

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020086.D
 Acq On : 31 Oct 2024 11:55
 Operator : SY/MD
 Sample : VY1031SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBL01

Quant Time: Nov 01 03:44:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	266060	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	487691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	402156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165838	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163359	49.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.640	113	148468	47.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.109	98	574901	46.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.408	95	174041	43.413	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.820%

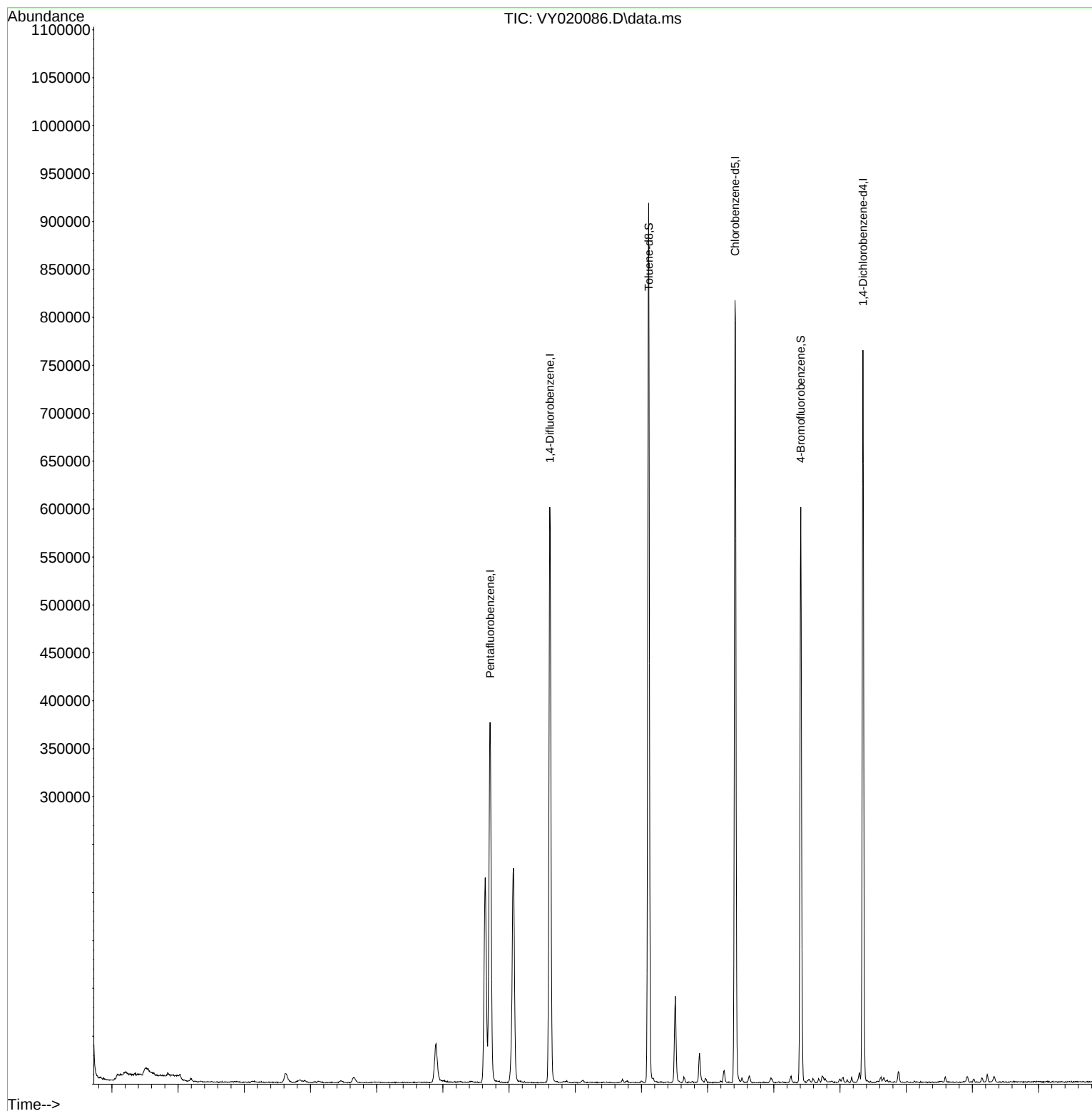
Target Compounds	Qvalue

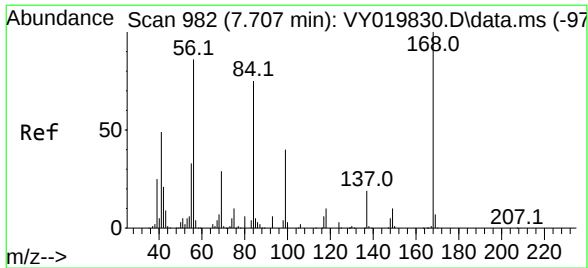
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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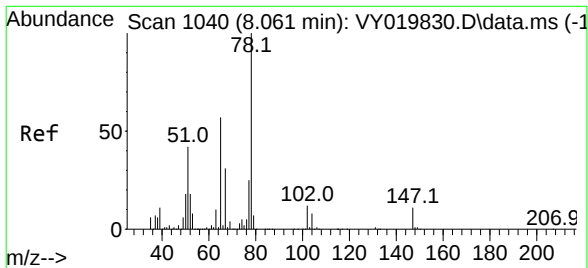
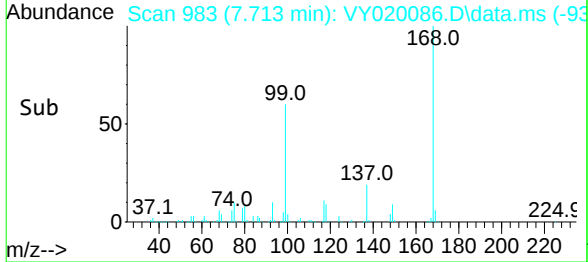
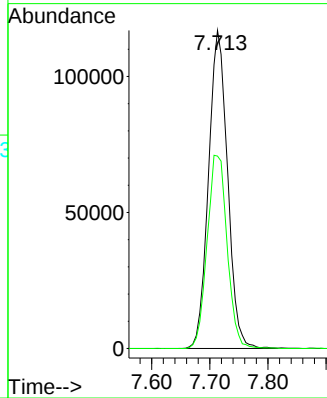
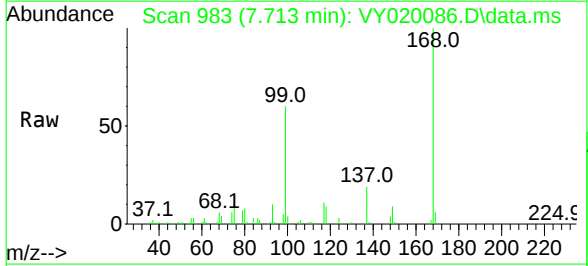




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

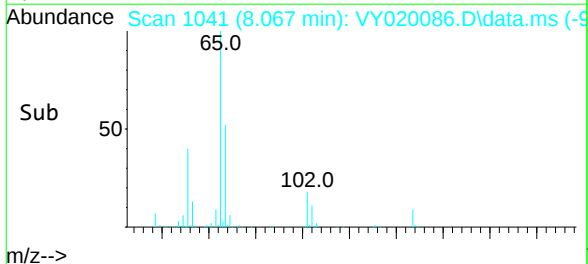
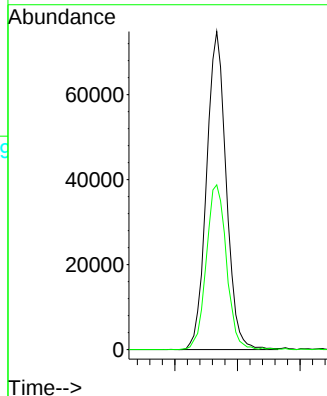
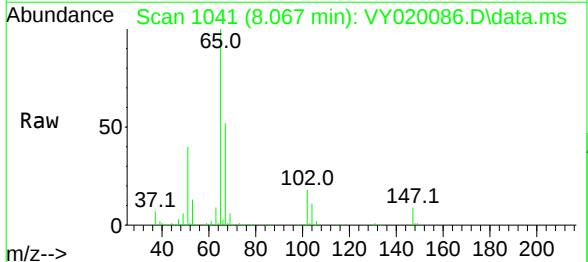
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBL01

