

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020843.D
 Acq On : 17 Jan 2025 09:58
 Operator : SY/MD
 Sample : VY0117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

Quant Time: Jan 17 23:20:52 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	7.726	168	200062	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	345659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	287210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	106983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	96356	56.665	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.320%
35) Dibromofluoromethane	7.652	113	107623	49.698	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.122	98	398622	52.804	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.420	95	114764	41.167	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.340%

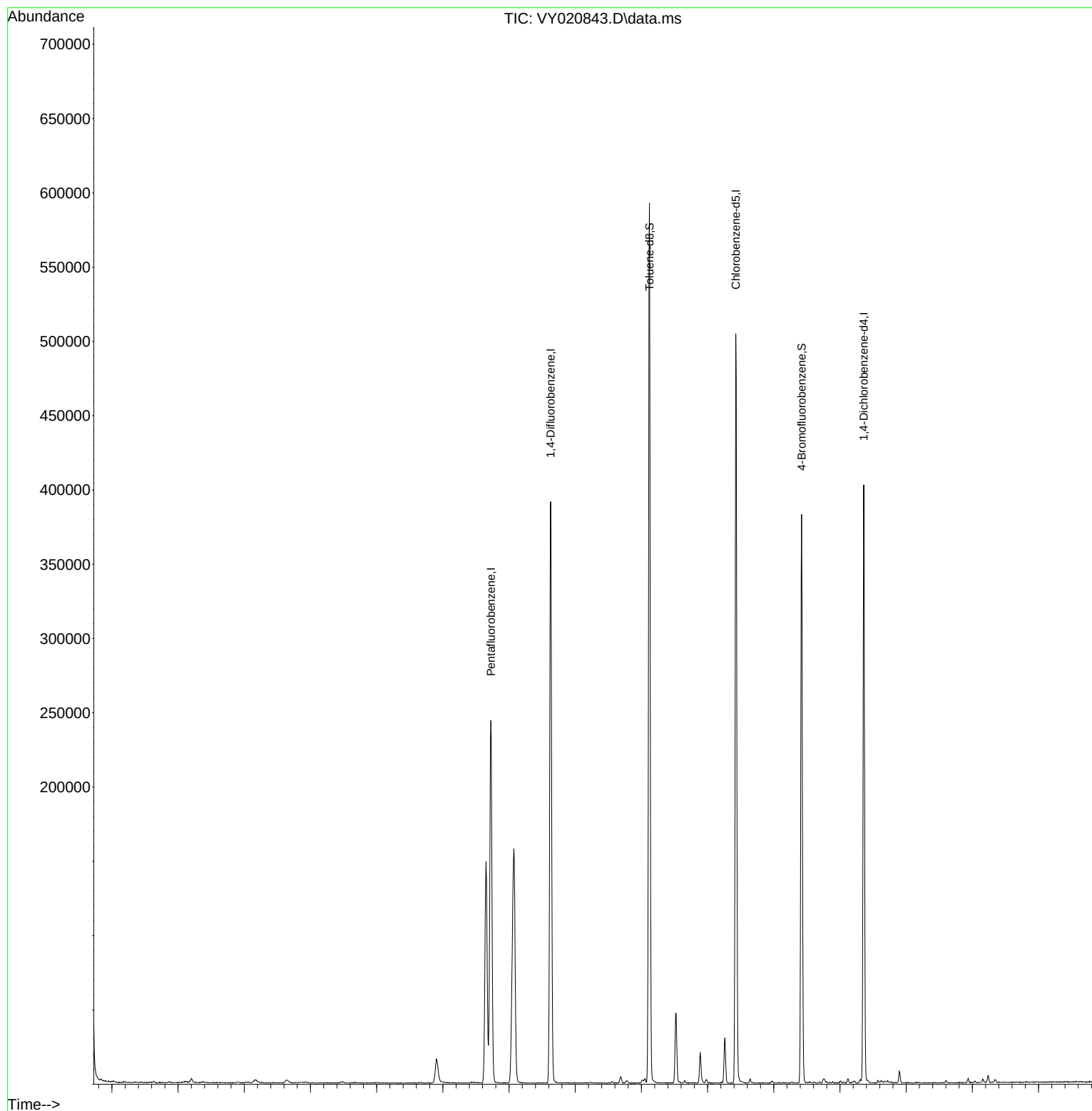
Target Compounds Qvalue

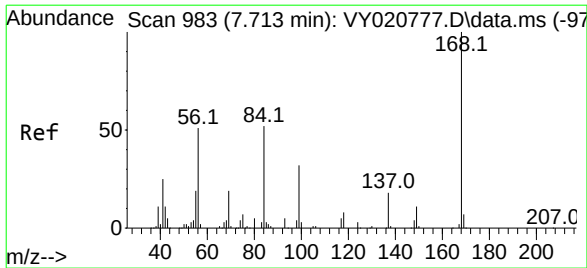
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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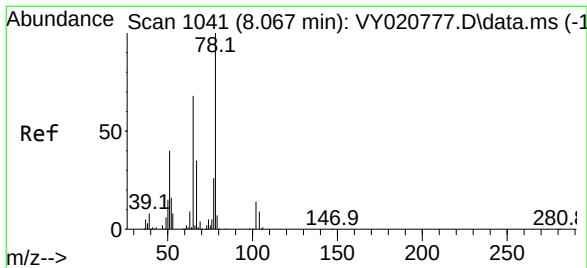
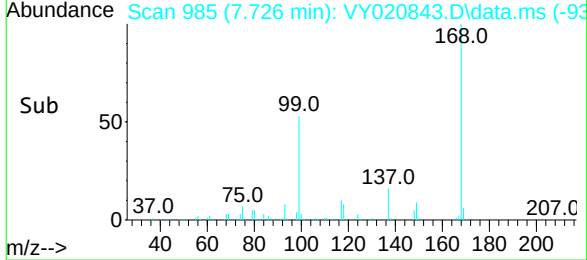
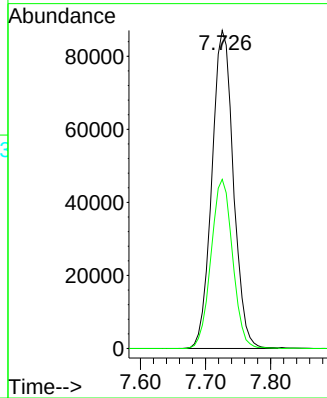
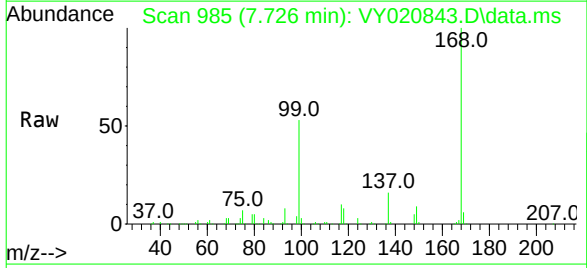




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

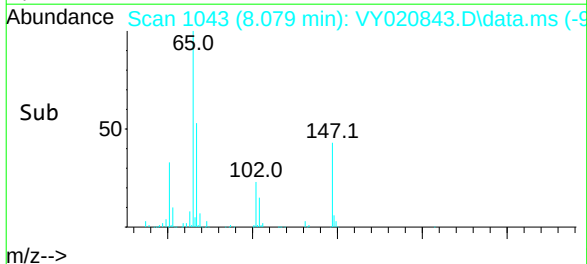
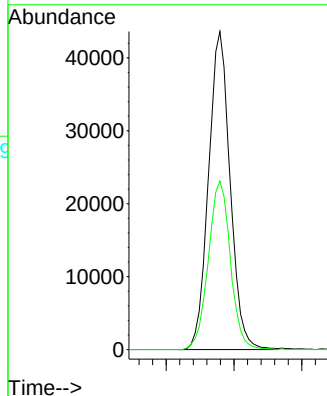
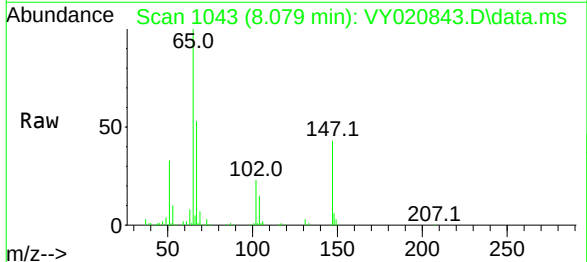
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

