

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020698.D
 Acq On : 23 Dec 2024 17:51
 Operator : SY/MD
 Sample : P5342-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HT2651

Quant Time: Dec 23 18:05:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	12588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	19138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	14948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	4956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7165	64.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.540%
35) Dibromofluoromethane	7.640	113	6245	55.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.140%
50) Toluene-d8	10.115	98	21513	52.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.408	95	5618	37.818	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.640%

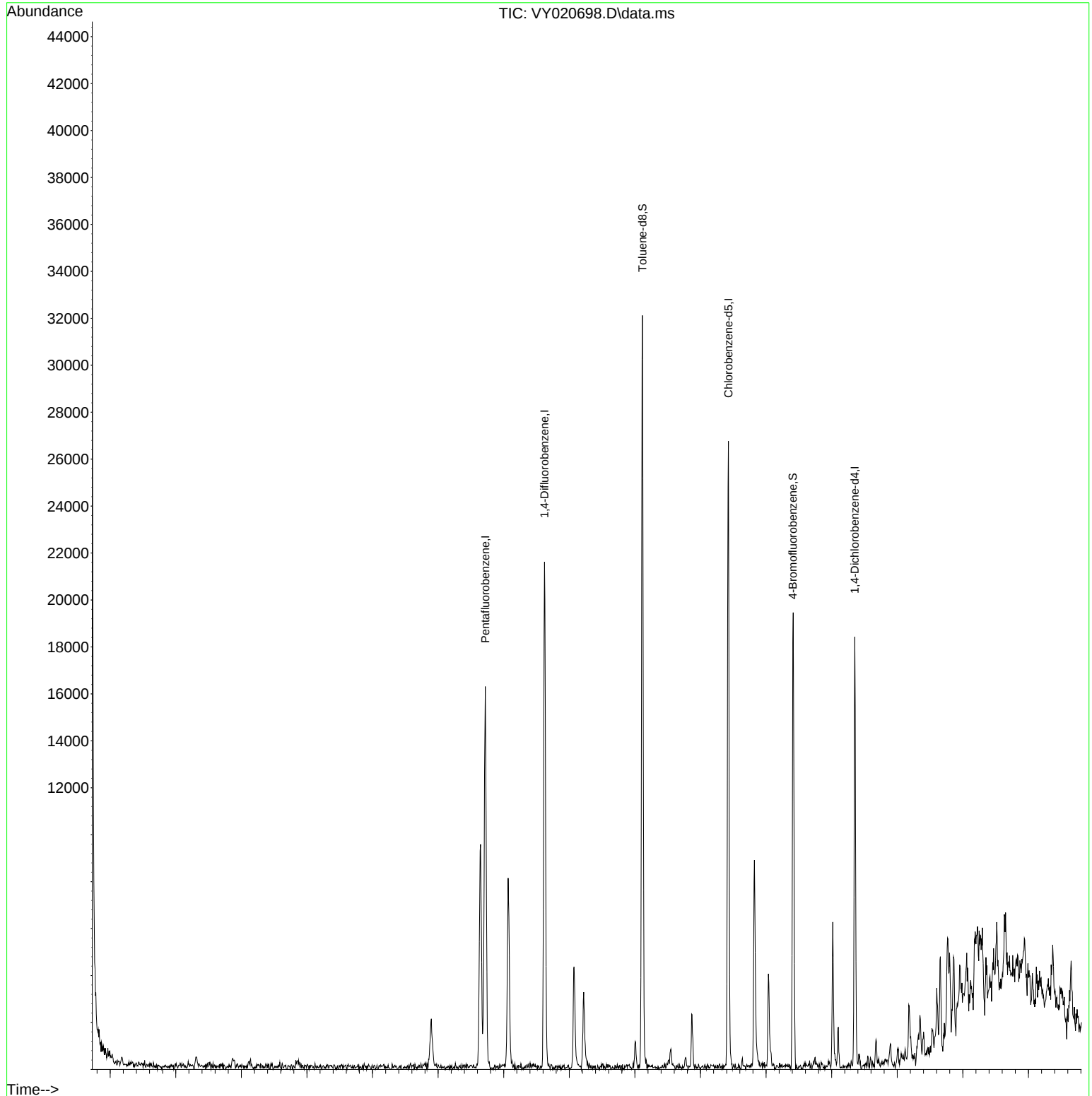
Target Compounds Qvalue

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

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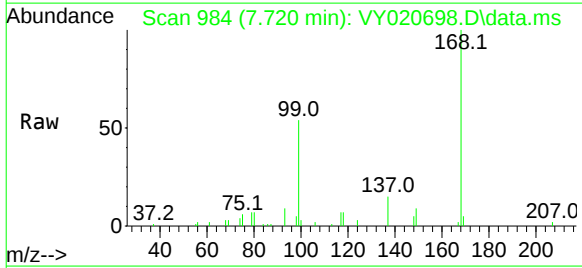
Quant Time: Dec 23 18:05:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
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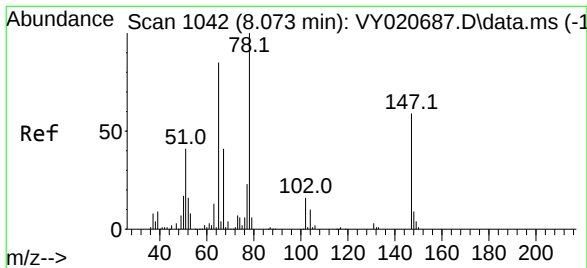
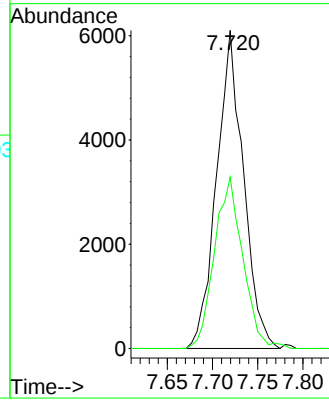
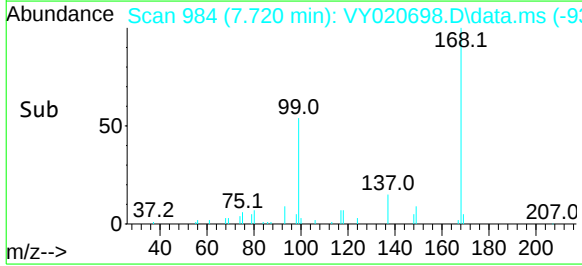


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020698.D
Acq: 23 Dec 2024 17:51

Instrument :
MSVOA_Y
ClientSampleId :
HT2651

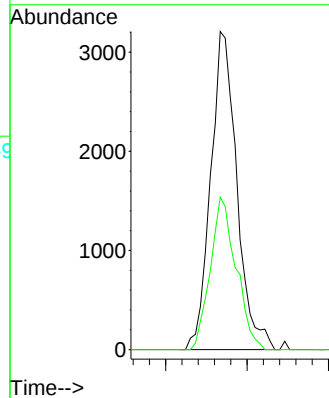
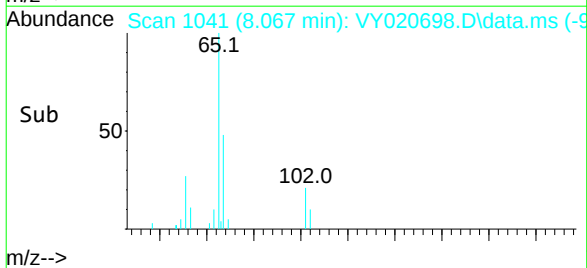
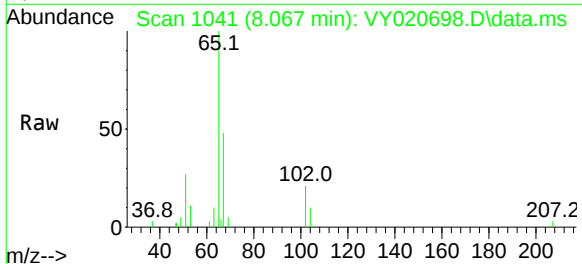


