

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020097.D
 Acq On : 31 Oct 2024 16:12
 Operator : SY/MD
 Sample : P4617-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-SOIL

Quant Time: Nov 01 03:48:53 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	7.707	168	116441	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	244162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	230995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	84831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95282	65.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.120%	
35) Dibromofluoromethane	7.634	113	84285	54.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.580%	
50) Toluene-d8	10.103	98	304891	49.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	12.402	95	96079	47.870	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.740%	

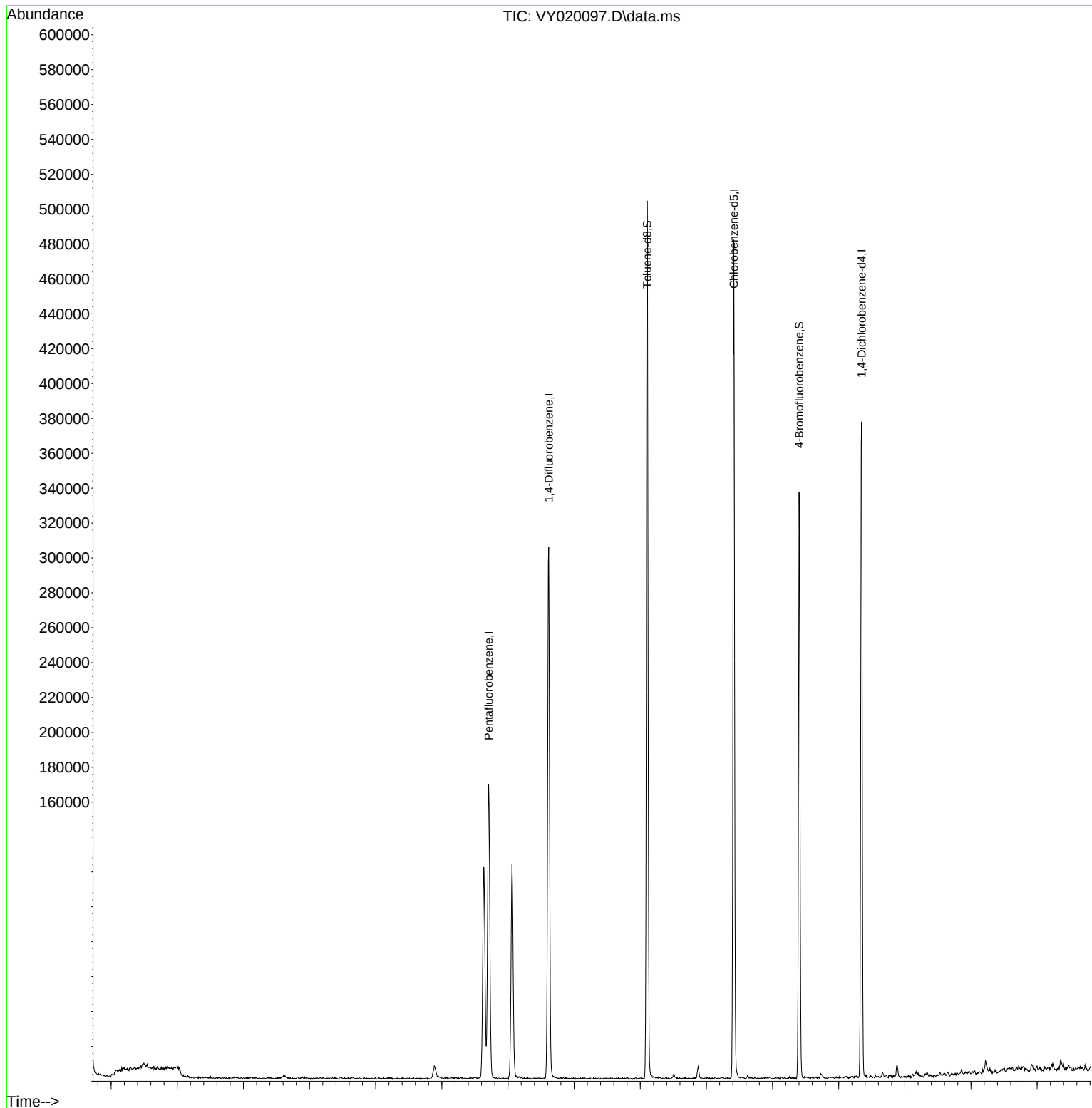
Target Compounds Qvalue

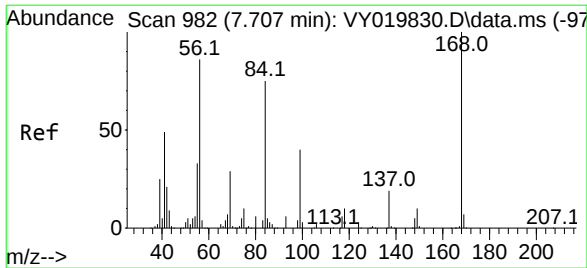
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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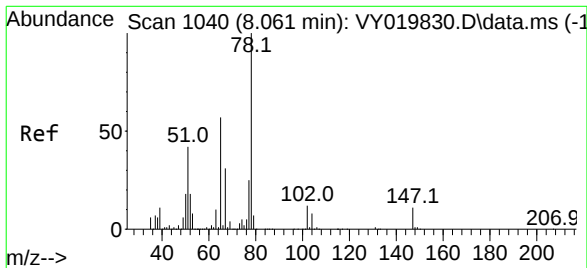
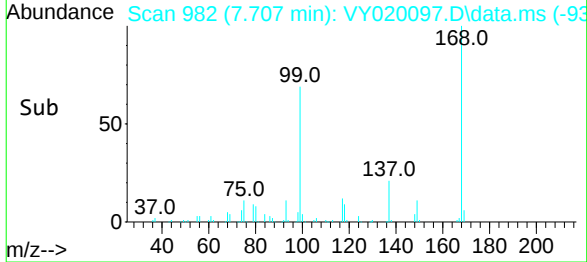
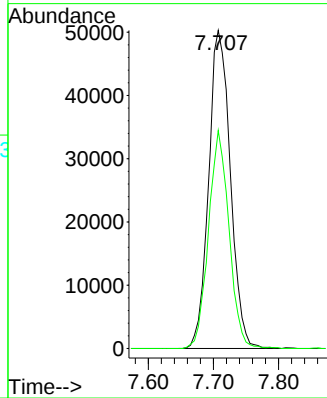
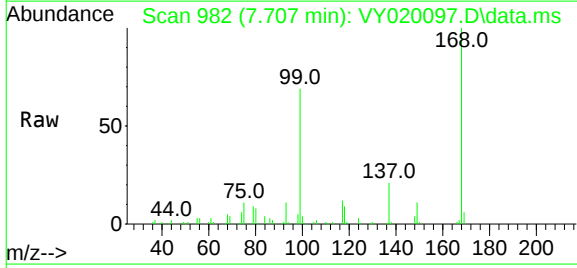




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

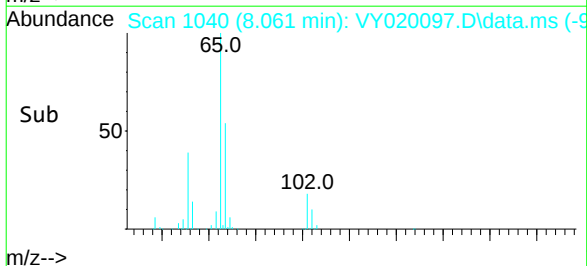
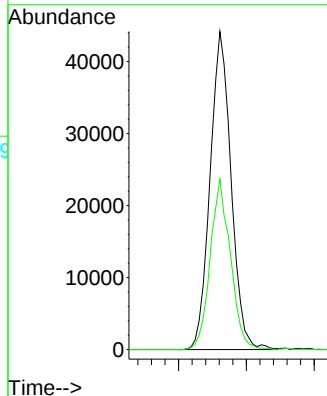
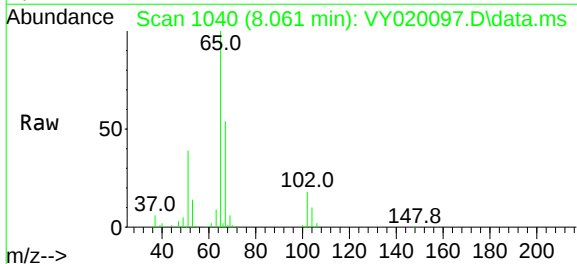
Instrument :
MSVOA_Y
ClientSampleId :
RO-SOIL

