

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020731.D
 Acq On : 27 Dec 2024 11:24
 Operator : SY/MD
 Sample : VY1227SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBL01

Quant Time: Dec 28 02:59:57 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	7.719	168	112620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	180909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	153112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	62475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	58576	63.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.000%
35) Dibromofluoromethane	7.646	113	56931	57.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.260%
50) Toluene-d8	10.115	98	211551	53.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.408	95	63919	48.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.540%

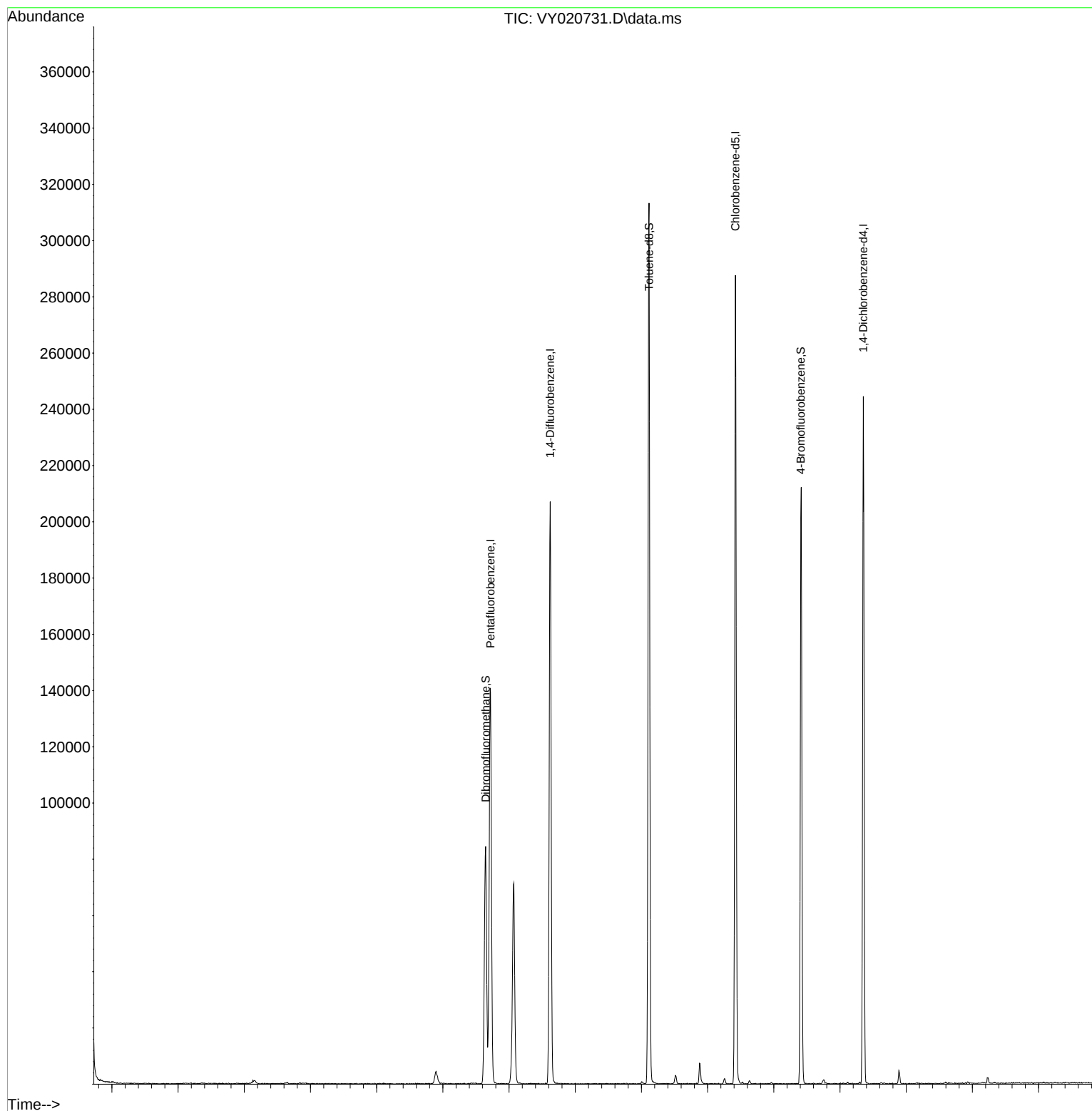
Target Compounds Qvalue

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

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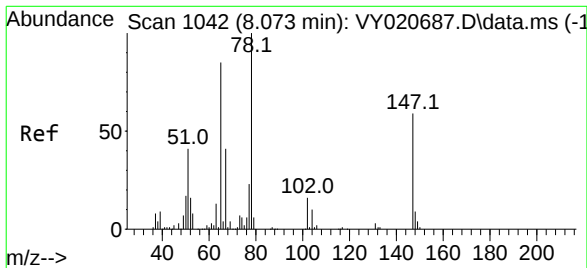
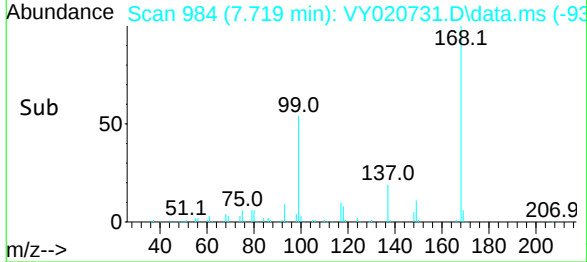
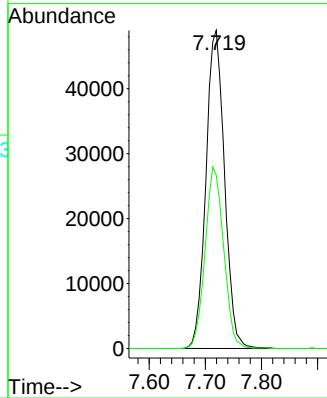
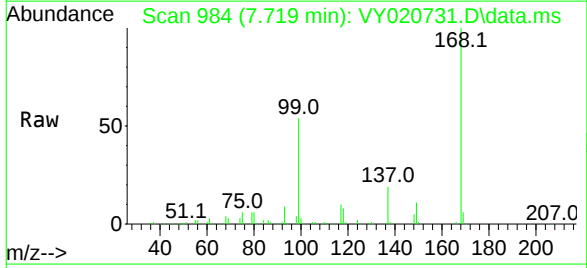




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 985
Delta R.T. -0.006 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

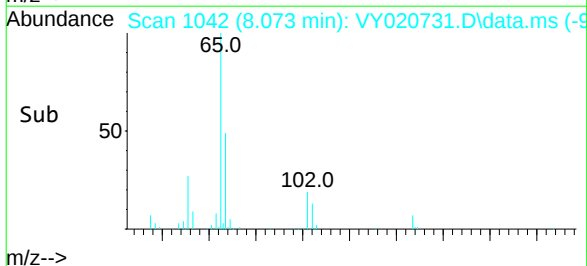
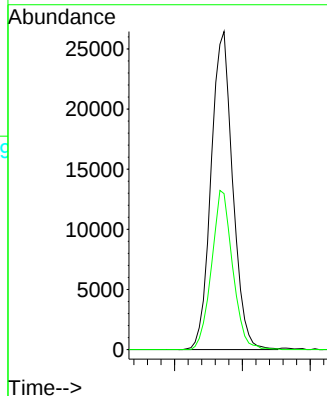
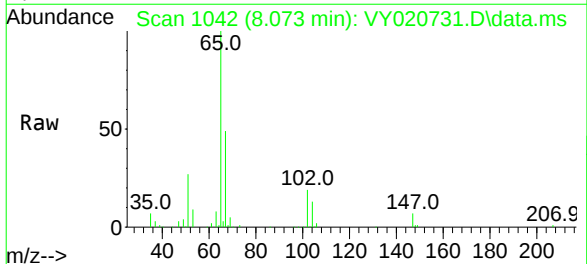
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

