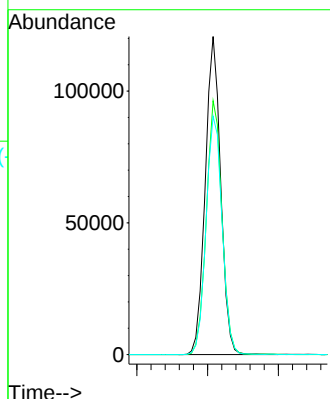
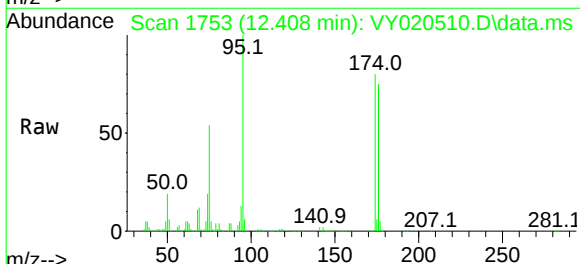
Tgt Ion: 95 Resp: 182317

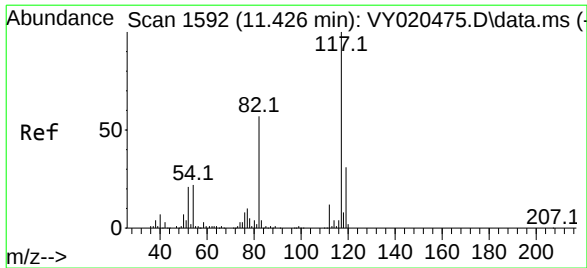
Ion Ratio Lower Upper

95 100

174 80.9 0.0 156.8

176 78.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020510.D

Acq: 04 Dec 2024 12:32

Instrument :

MSVOA_Y

ClientSampleId :

MH-738-VOC

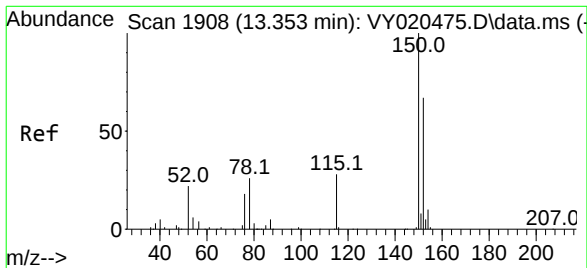
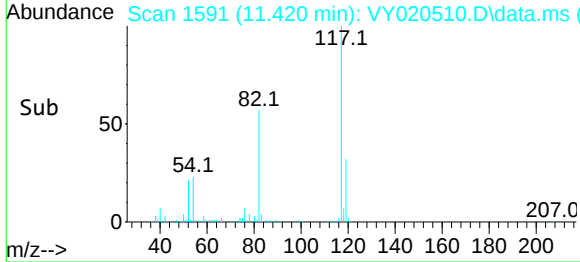
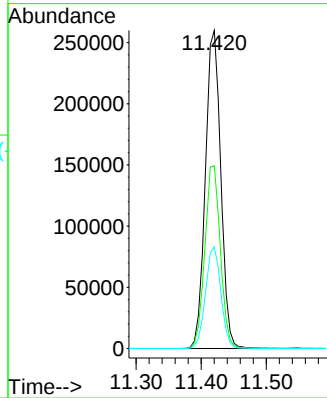
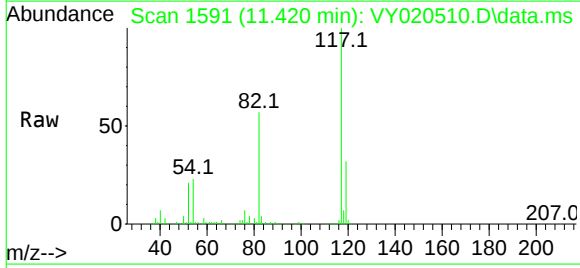
Tgt Ion:117 Resp: 427526

Ion Ratio Lower Upper

117 100

82 57.5 48.2 72.4

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020510.D

Acq: 04 Dec 2024 12:32

Tgt Ion:152 Resp: 164926

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 156.2 0.0 348.2

