

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020848.D
 Acq On : 17 Jan 2025 12:26
 Operator : SY/MD
 Sample : Q1118-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-1-16-2025

Quant Time: Jan 17 23:24:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	195637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	342704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	293504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	116598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	97083	58.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.760%
35) Dibromofluoromethane	7.640	113	108500	50.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.109	98	397698	53.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.408	95	122460	44.307	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.620%

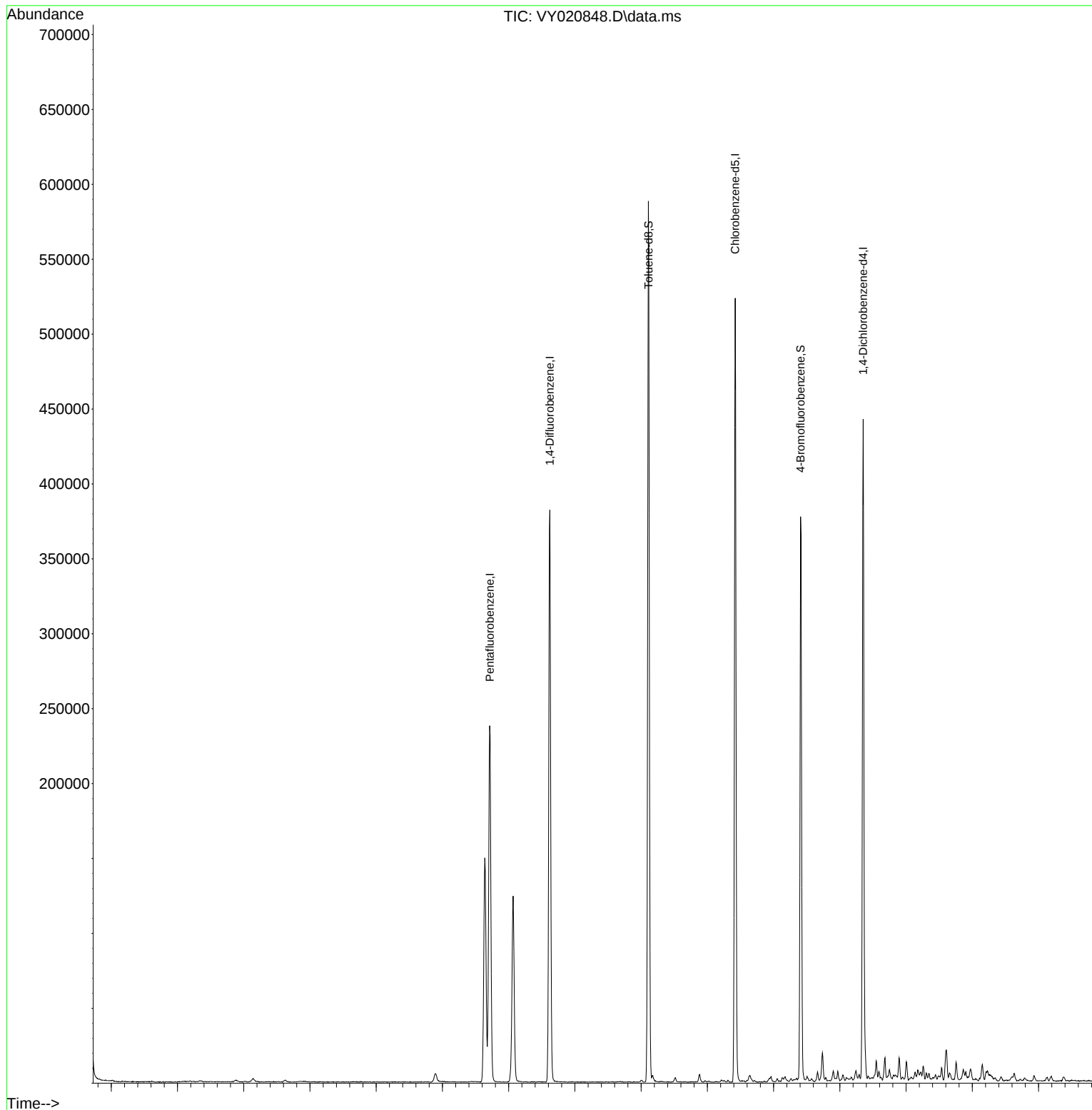
Target Compounds Qvalue

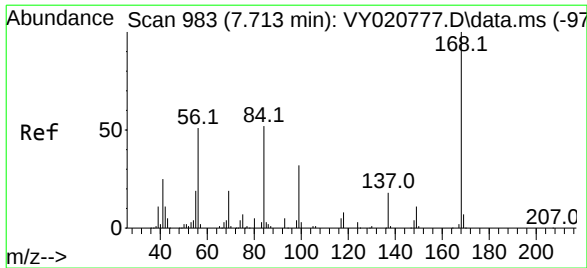
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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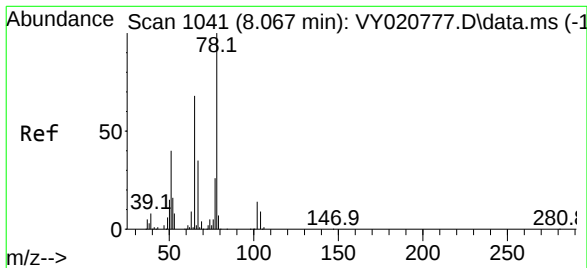
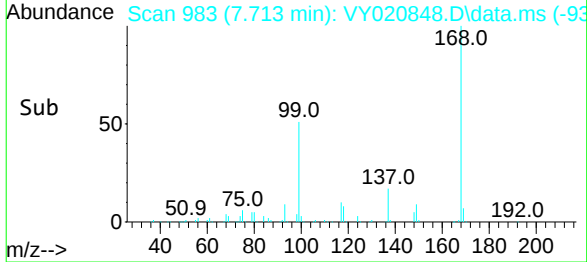
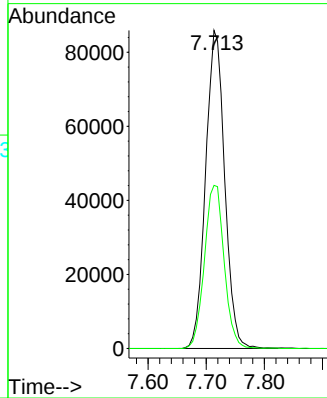
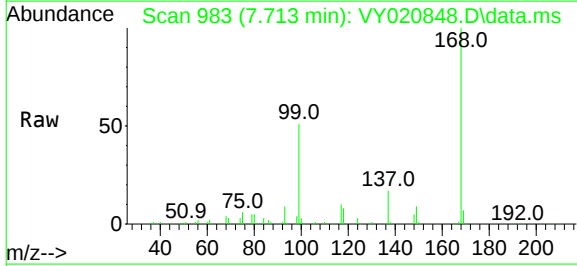




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

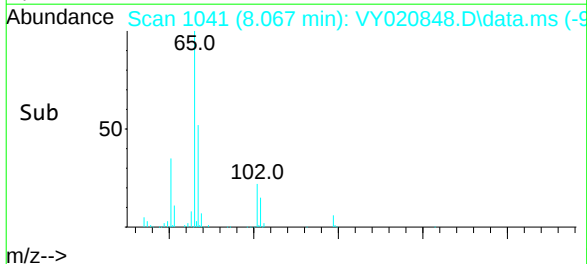
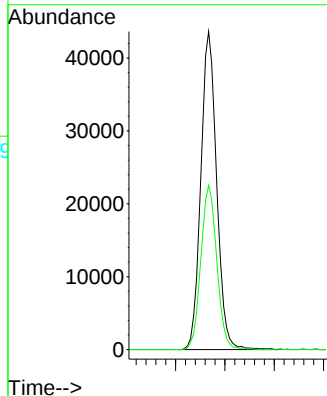
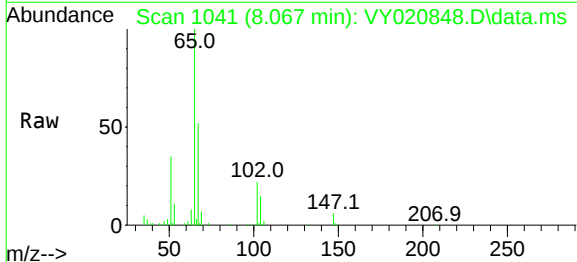
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-1-16-2025

