

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020163.D
 Acq On : 05 Nov 2024 13:45
 Operator : SY/MD
 Sample : P4694-03
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Z-03A-VOC

Quant Time: Nov 06 00:25:09 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	154968	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	329345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	305987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118536	61.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.580%
35) Dibromofluoromethane	7.634	113	110115	52.587	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.109	98	408379	48.996	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.402	95	125628	46.403	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.800%

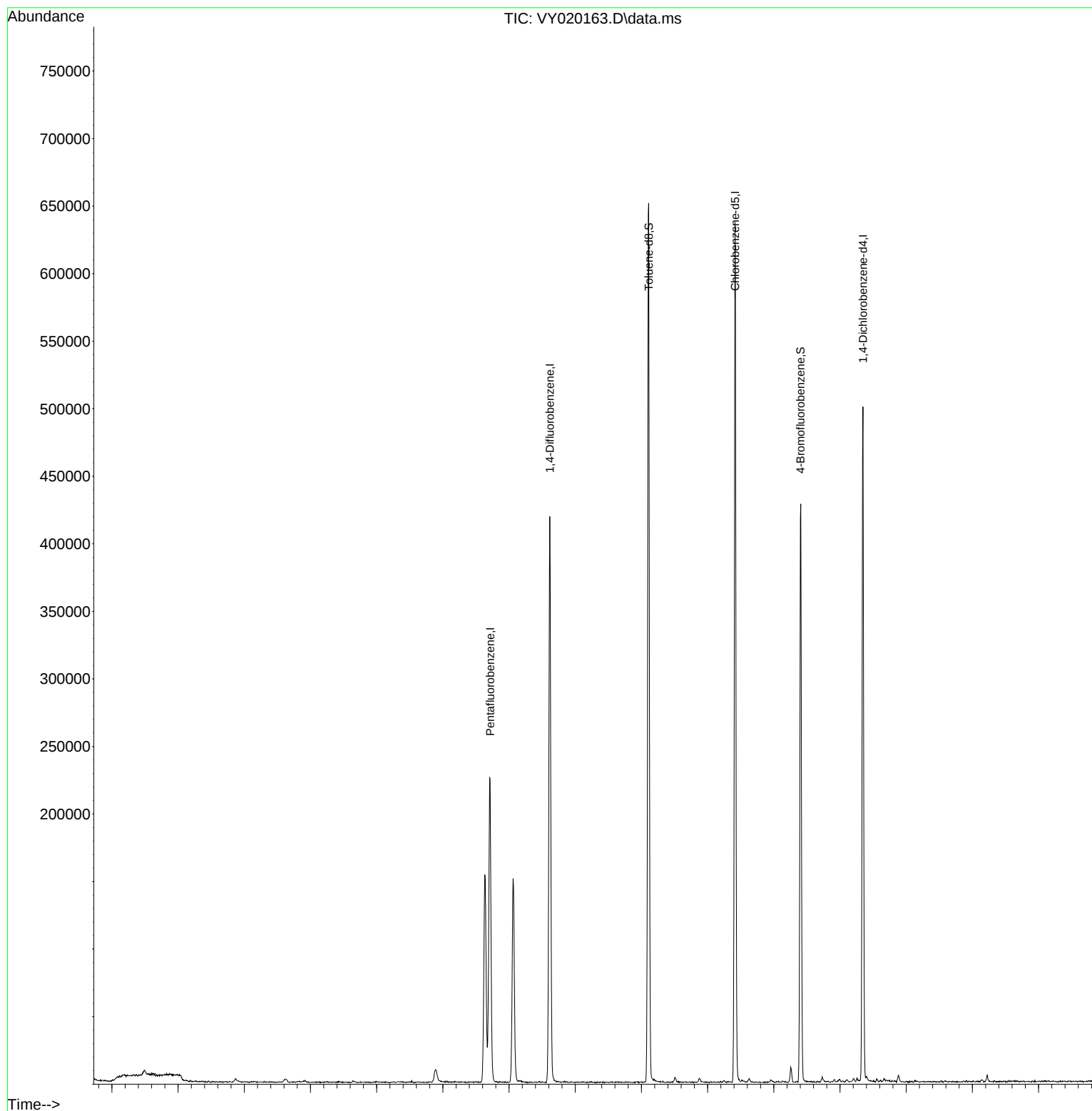
Target Compounds Qvalue

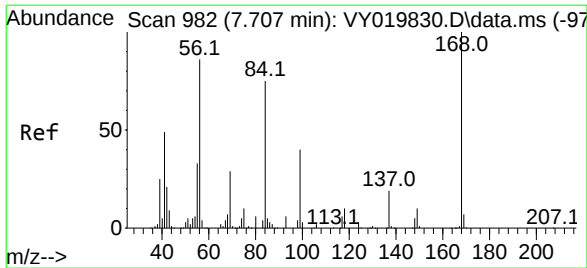
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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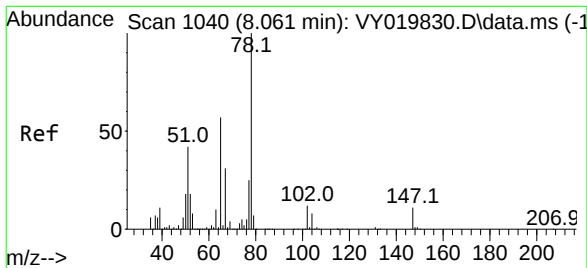
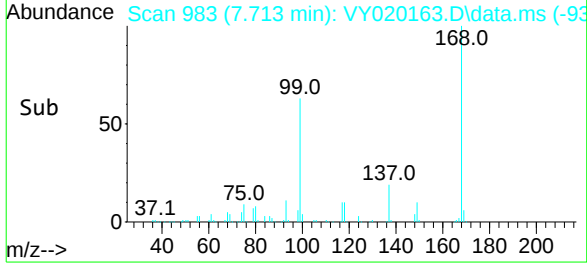
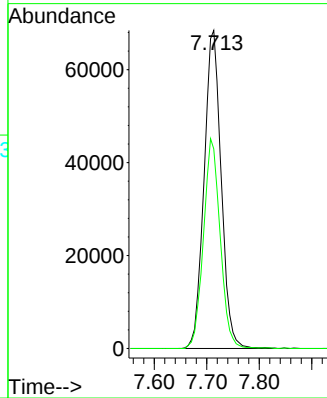
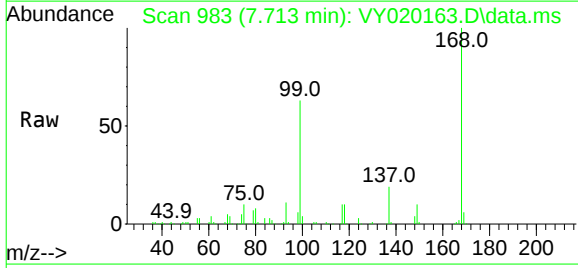




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020163.D
Acq: 05 Nov 2024 13:45

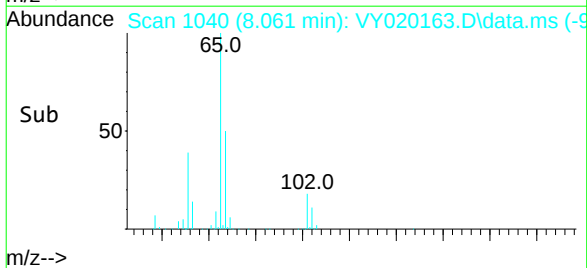
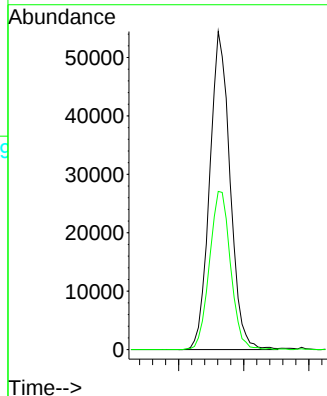
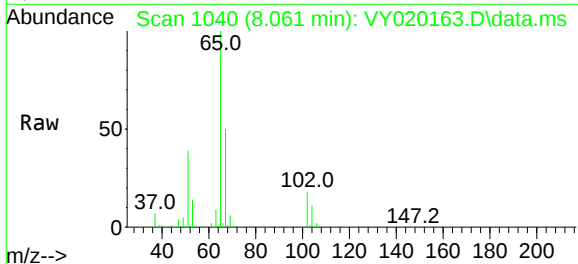
Instrument :
MSVOA_Y
ClientSampleId :
Z-03A-VOC

