

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020738.D
 Acq On : 27 Dec 2024 14:47
 Operator : SY/MD
 Sample : P5362-01
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOIL-20241219

Quant Time: Dec 28 03:03:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	105597	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	170705	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	143916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	57023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52789	61.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.640	113	53520	56.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.840%
50) Toluene-d8	10.109	98	196489	52.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.920%
62) 4-Bromofluorobenzene	12.407	95	58828	47.078	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.160%

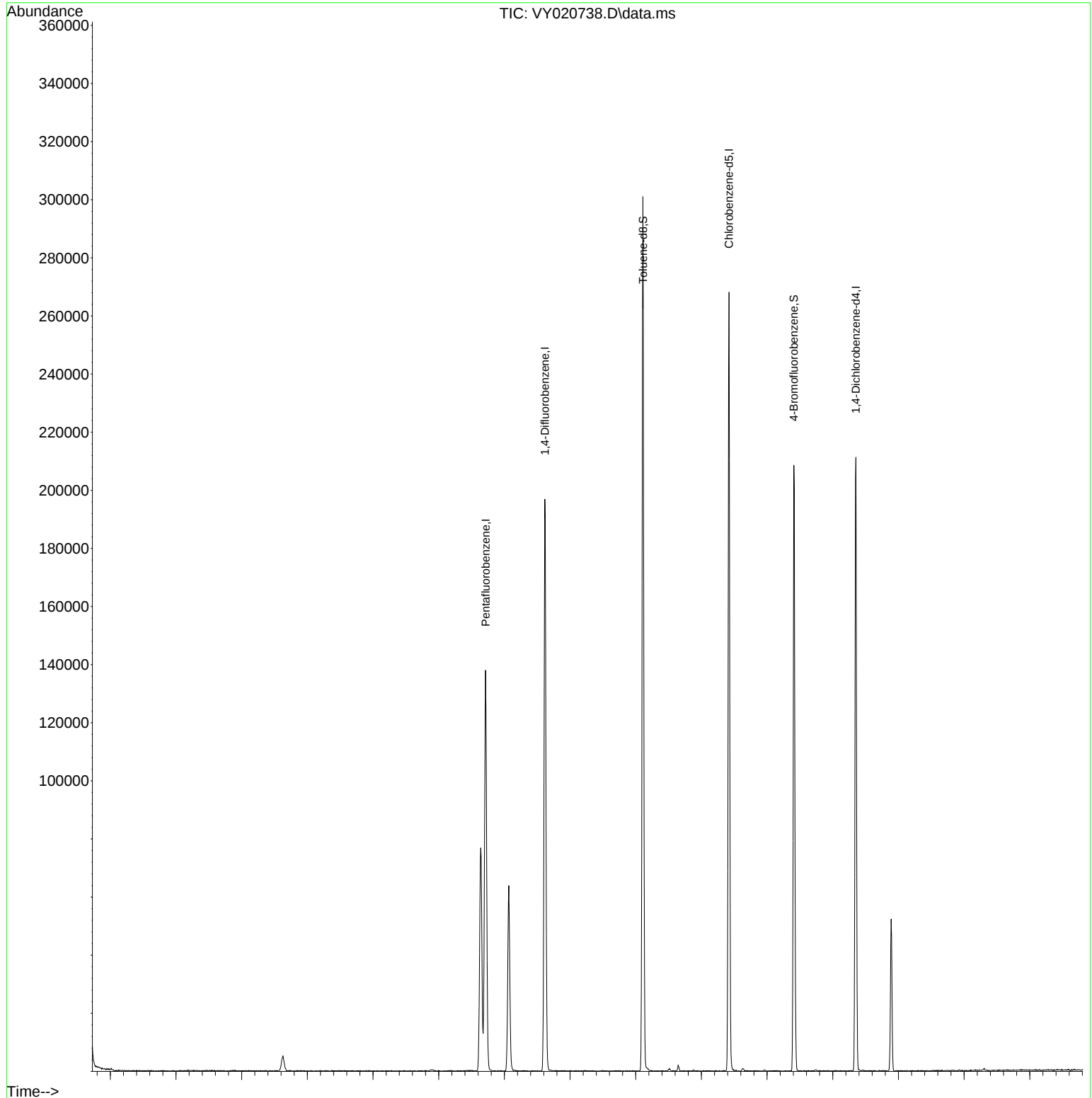
Target Compounds Qvalue

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

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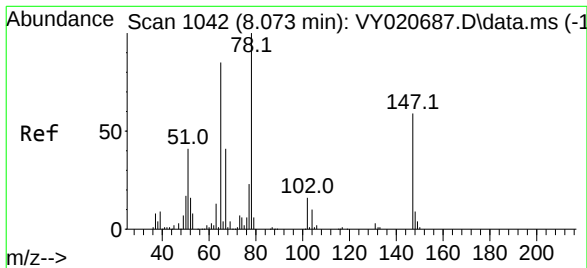
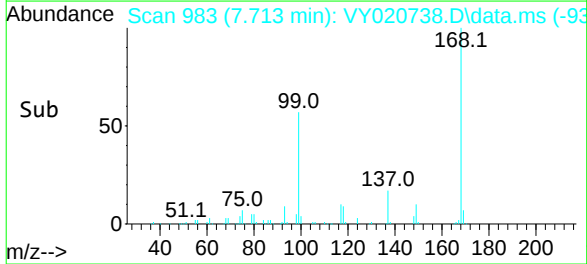
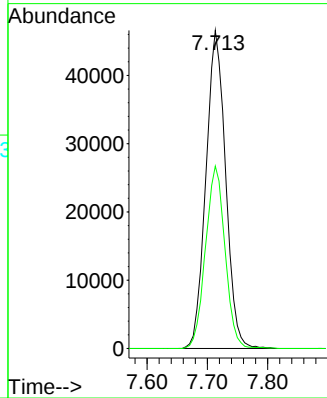
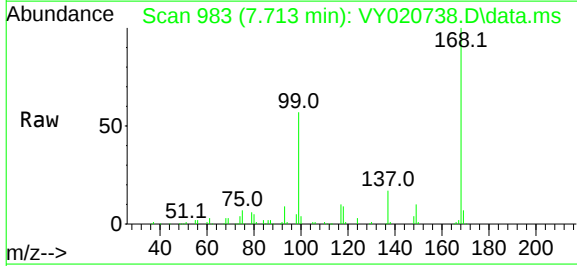




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

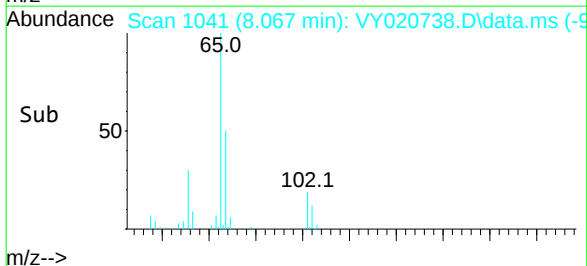
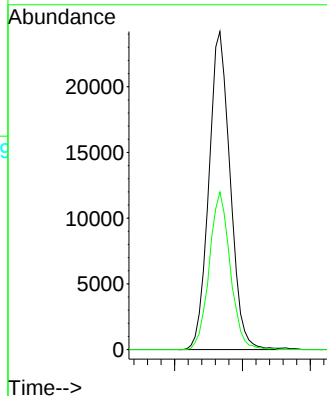
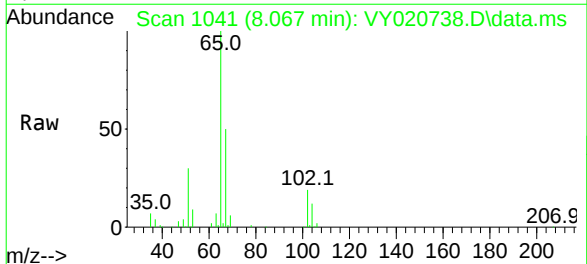
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-20241219