Tgt Ion:168 Resp: 266060
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 49.196 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Tgt Ion: 65 Resp: 163359
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

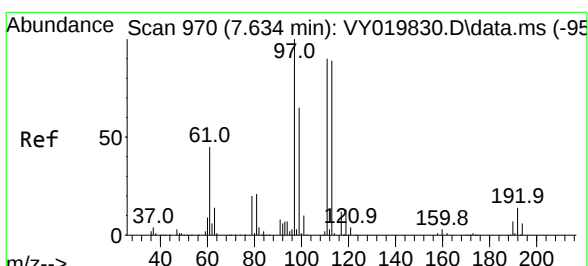
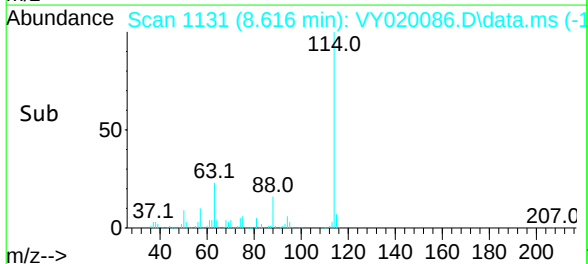
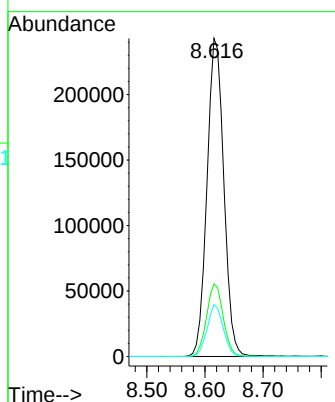
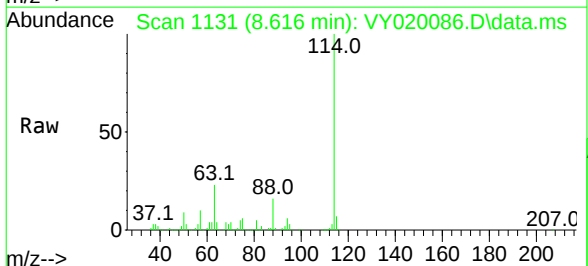




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020086.D
 Acq: 31 Oct 2024 11:55

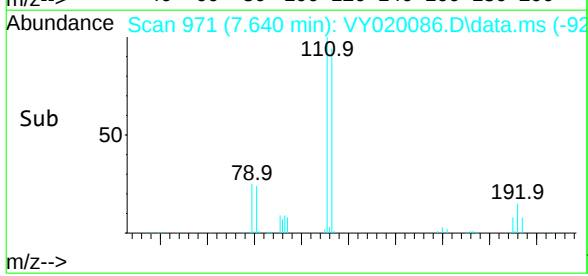
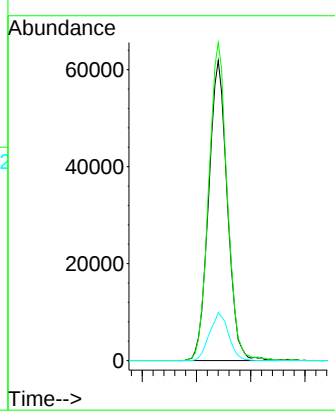
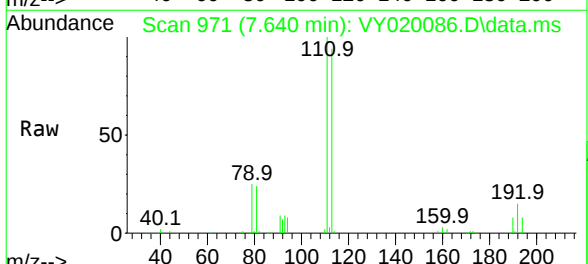
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBL01