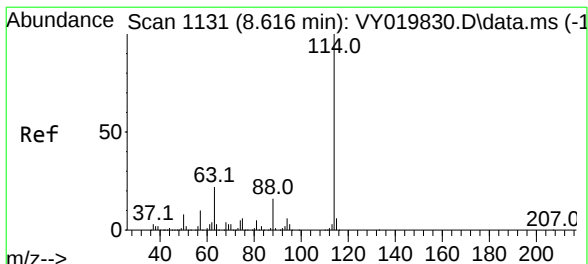
Tgt Ion:168 Resp: 154968
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.287 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020163.D
Acq: 05 Nov 2024 13:45

Tgt Ion: 65 Resp: 118536
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020163.D

Acq: 05 Nov 2024 13:45

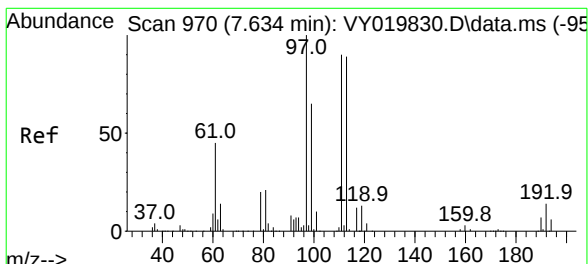
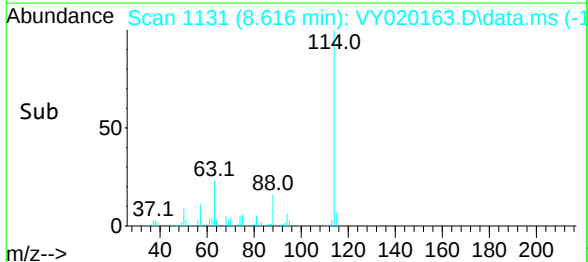
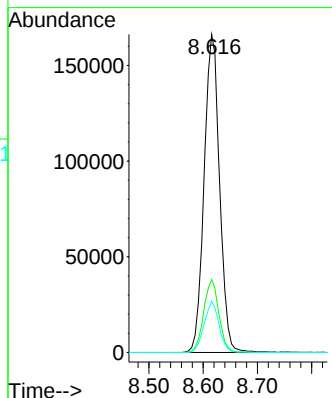
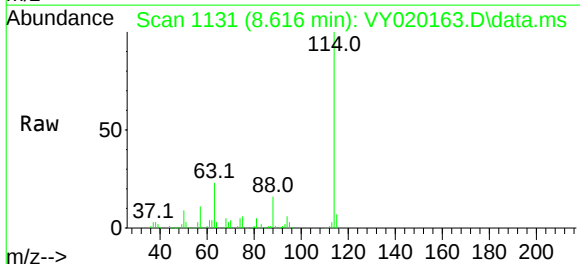
Instrument :

MSVOA_Y

ClientSampleId :

Z-03A-VOC

Tgt Ion:	114	Resp:	329345
Ion Ratio	Lower	Upper	
114	100		
63	22.9	0.0	35.0
88	16.1	0.0	27.2



#35

Dibromofluoromethane

Concen: 52.587 ug/l

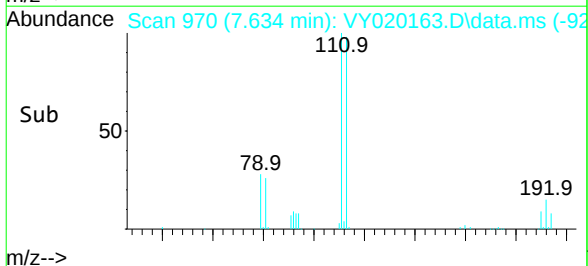
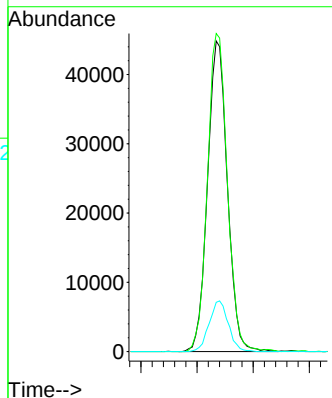
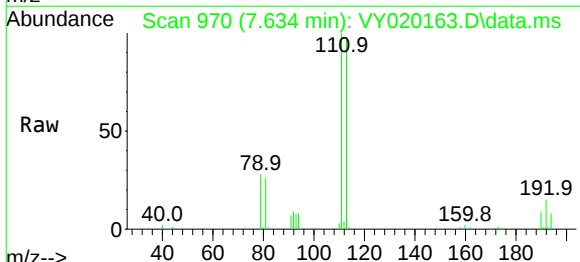
RT: 7.634 min Scan# 970