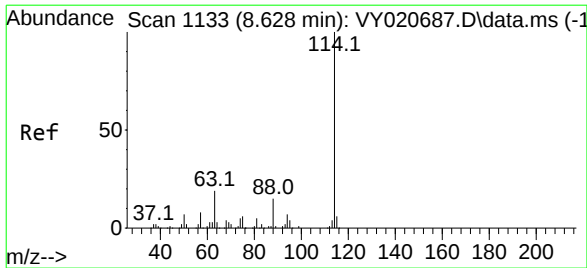
Tgt Ion:168 Resp: 105597
Ion Ratio Lower Upper
168 100
99 57.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 61.032 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Tgt Ion: 65 Resp: 52789
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.0

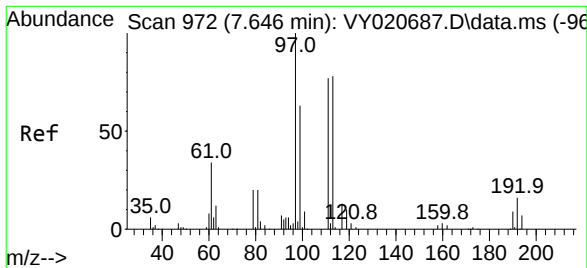
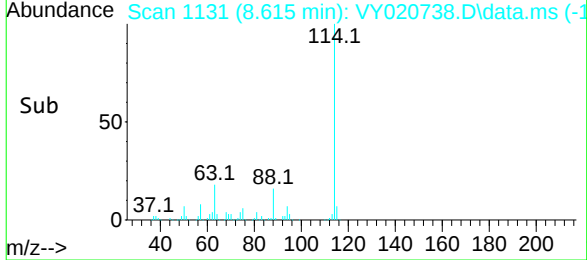
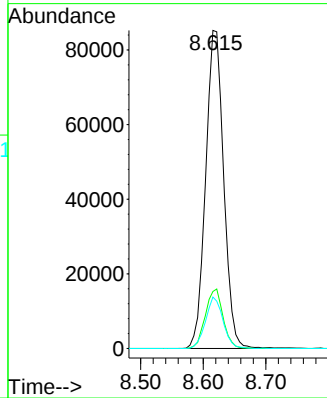
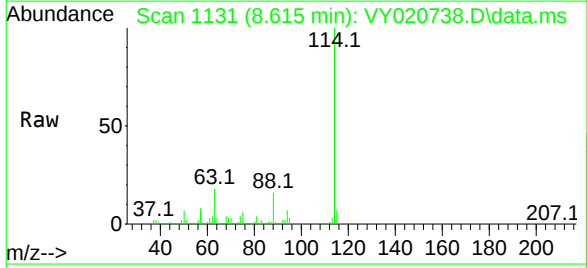




