

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020542.D
 Acq On : 06 Dec 2024 17:27
 Operator : SY/MD
 Sample : P5095-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-764-VOC

Quant Time: Dec 07 03:28:22 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	209381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	357389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116431	54.677	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.360%
35) Dibromofluoromethane	7.640	113	113393	50.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.109	98	426859	49.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.408	95	133130	44.430	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.860%

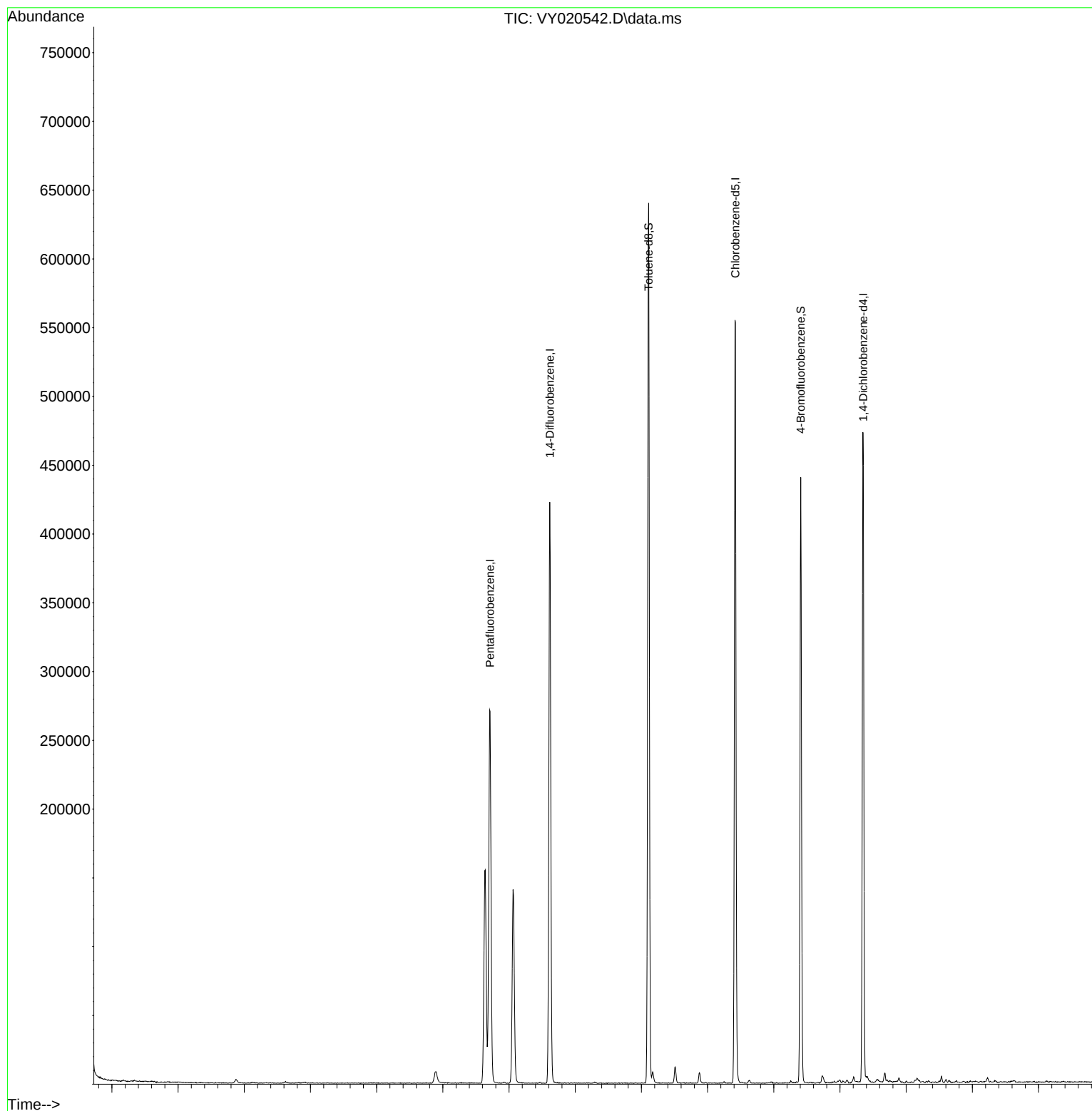
Target Compounds Qvalue

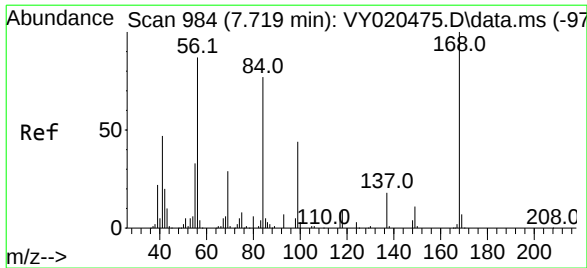
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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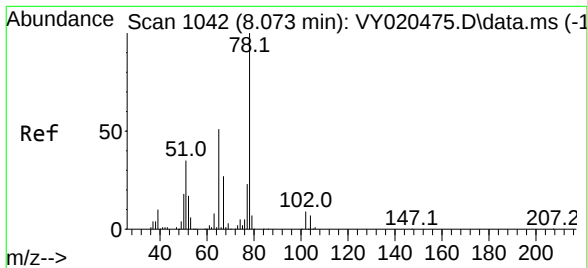
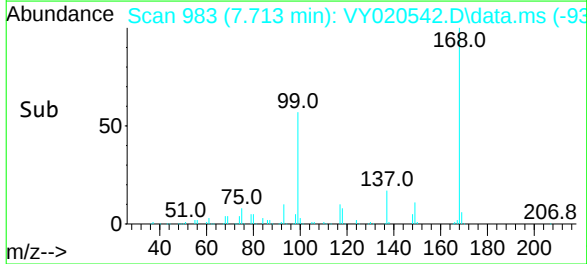
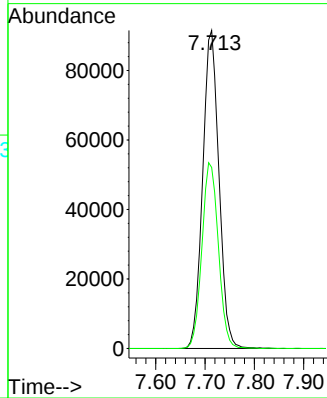
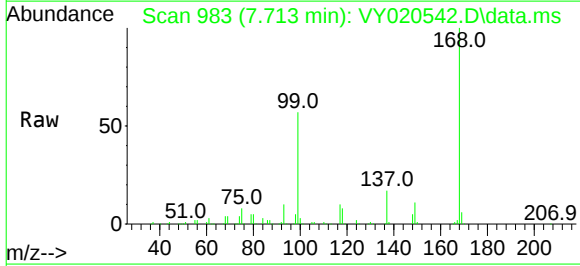




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

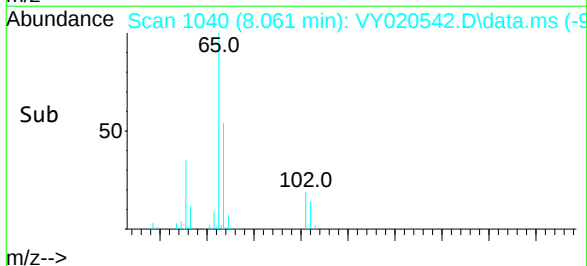
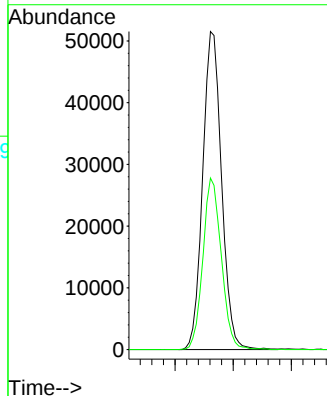
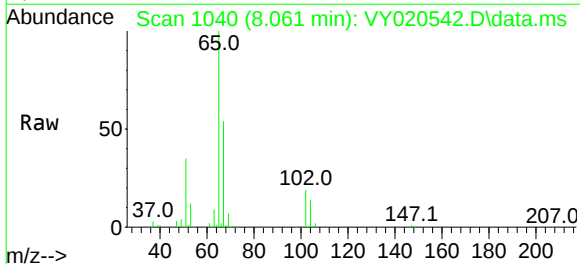
Instrument :
MSVOA_Y
ClientSampleId :
MH-764-VOC