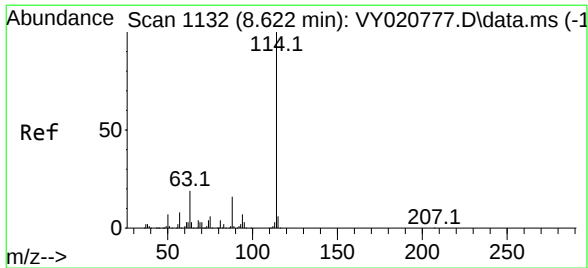
Tgt Ion:168 Resp: 195637
Ion Ratio Lower Upper
168 100
99 51.3 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 58.384 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

Tgt Ion: 65 Resp: 97083
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8

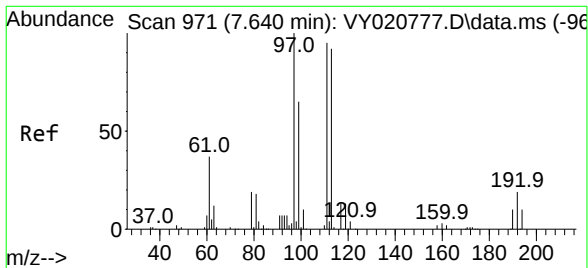
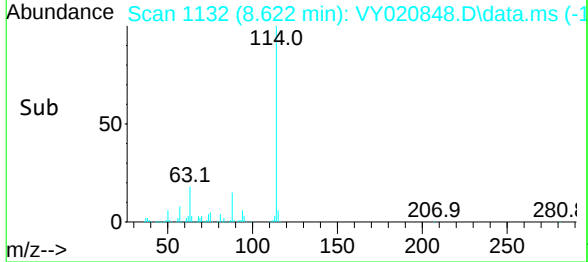
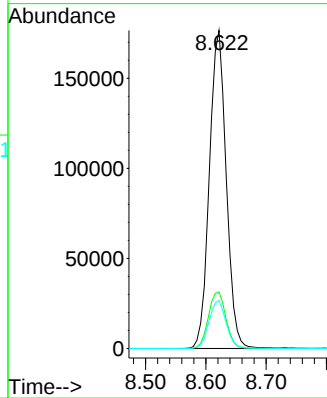
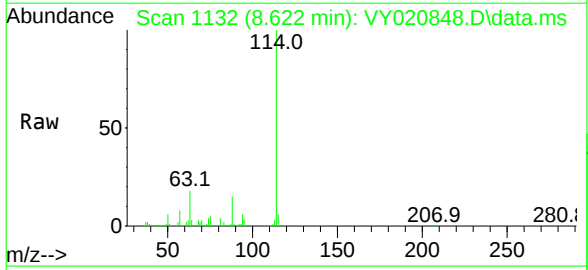




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

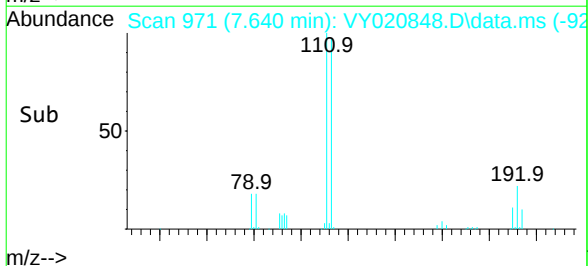
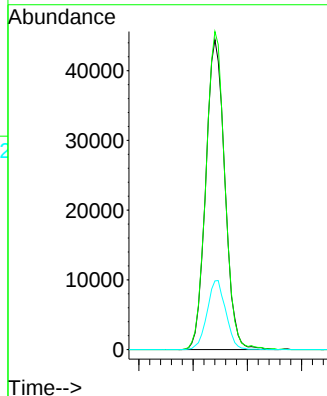
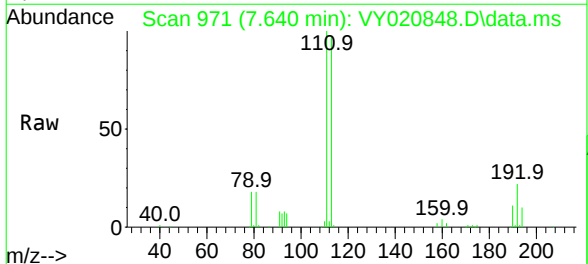
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-1-16-2025

