

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123124\
 Data File : VY020760.D
 Acq On : 31 Dec 2024 10:42
 Operator : SY/MD
 Sample : VY1231SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1231SBL01

Quant Time: Jan 01 00:19:59 2025
 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	7.707	168	143183	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.616	114	234812	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	197633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	78826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66748	56.913	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.820%
35) Dibromofluoromethane	7.634	113	71335	55.154	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.300%
50) Toluene-d8	10.109	98	274686	53.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.408	95	82544	48.023	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.040%

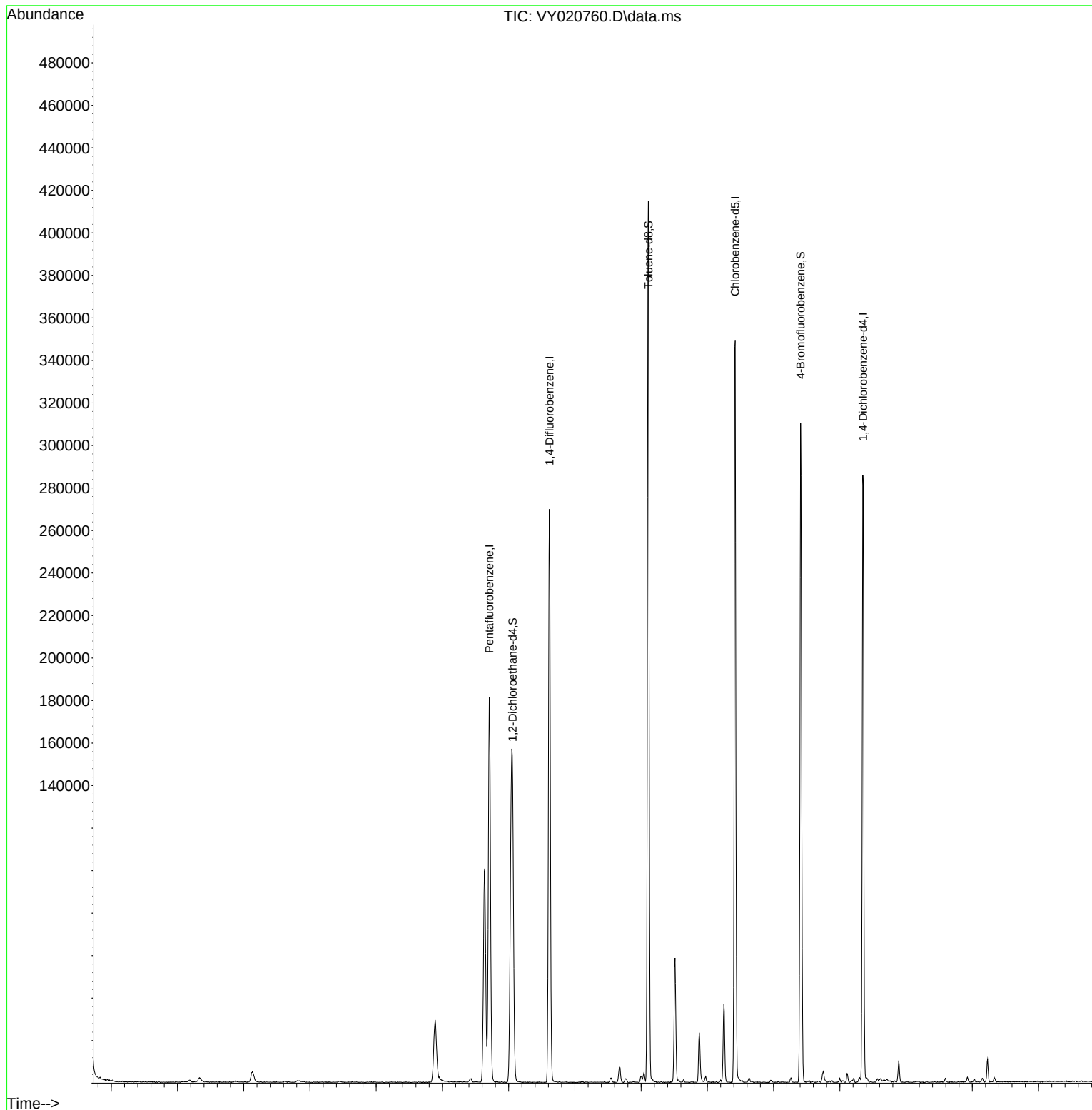
Target Compounds	Qvalue

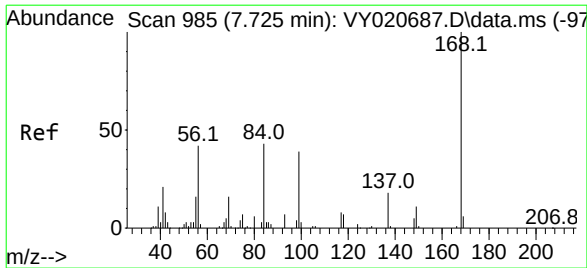
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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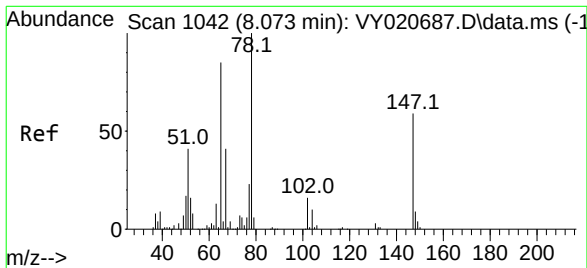
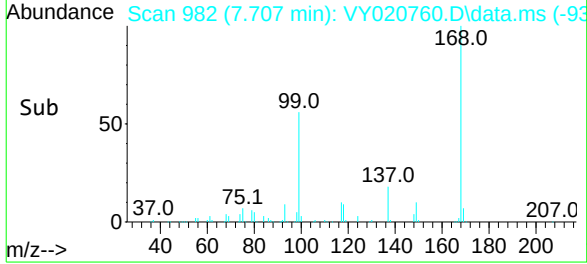
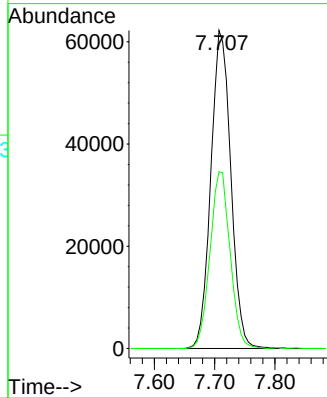
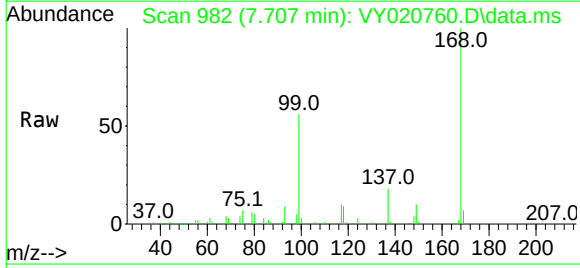




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.018 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

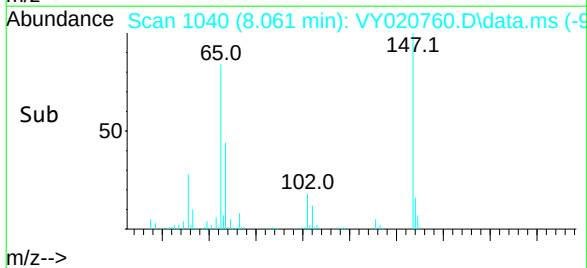
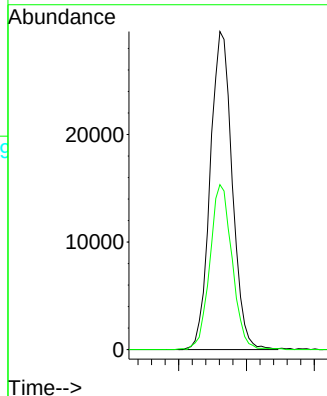
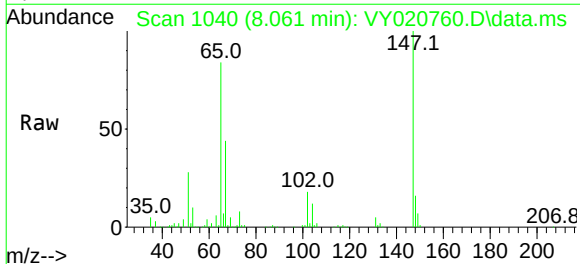
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBL01