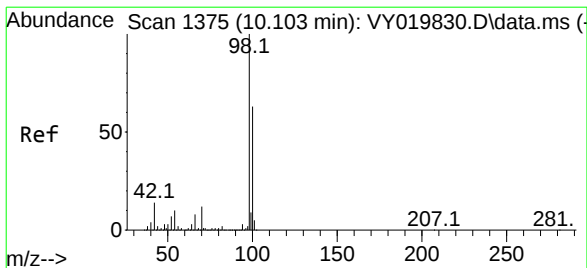
Delta R.T. 0.000 min

Lab File: VY020163.D

Acq: 05 Nov 2024 13:45

Tgt Ion:	113	Resp:	110115
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.4
192	15.8	15.9	23.9#





#50

Toluene-d8

Concen: 48.996 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020163.D

Acq: 05 Nov 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

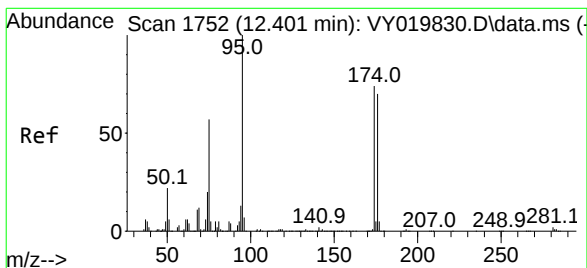
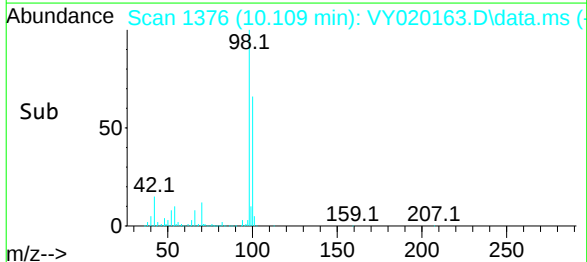
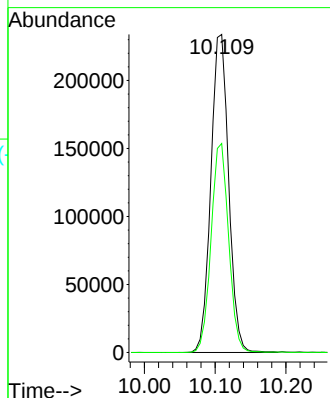
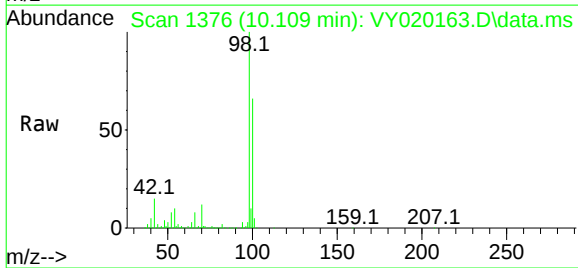
Z-03A-VOC

Tgt Ion: 98 Resp: 408379

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.403 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020163.D