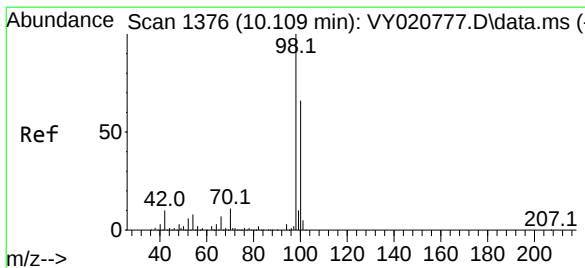
Tgt Ion:	114	Resp:	342704
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	38.4
88	15.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 50.535 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020848.D
Acq: 17 Jan 2025 12:26

Tgt Ion:	113	Resp:	108500
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	21.9	16.7	25.1





#50

Toluene-d8

Concen: 53.136 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020848.D

Acq: 17 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

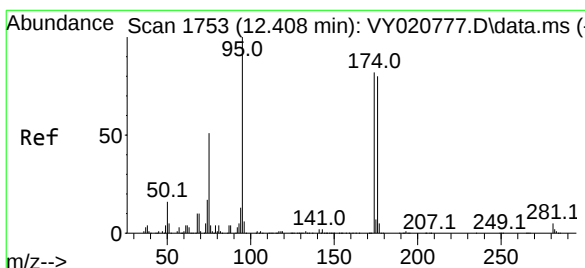
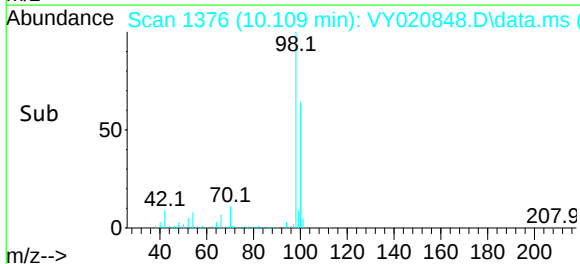
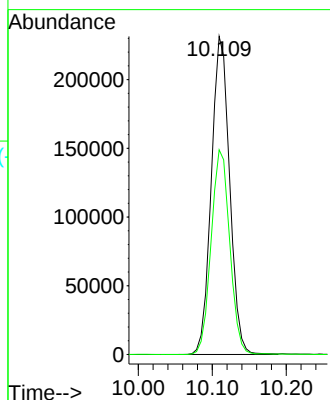
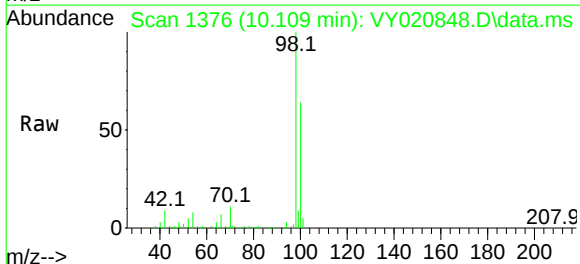
OK-01-1-16-2025

Tgt Ion: 98 Resp: 397698

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.307 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020848.D