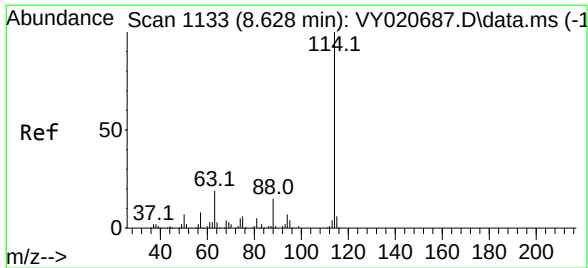
Tgt Ion:168 Resp: 143183
Ion Ratio Lower Upper
168 100
99 55.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 56.913 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Tgt Ion: 65 Resp: 66748
Ion Ratio Lower Upper
65 100
67 52.3 0.0 98.0

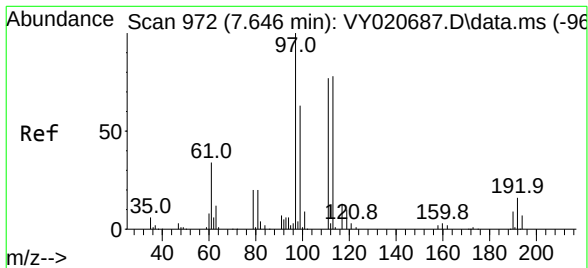
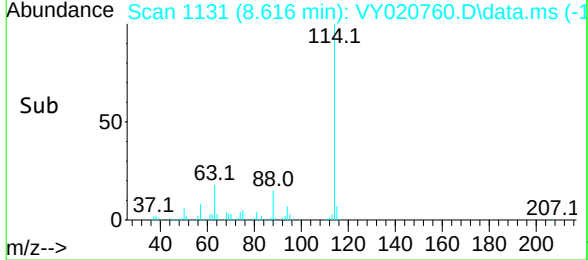
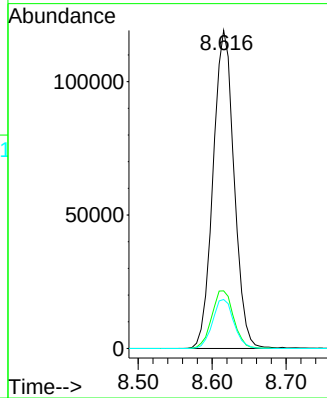
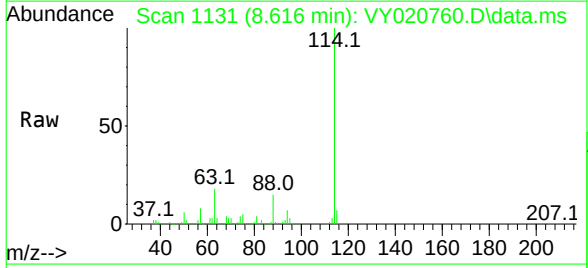




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

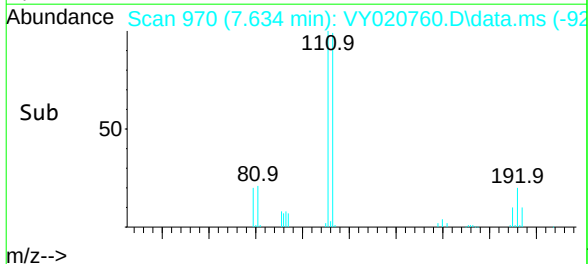
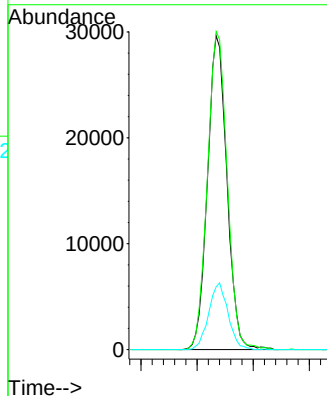
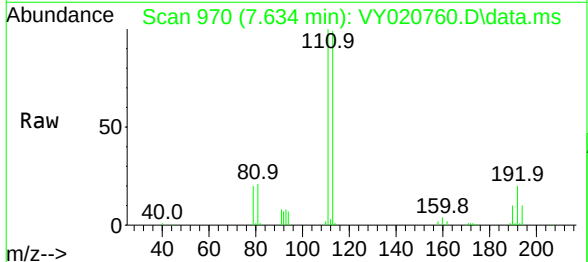
Instrument :
MSVOA_Y
ClientSampleId :
VY1231SBL01