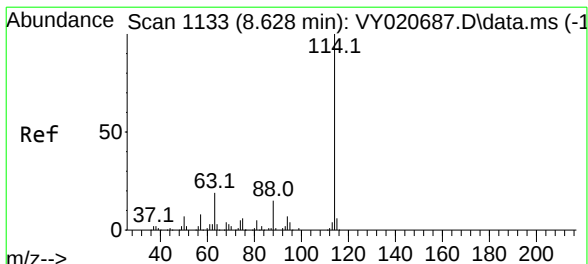
Tgt Ion:168 Resp: 12588
Ion Ratio Lower Upper
168 100
99 53.9 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 64.269 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020698.D
Acq: 23 Dec 2024 17:51

Tgt Ion: 65 Resp: 7165
Ion Ratio Lower Upper
65 100
67 47.3 0.0 108.0

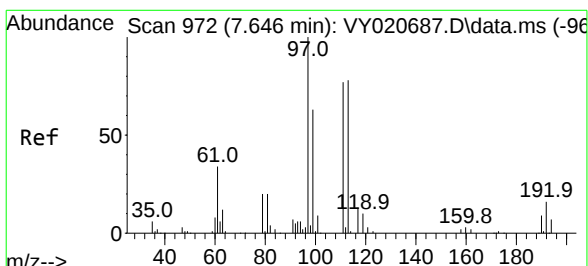
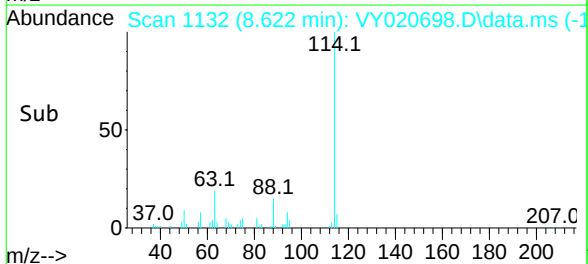
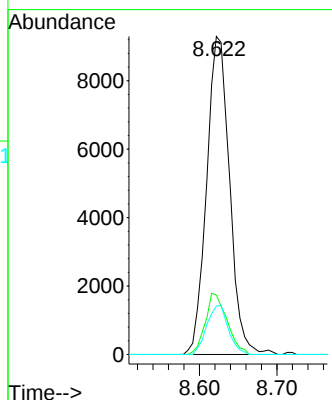
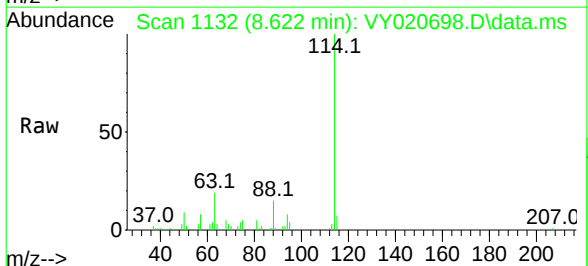




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020698.D
 Acq: 23 Dec 2024 17:51

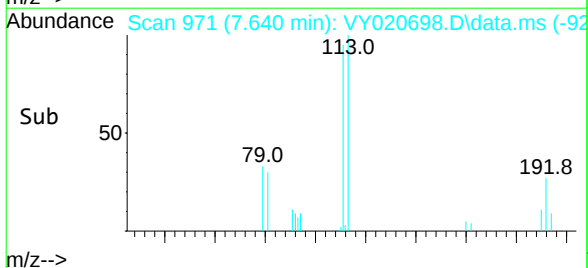
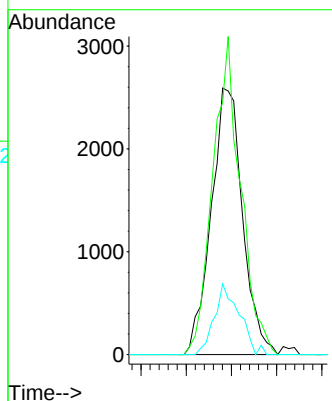
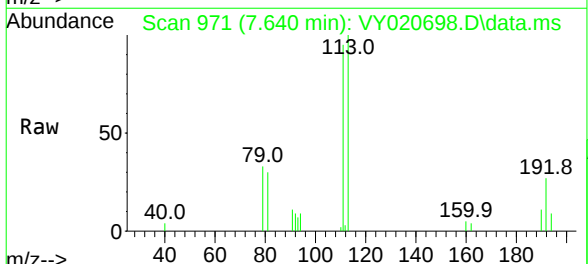
Instrument :
 MSVOA_Y
 ClientSampleId :
 HT2651