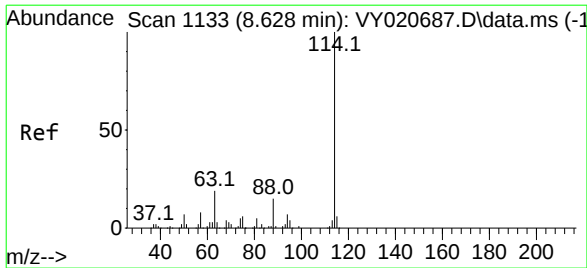
Tgt Ion:168 Resp: 112620
Ion Ratio Lower Upper
168 100
99 54.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 63.500 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

Tgt Ion: 65 Resp: 58576
Ion Ratio Lower Upper
65 100
67 48.8 0.0 98.0

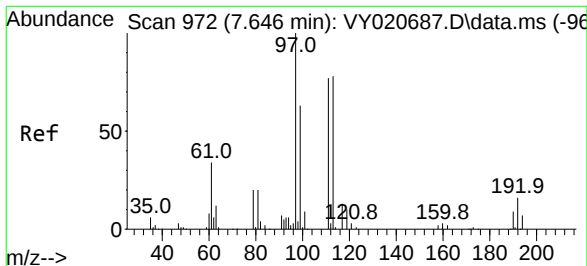
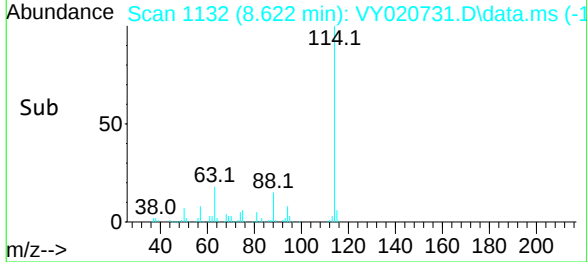
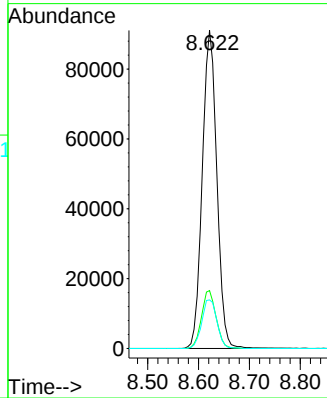
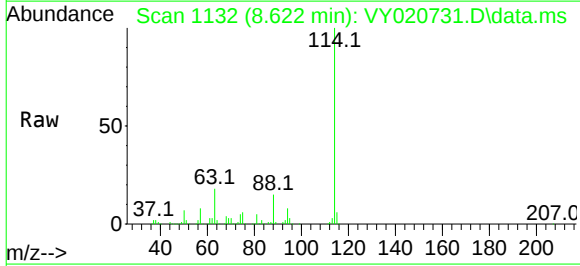




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

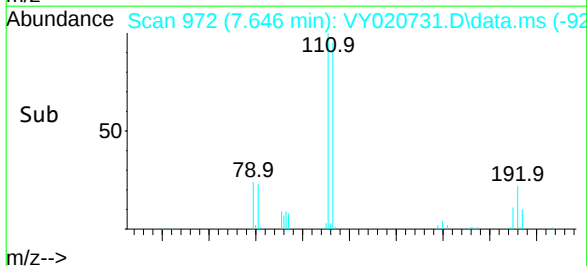
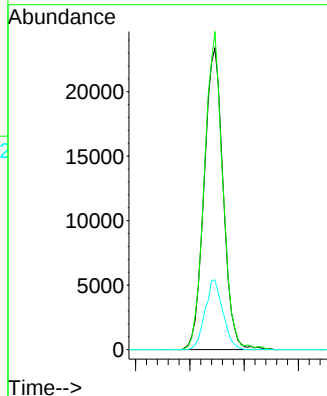
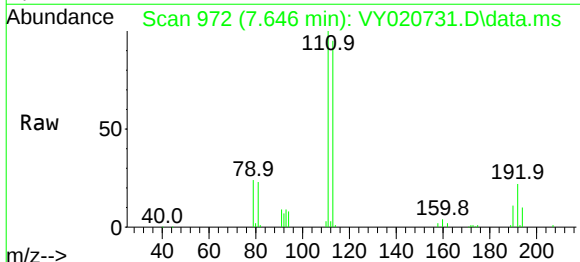
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