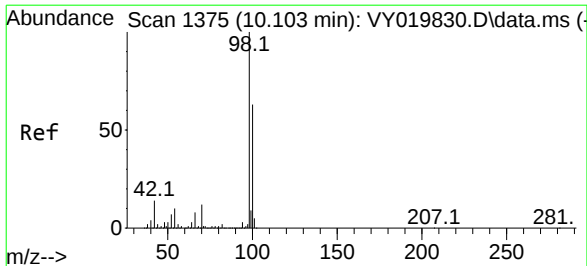
Tgt Ion:	114	Resp:	487691
Ion Ratio	Lower	Upper	
114	100		
63	22.8	0.0	35.0
88	16.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 47.882 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020086.D
 Acq: 31 Oct 2024 11:55

Tgt Ion:	113	Resp:	148468
Ion Ratio	Lower	Upper	
113	100		
111	105.1	82.2	123.4
192	16.2	15.9	23.9





#50

Toluene-d8

Concen: 46.580 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020086.D

Acq: 31 Oct 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

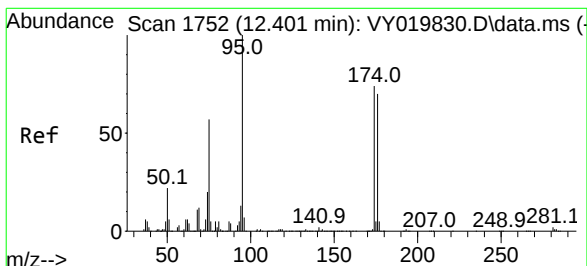
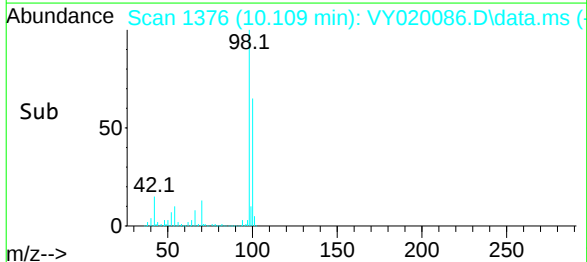
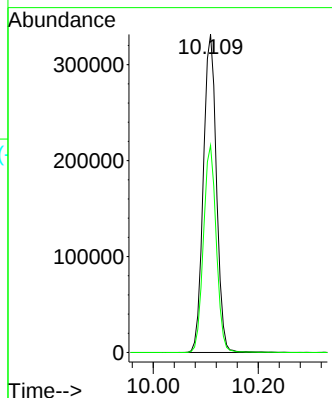
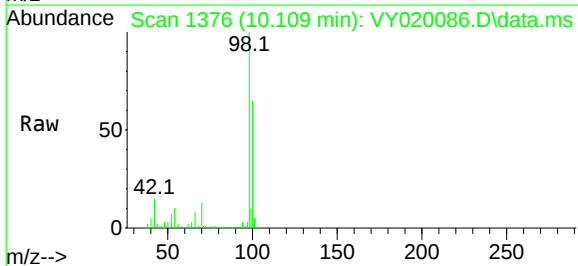
VY1031SBL01

Tgt Ion: 98 Resp: 574901

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.413 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020086.D