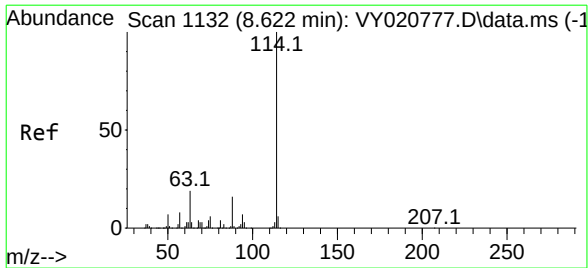
Tgt Ion:168 Resp: 200062
Ion Ratio Lower Upper
168 100
99 53.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 56.665 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

Tgt Ion: 65 Resp: 96356
Ion Ratio Lower Upper
65 100
67 54.2 0.0 102.8

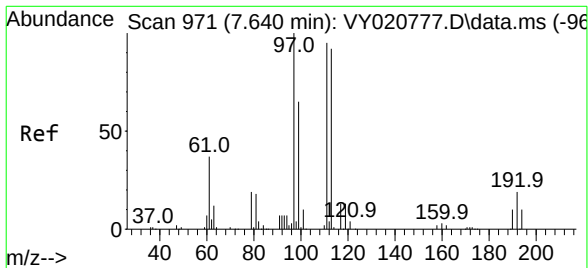
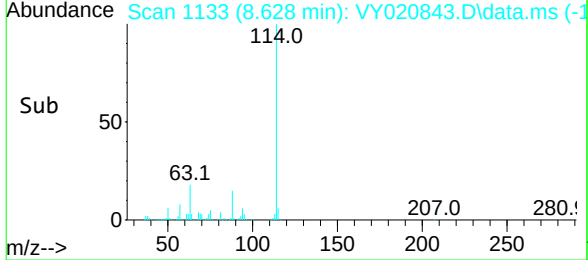
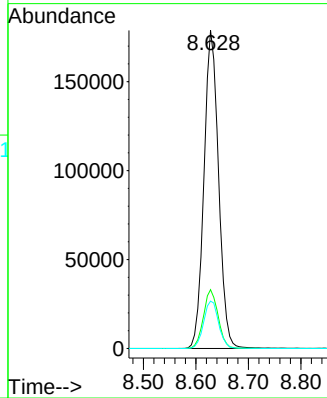
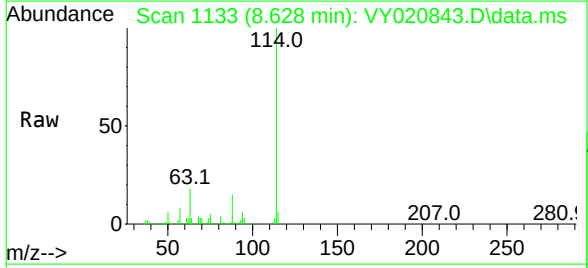




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

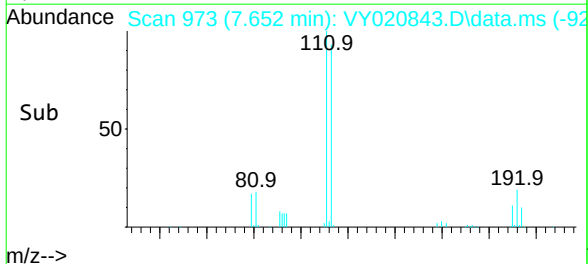
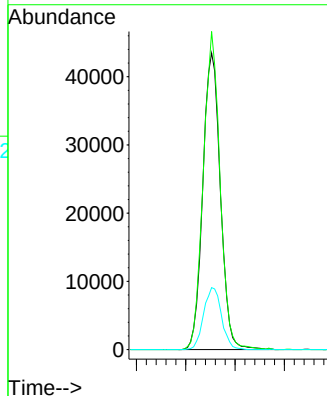
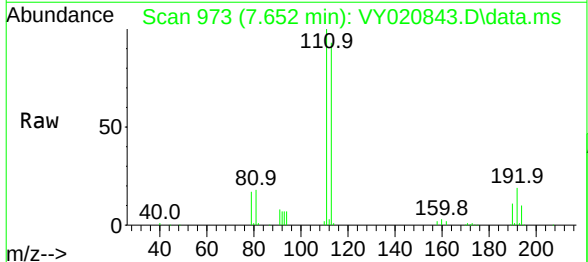
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