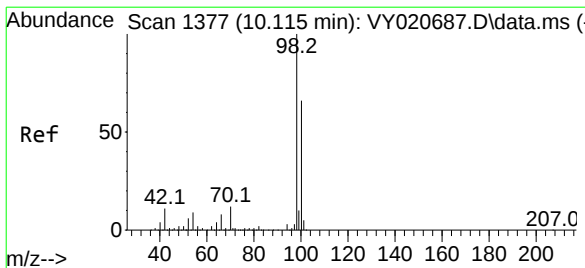
Tgt Ion:	114	Resp:	19138
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	44.0
88	15.2	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 55.573 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.006 min
 Lab File: VY020698.D
 Acq: 23 Dec 2024 17:51

Tgt Ion:	113	Resp:	6245
Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.9	124.3
192	21.1	15.7	23.5





#50

Toluene-d8

Concen: 52.709 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020698.D

Acq: 23 Dec 2024 17:51

Instrument :

MSVOA_Y

ClientSampleId :

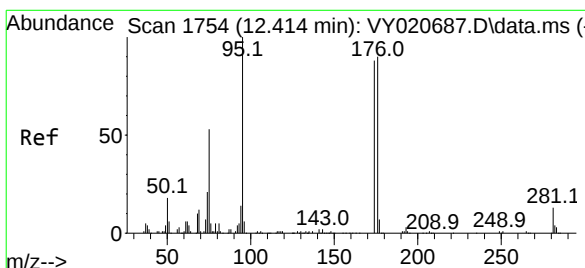
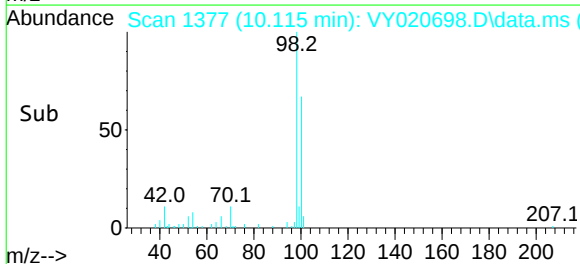
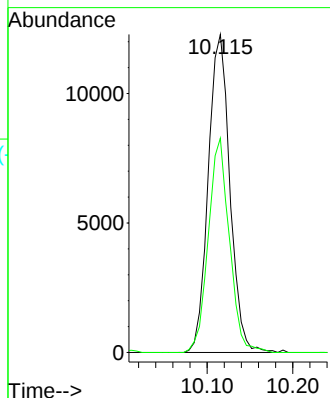
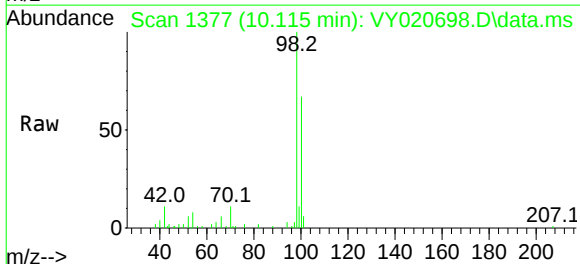
HT2651

Tgt Ion: 98 Resp: 21513

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 37.818 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020698.D