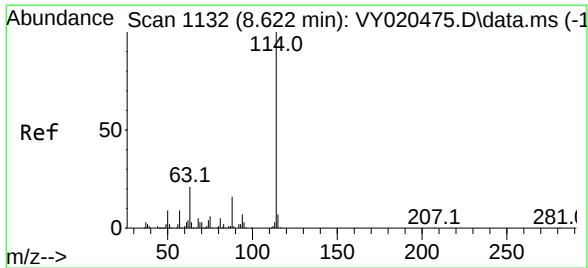
Tgt Ion:168 Resp: 209381
Ion Ratio Lower Upper
168 100
99 56.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 54.677 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

Tgt Ion: 65 Resp: 116431
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

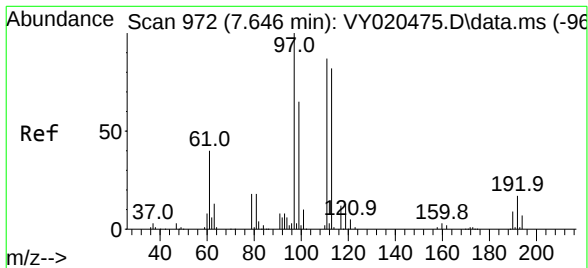
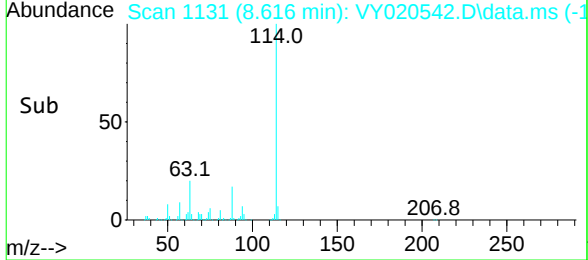
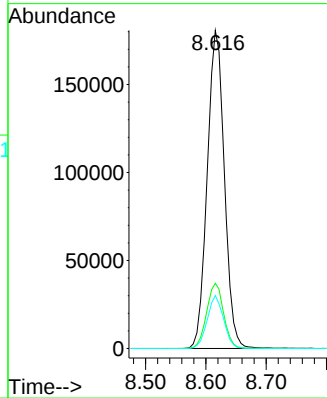
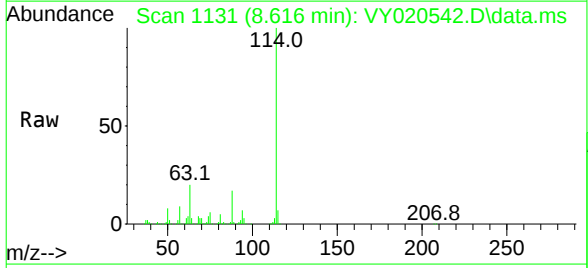




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

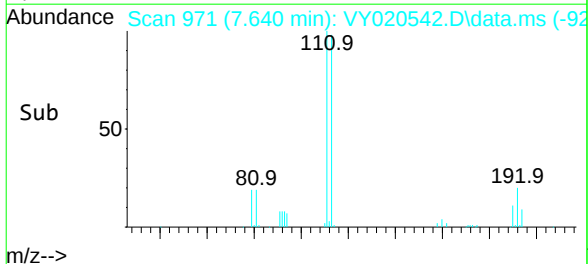
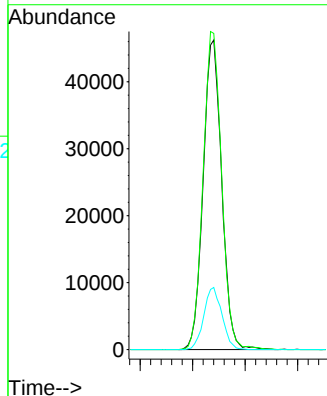
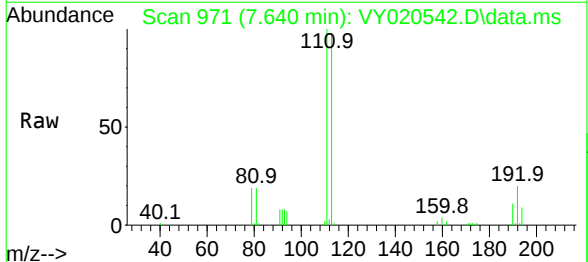
Instrument :
MSVOA_Y
ClientSampleId :
MH-764-VOC