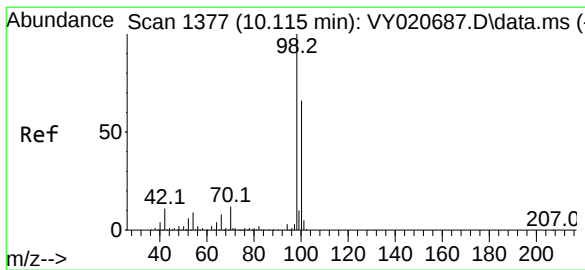
Tgt Ion:	114	Resp:	180909
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	15.3	0.0	30.4



#35
Dibromofluoromethane
Concen: 57.133 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.000 min
Lab File: VY020731.D
Acq: 27 Dec 2024 11:24

Tgt Ion:	113	Resp:	56931
Ion	Ratio	Lower	Upper
113	100		
111	101.7	79.8	119.8
192	21.7	17.0	25.6





#50

Toluene-d8

Concen: 53.270 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020731.D

Acq: 27 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

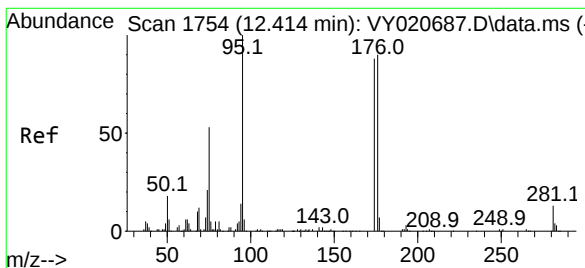
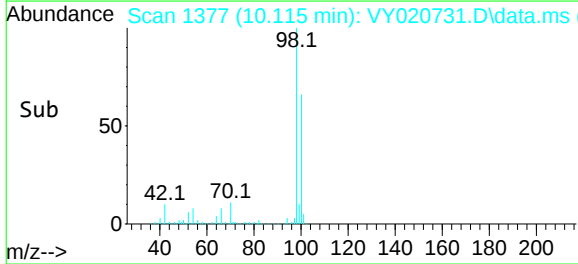
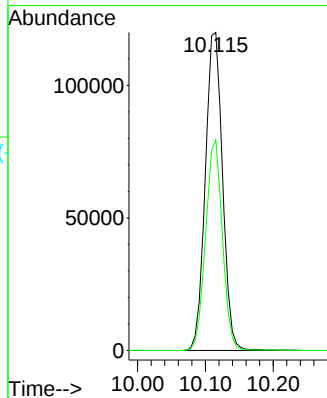
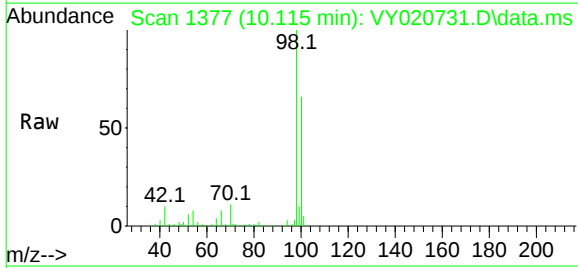
VY1227SBL01

Tgt Ion: 98 Resp: 211551

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 48.267 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020731.D