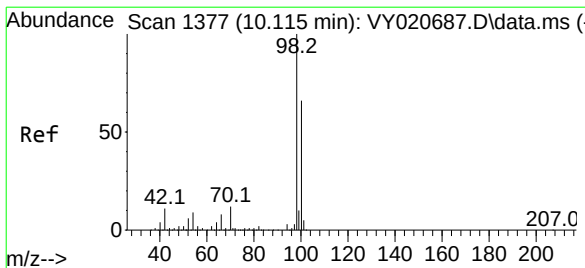
Tgt Ion:	114	Resp:	234812
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	15.4	0.0	30.4



#35
Dibromofluoromethane
Concen: 55.154 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020760.D
Acq: 31 Dec 2024 10:42

Tgt Ion:	113	Resp:	71335
Ion	Ratio	Lower	Upper
113	100		
111	103.1	79.8	119.8
192	21.2	17.0	25.6





#50

Toluene-d8

Concen: 53.289 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020760.D

Acq: 31 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

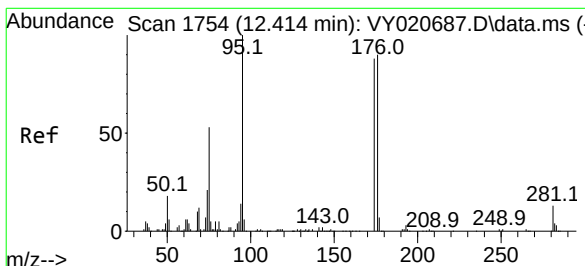
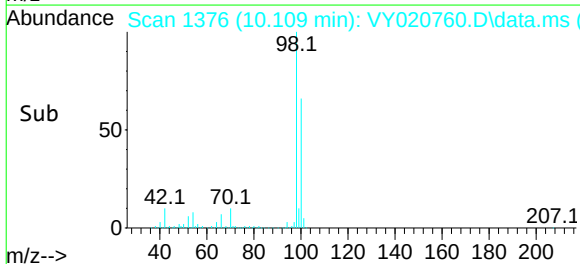
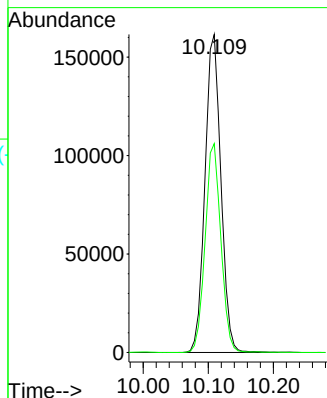
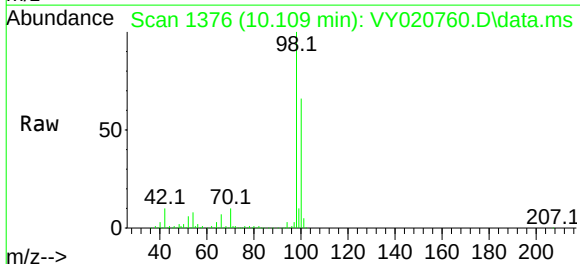
VY1231SBL01

Tgt Ion: 98 Resp: 274686

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 48.023 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020760.D