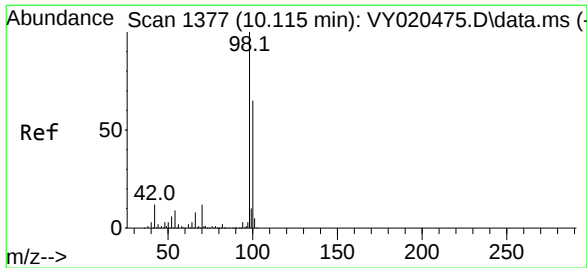
Tgt Ion:	114	Resp:	357389
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.8
88	16.7	0.0	32.0



#35
Dibromofluoromethane
Concen: 50.398 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020542.D
Acq: 06 Dec 2024 17:27

Tgt Ion:	113	Resp:	113393
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	19.7	15.1	22.7





#50

Toluene-d8

Concen: 49.824 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

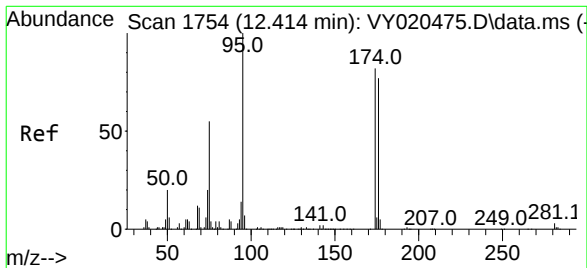
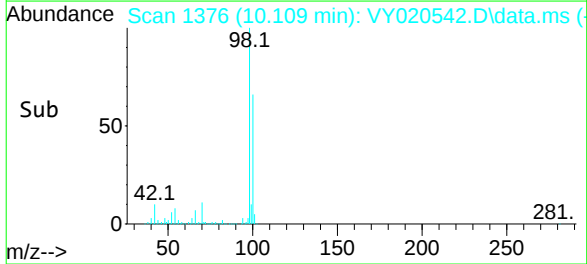
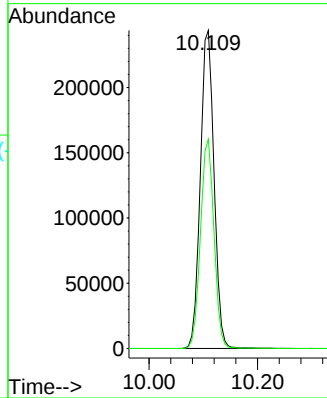
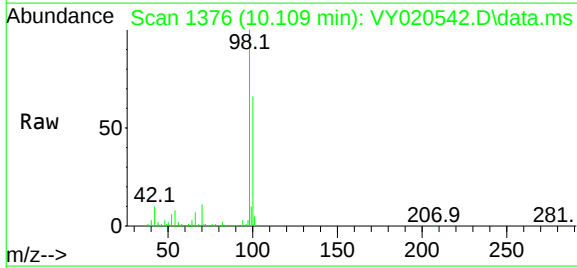
MH-764-VOC

Tgt Ion: 98 Resp: 426859

Ion Ratio Lower Upper

98 100

100 65.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 44.430 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