Acq: 05 Nov 2024 13:45

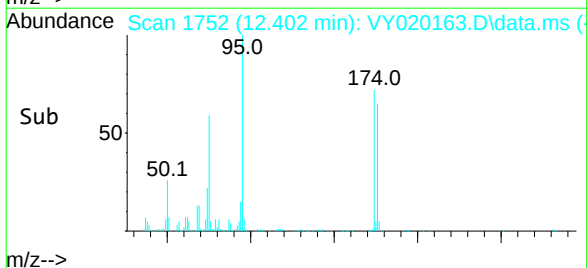
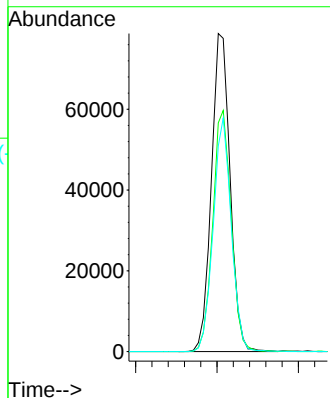
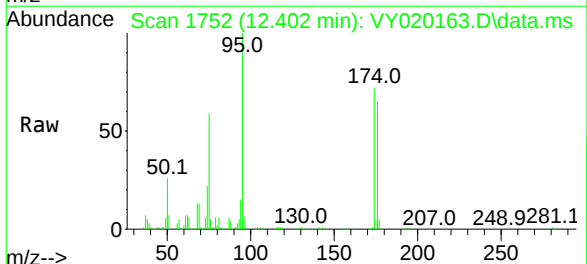
Tgt Ion: 95 Resp: 125628

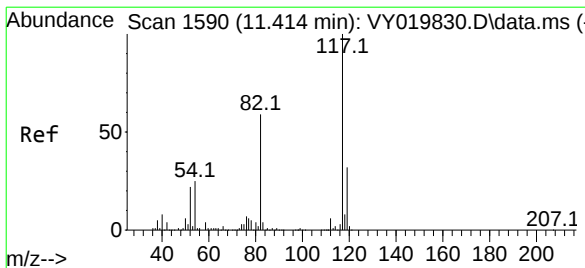
Ion Ratio Lower Upper

95 100

174 74.9 0.0 175.6

176 71.0 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: VY020163.D

Acq: 05 Nov 2024 13:45

Instrument :

MSVOA_Y

ClientSampleId :

Z-03A-VOC

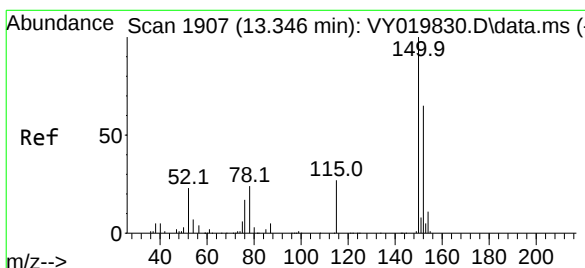
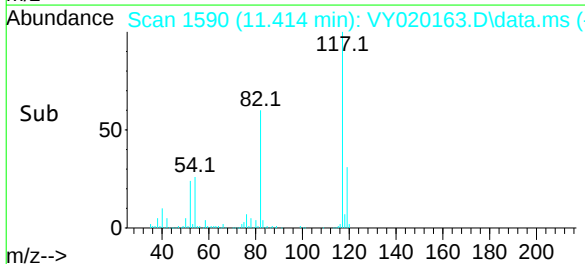
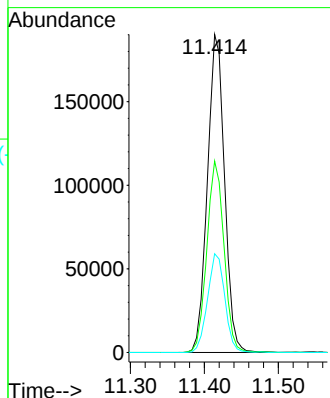
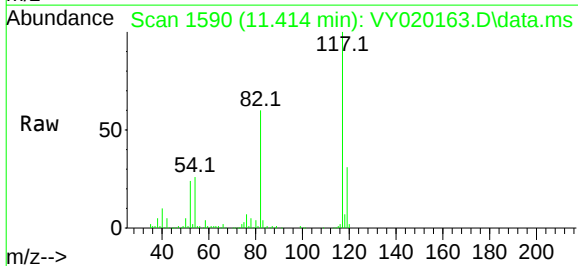
Tgt Ion:117 Resp: 305987

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 31.1 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: VY020163.D

Acq: 05 Nov 2024 13:45

Tgt Ion:152 Resp: 112000

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 158.4 0.0 345.6