Acq: 31 Dec 2024 10:42

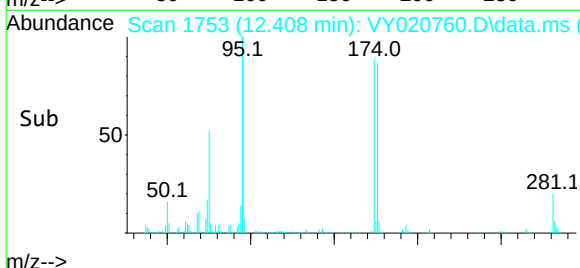
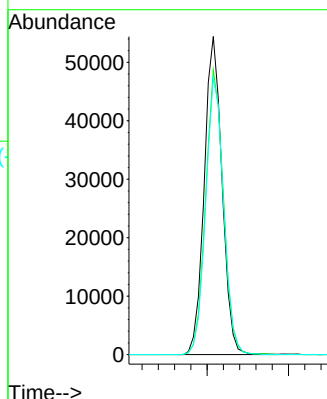
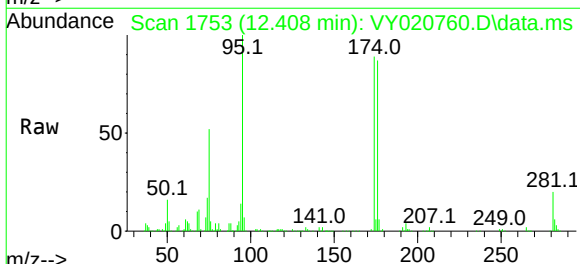
Tgt Ion: 95 Resp: 82544

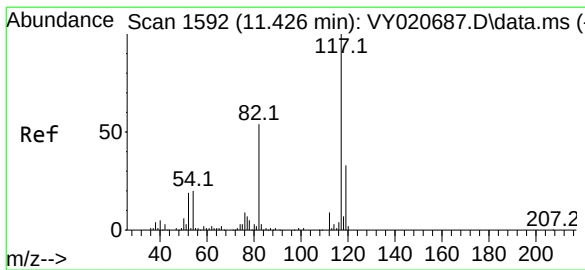
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.2

176 87.8 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020760.D

Acq: 31 Dec 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1231SBL01

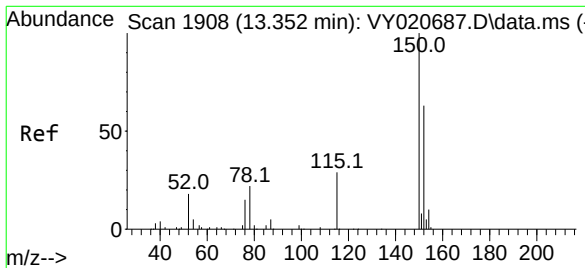
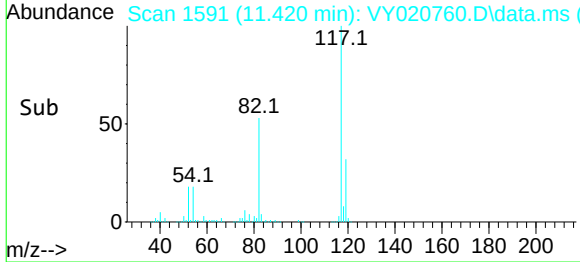
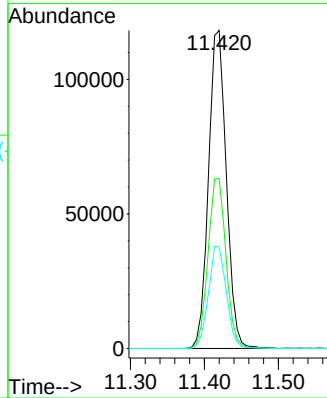
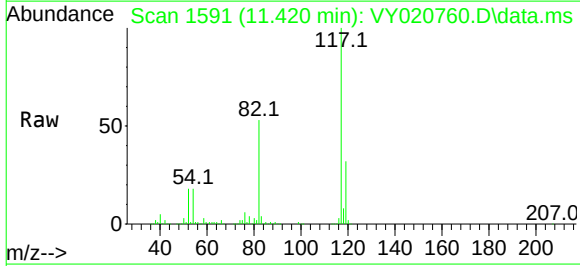
Tgt Ion:117 Resp: 197633

Ion Ratio Lower Upper

117 100

82 53.5 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: VY020760.D

Acq: 31 Dec 2024 10:42

Tgt Ion:152 Resp: 78826

Ion Ratio Lower Upper

152 100

115 57.5 30.3 90.9

150 154.1 0.0 349.0