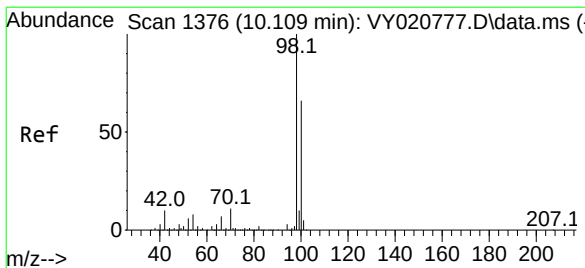
Tgt Ion:	114	Resp:	345659
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.4
88	14.9	0.0	31.2



#35
Dibromofluoromethane
Concen: 49.698 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.012 min
Lab File: VY020843.D
Acq: 17 Jan 2025 09:58

Tgt Ion:	113	Resp:	107623
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	21.2	16.7	25.1





#50

Toluene-d8

Concen: 52.804 ug/l

RT: 10.122 min Scan# 13

Delta R.T. 0.012 min

Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

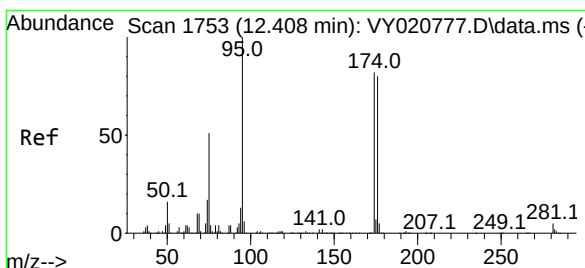
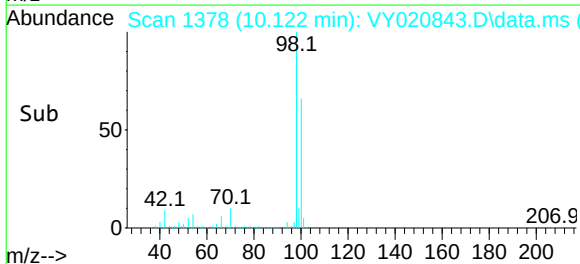
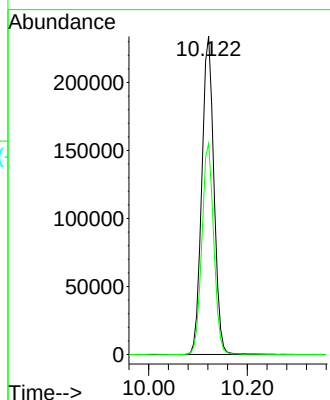
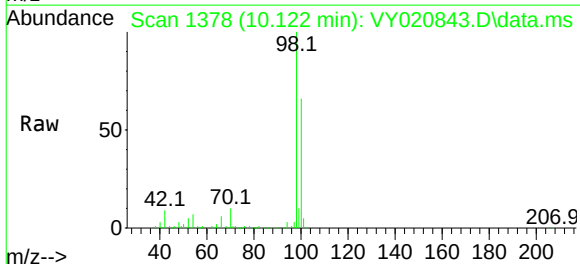
VY0117SBL01

Tgt Ion: 98 Resp: 398622

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.167 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