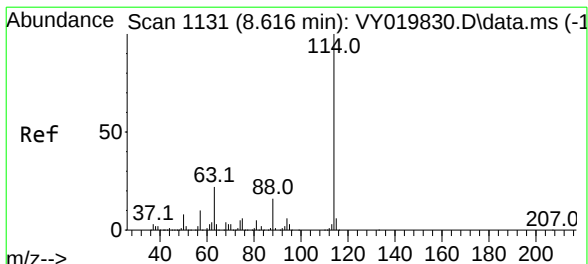
Tgt Ion:168 Resp: 116441
Ion Ratio Lower Upper
168 100
99 68.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.564 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020097.D
Acq: 31 Oct 2024 16:12

Tgt Ion: 65 Resp: 95282
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

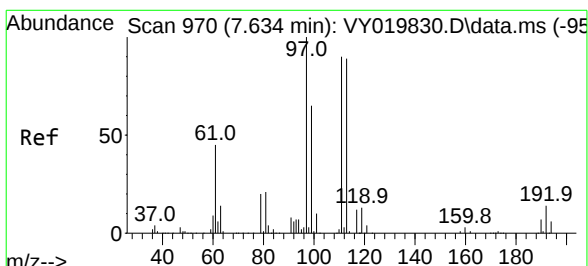
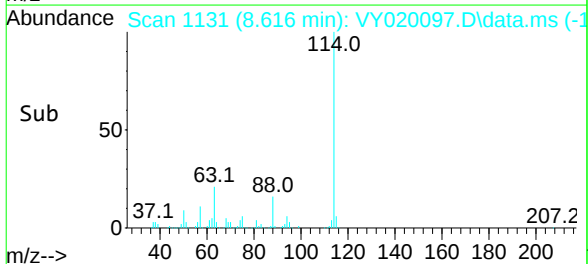
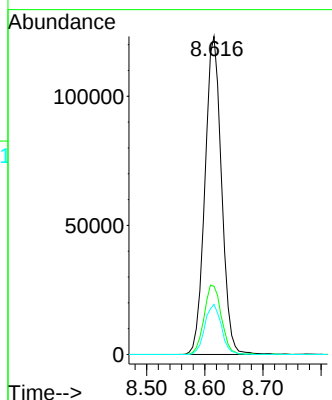
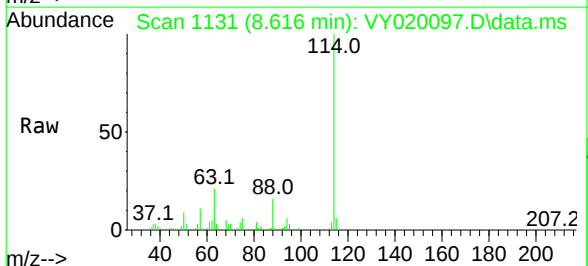




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020097.D
 Acq: 31 Oct 2024 16:12

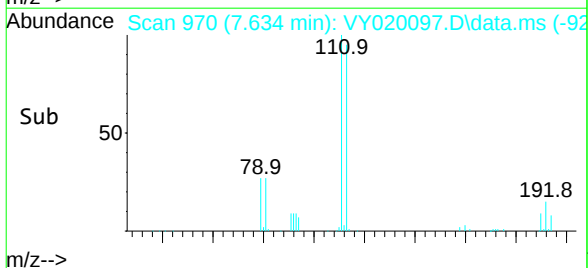
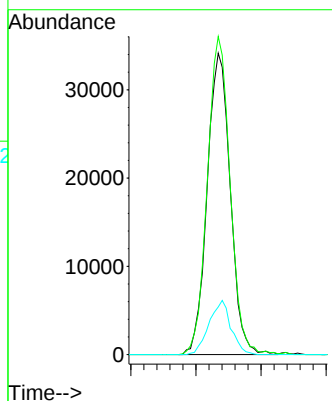
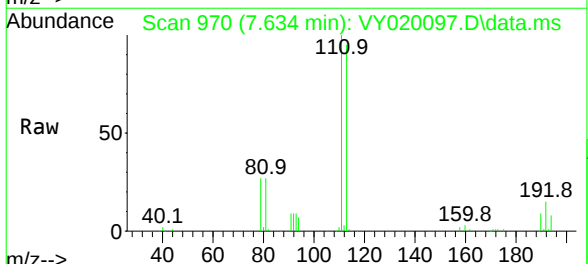
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-SOIL