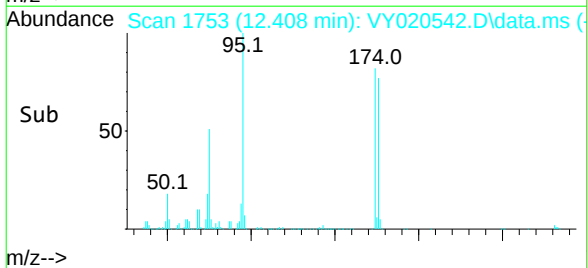
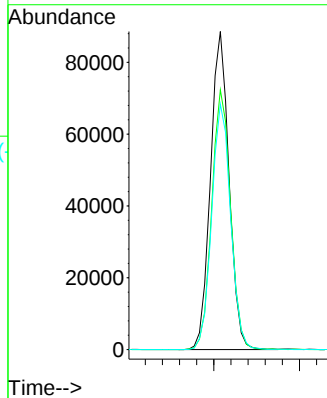
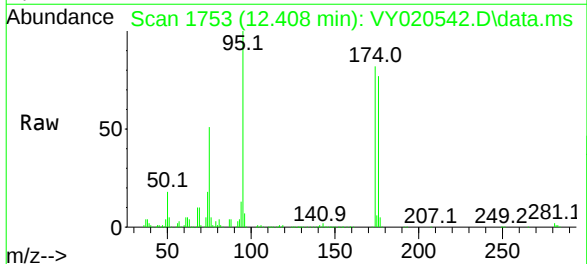
Tgt Ion: 95 Resp: 133130

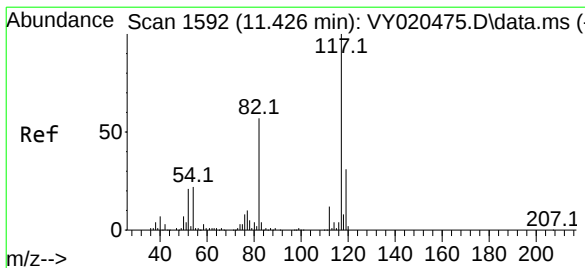
Ion Ratio Lower Upper

95 100

174 82.8 0.0 156.8

176 78.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

MH-764-VOC

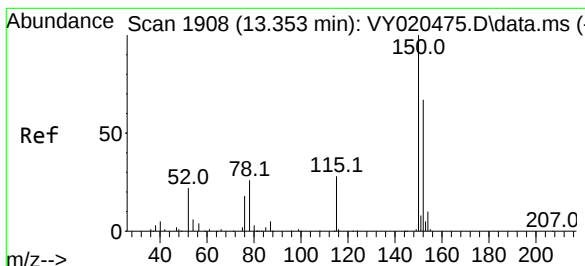
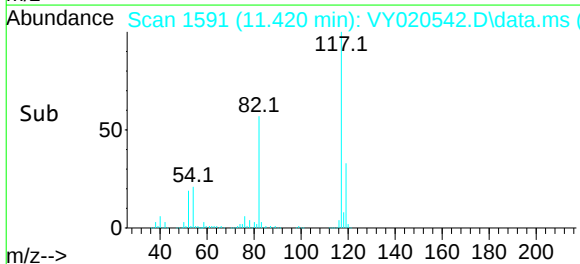
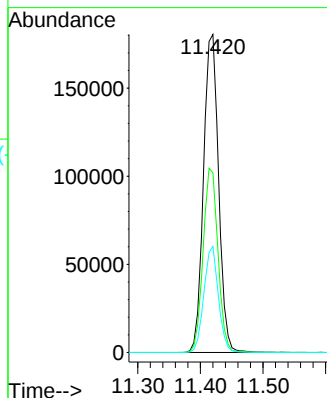
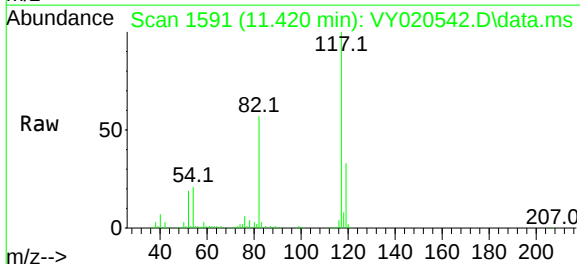
Tgt Ion:117 Resp: 302261

Ion Ratio Lower Upper

117 100

82 56.5 48.2 72.4

119 33.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020542.D

Acq: 06 Dec 2024 17:27

Tgt Ion:152 Resp: 121965

Ion Ratio Lower Upper

152 100

115 60.3 30.0 90.0

150 159.1 0.0 348.2