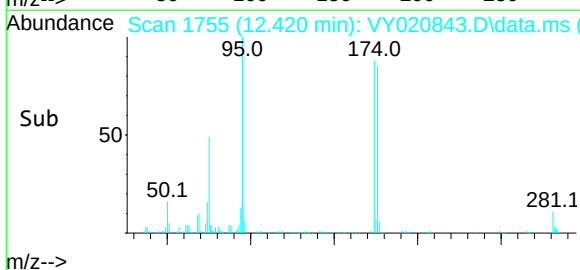
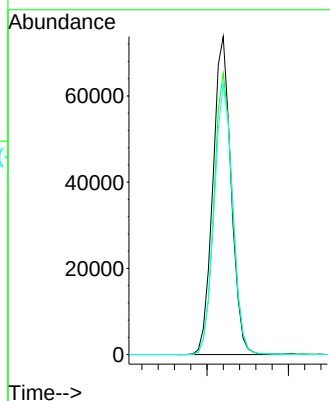
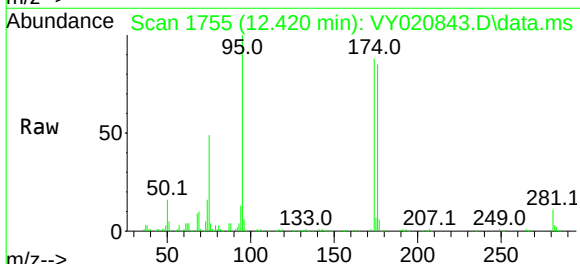
Tgt Ion: 95 Resp: 114764

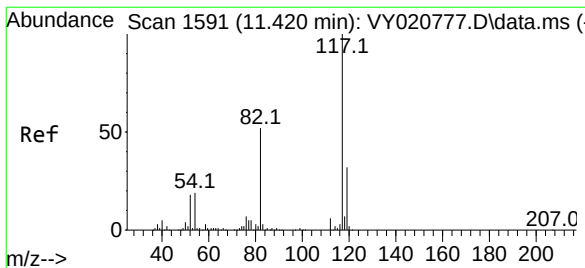
Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.0

176 86.4 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBL01

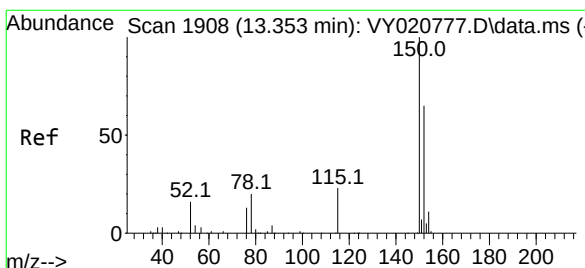
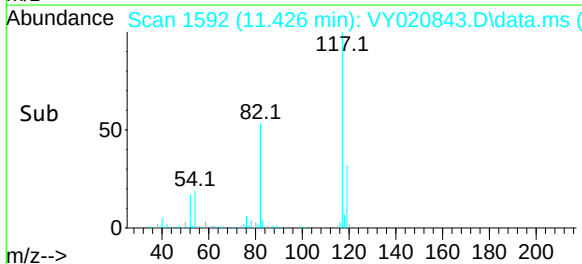
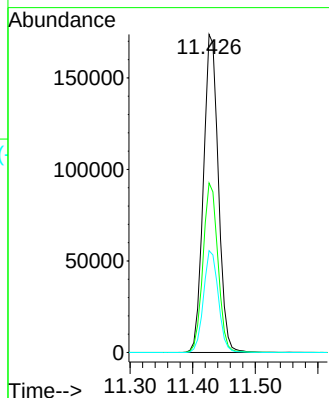
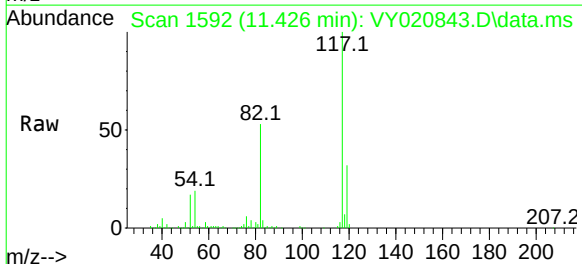
Tgt Ion:117 Resp: 287210

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.6

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020843.D

Acq: 17 Jan 2025 09:58

Tgt Ion:152 Resp: 106983

Ion Ratio Lower Upper

152 100

115 56.6 29.0 87.0

150 155.5 0.0 347.4