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

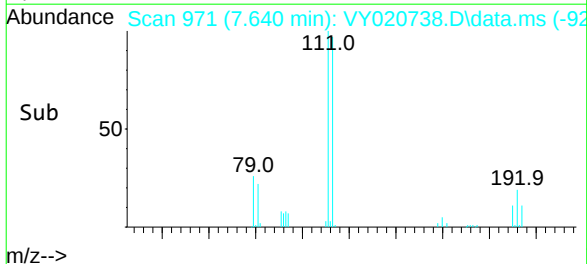
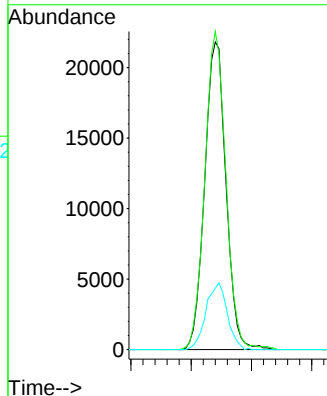
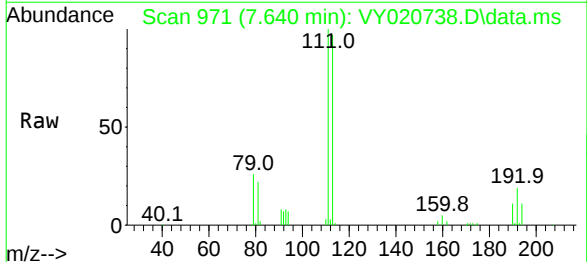
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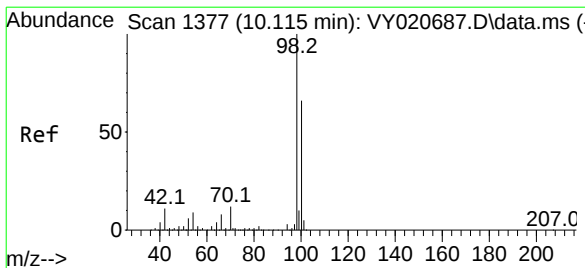
Tgt Ion:114 Resp: 170705
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 16.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 56.920 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Tgt Ion:113 Resp: 53520
Ion Ratio Lower Upper
113 100
111 102.3 79.8 119.8
192 21.7 17.0 25.6





#50

Toluene-d8

Concen: 52.462 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

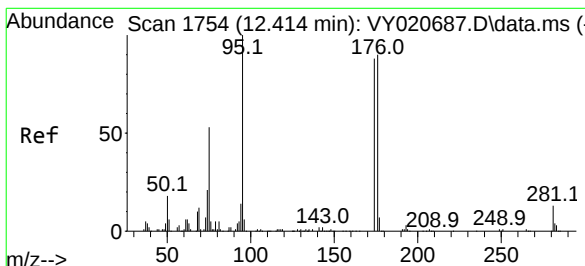
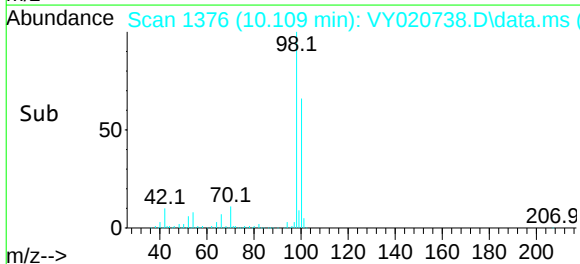
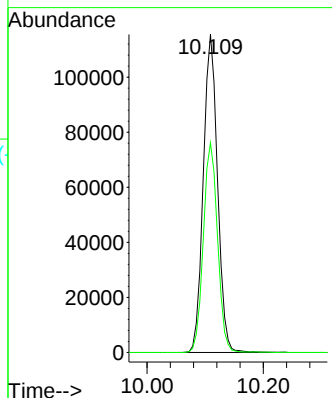
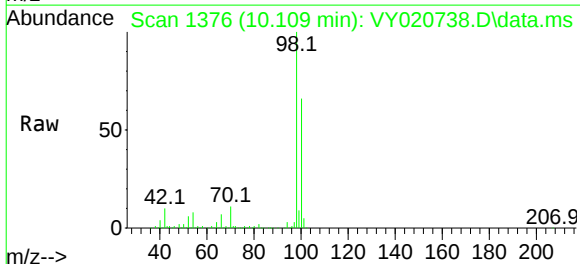
WC-SOIL-20241219

Tgt Ion: 98 Resp: 196489

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.078 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.007 min

Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

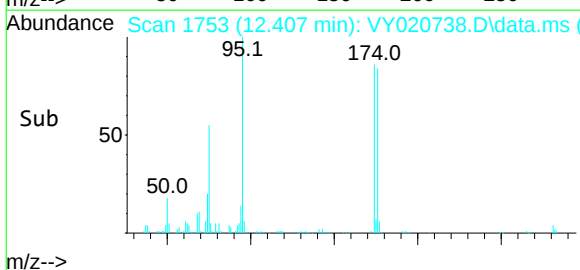
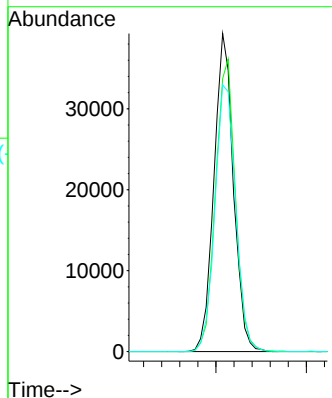
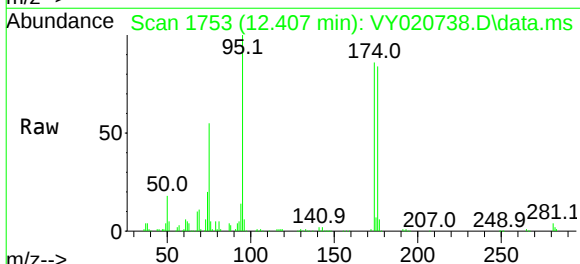
Tgt Ion: 95 Resp: 58828

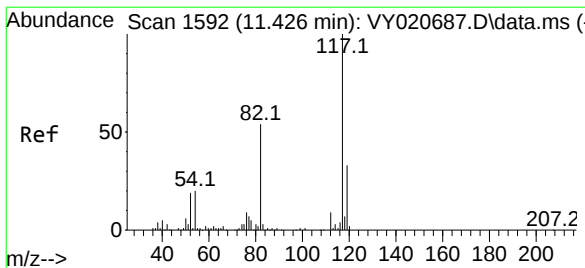
Ion Ratio Lower Upper

95 100

174 93.7 0.0 179.2

176 89.6 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-SOIL-20241219

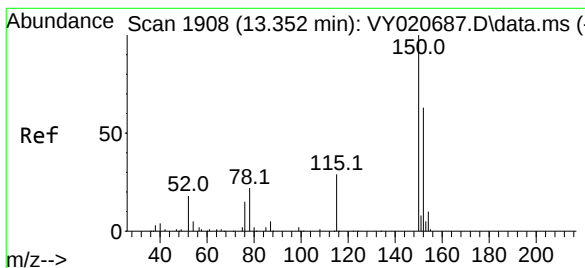
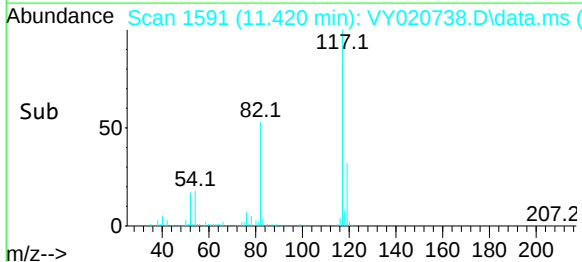
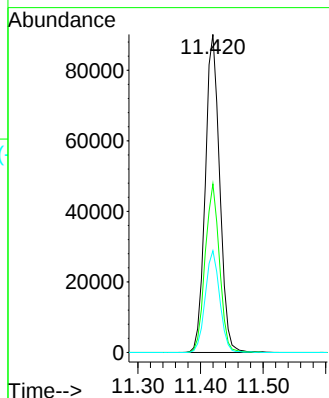
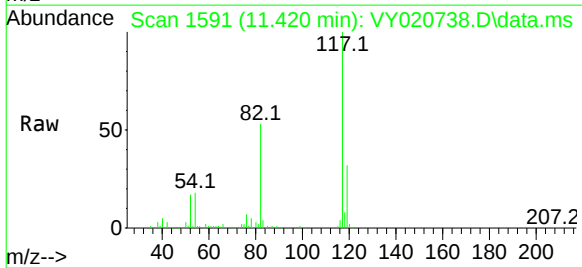
Tgt Ion:117 Resp: 143916

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.2

119 32.0 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

Tgt Ion:152 Resp: 57023

Ion Ratio Lower Upper

152 100

115 59.2 30.3 90.9

150 159.2 0.0 349.0