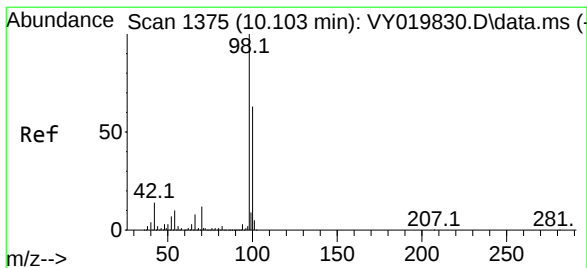
Tgt Ion:	114	Resp:	244162
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.0
88	15.7	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 54.294 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020097.D
 Acq: 31 Oct 2024 16:12

Tgt Ion:	113	Resp:	84285
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	17.1	15.9	23.9





#50

Toluene-d8

Concen: 49.342 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020097.D

Acq: 31 Oct 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

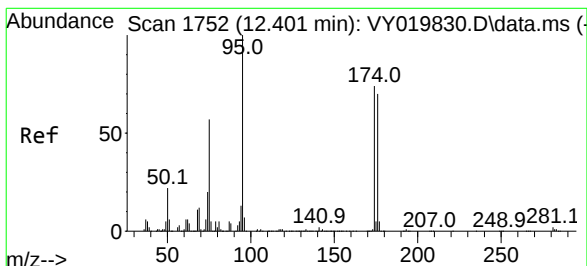
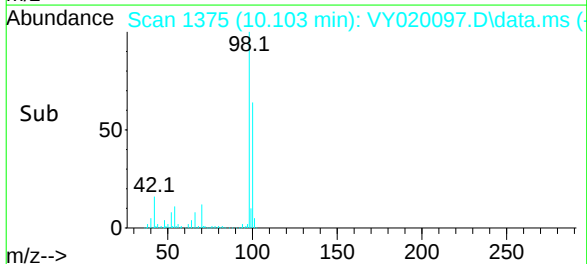
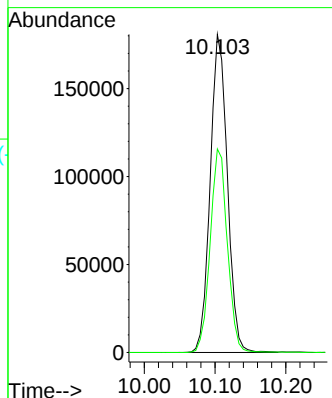
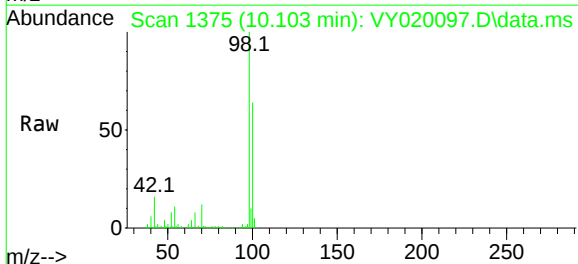
RO-SOIL

Tgt Ion: 98 Resp: 304891

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.870 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020097.D