Acq: 17 Jan 2025 12:26

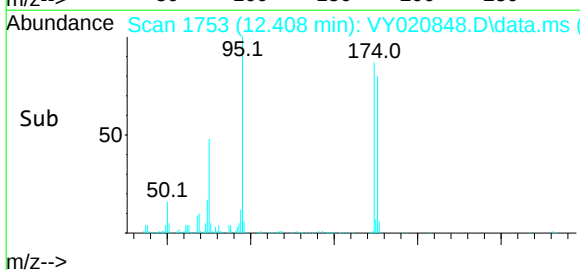
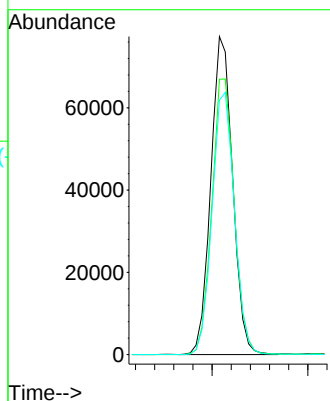
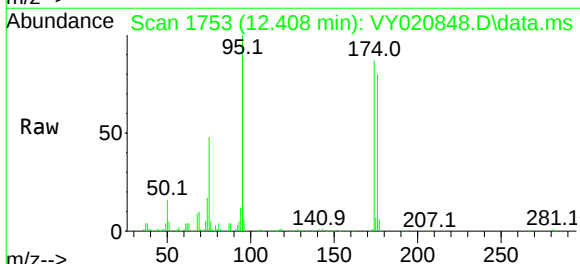
Tgt Ion: 95 Resp: 122460

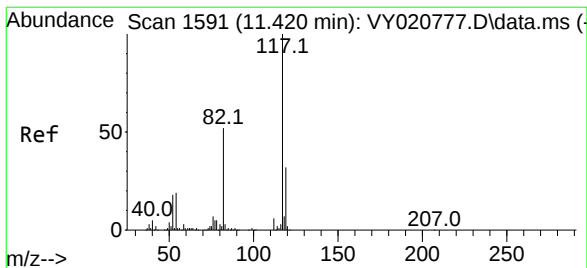
Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.0

176 84.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020848.D

Acq: 17 Jan 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-1-16-2025

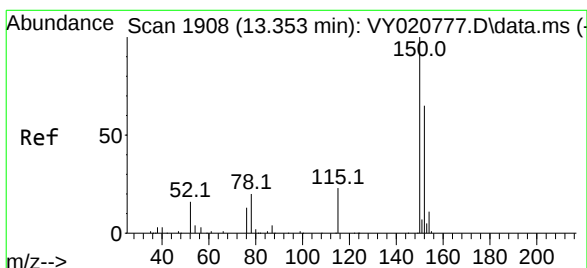
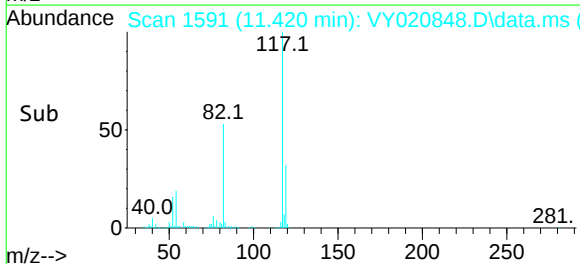
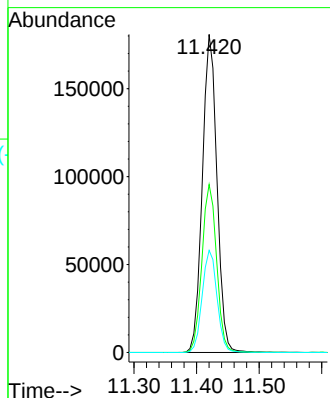
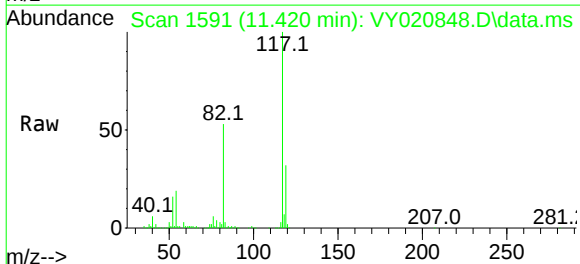
Tgt Ion:117 Resp: 293504

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

119 32.1 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: VY020848.D

Acq: 17 Jan 2025 12:26

Tgt Ion:152 Resp: 116598

Ion Ratio Lower Upper

152 100

115 57.5 29.0 87.0

150 155.9 0.0 347.4