Acq: 23 Dec 2024 17:51

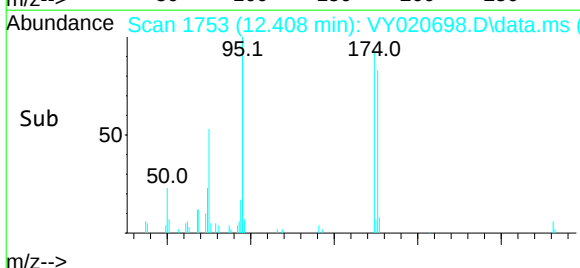
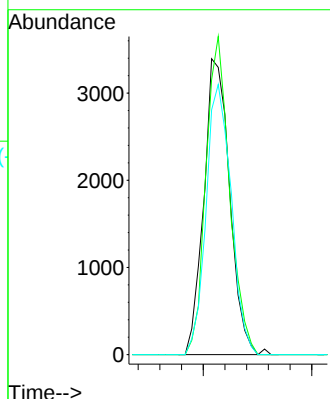
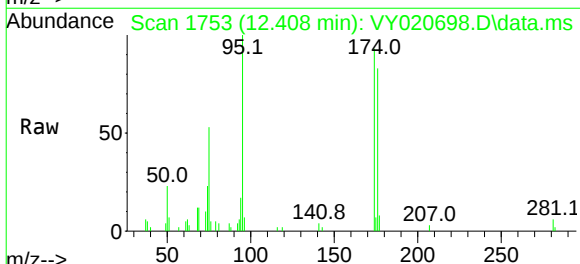
Tgt Ion: 95 Resp: 5618

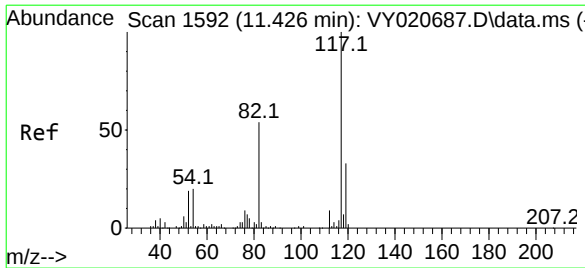
Ion Ratio Lower Upper

95 100

174 98.4 0.0 161.8

176 88.7 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020698.D

Acq: 23 Dec 2024 17:51

Instrument :

MSVOA_Y

ClientSampleId :

HT2651

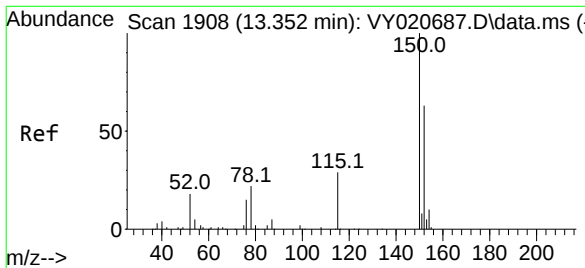
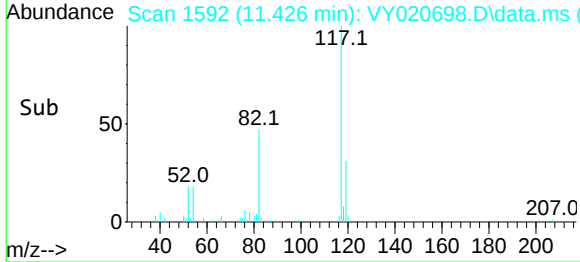
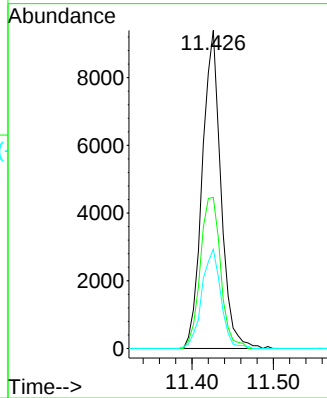
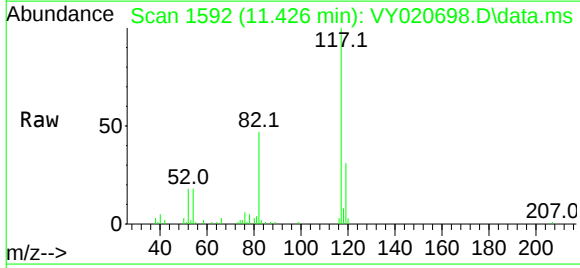
Tgt Ion:117 Resp: 14948

Ion Ratio Lower Upper

117 100

82 47.5 45.8 68.6

119 31.2 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020698.D

Acq: 23 Dec 2024 17:51

Tgt Ion:152 Resp: 4956

Ion Ratio Lower Upper

152 100

115 54.2 30.2 90.6

150 150.1 0.0 355.4