Acq: 31 Oct 2024 16:12

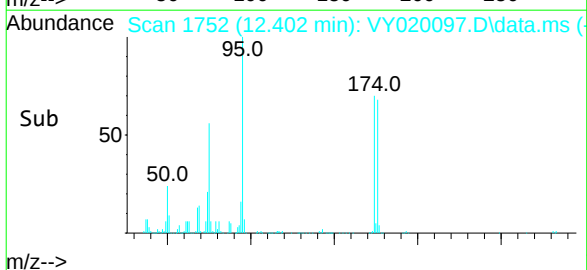
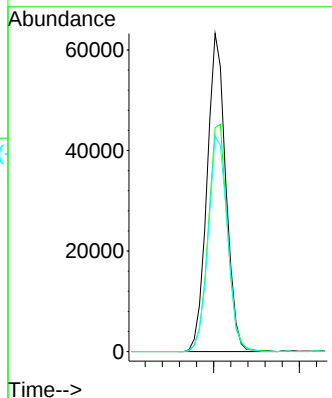
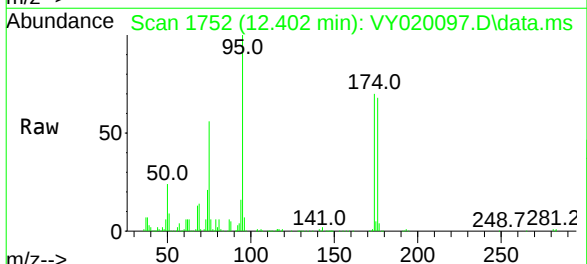
Tgt Ion: 95 Resp: 96079

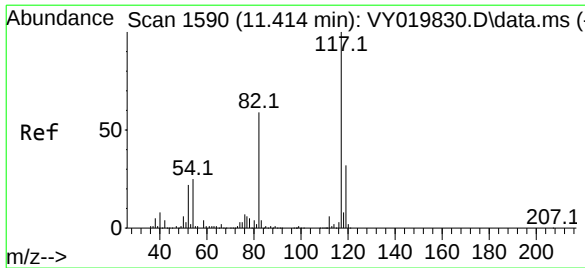
Ion Ratio Lower Upper

95 100

174 72.9 0.0 175.6

176 69.8 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: VY020097.D

Acq: 31 Oct 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

RO-SOIL

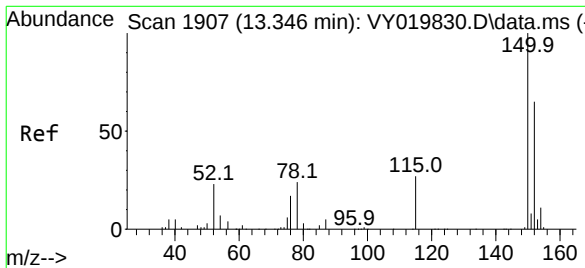
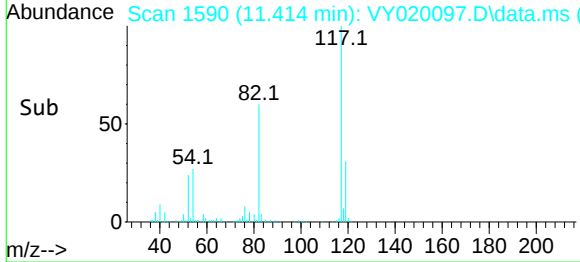
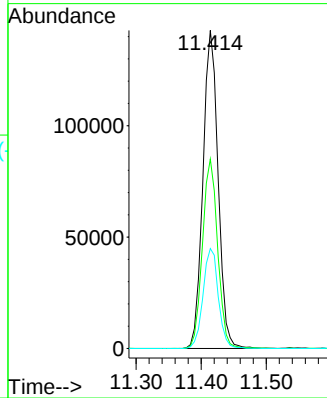
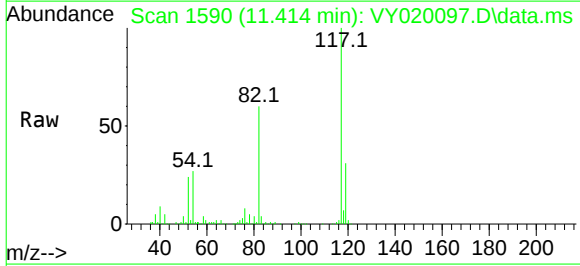
Tgt Ion:117 Resp: 230995

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020097.D

Acq: 31 Oct 2024 16:12

Tgt Ion:152 Resp: 84831

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 157.4 0.0 345.6