Acq: 31 Oct 2024 11:55

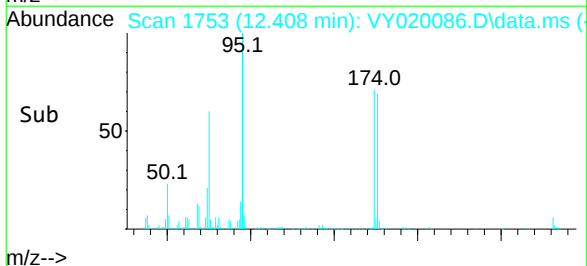
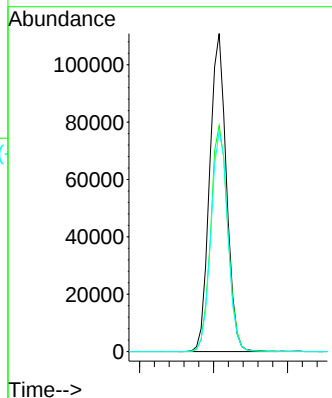
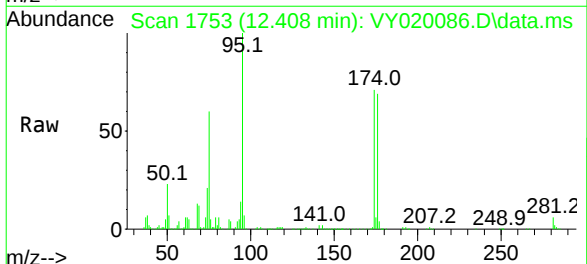
Tgt Ion: 95 Resp: 174041

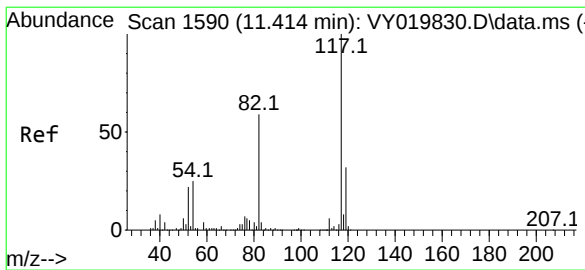
Ion Ratio Lower Upper

95 100

174 72.4 0.0 175.6

176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020086.D

Acq: 31 Oct 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBL01

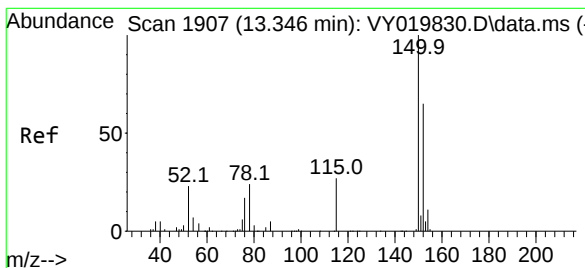
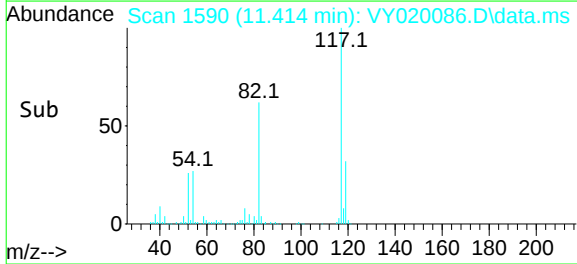
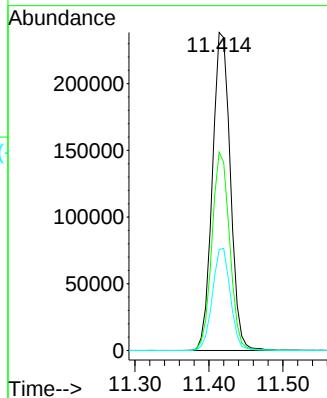
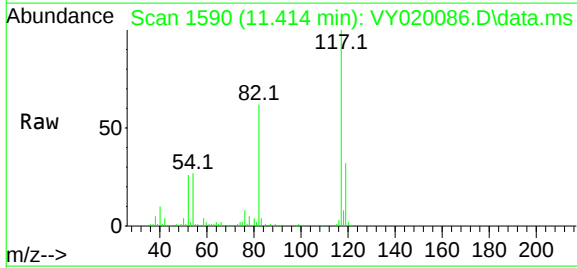
Tgt Ion:117 Resp: 402156

Ion Ratio Lower Upper

117 100

82 62.4 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020086.D

Acq: 31 Oct 2024 11:55

Tgt Ion:152 Resp: 165838

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.6 0.0 345.6