Acq: 27 Dec 2024 11:24

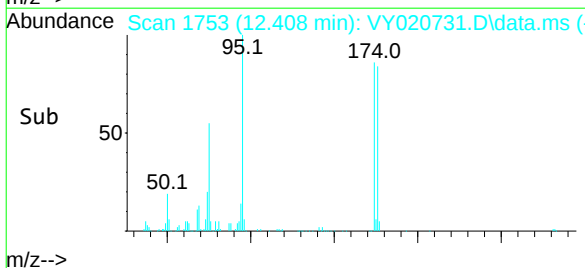
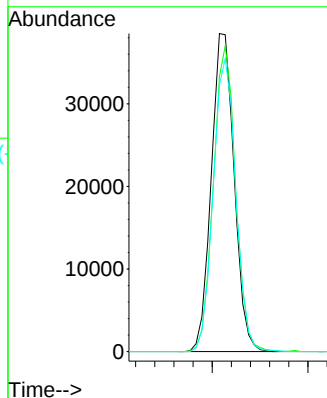
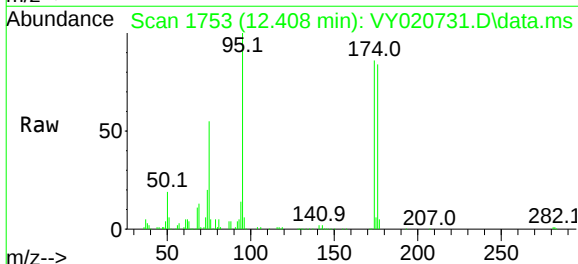
Tgt Ion: 95 Resp: 63919

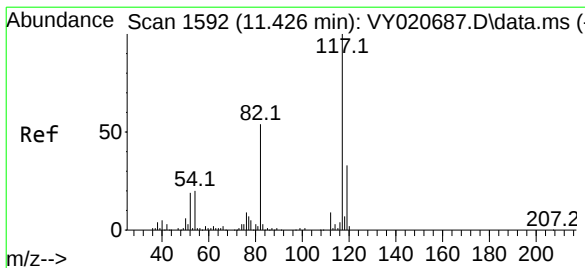
Ion Ratio Lower Upper

95 100

174 93.1 0.0 179.2

176 90.8 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: VY020731.D

Acq: 27 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBL01

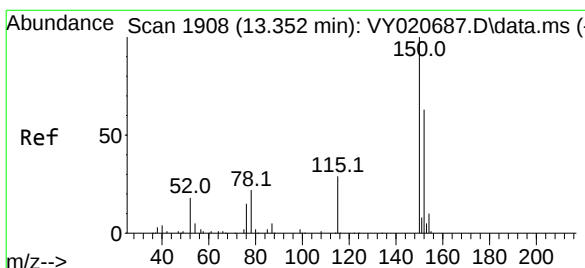
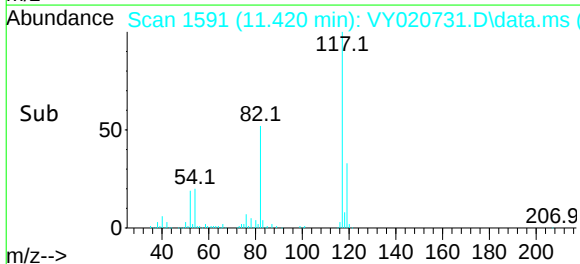
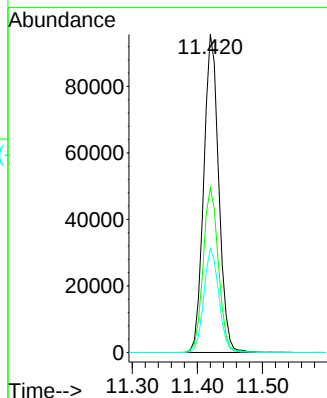
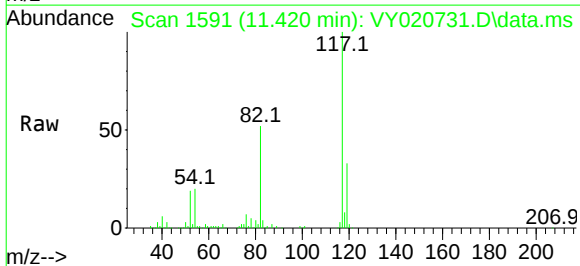
Tgt Ion:117 Resp: 153112

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.2

119 32.7 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: VY020731.D

Acq: 27 Dec 2024 11:24

Tgt Ion:152 Resp: 62475

Ion Ratio Lower Upper

152 100

115 58.2 30.3 90.9

150 157.9 0.0 349.0

