

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020586.D
 Acq On : 11 Dec 2024 15:00
 Operator : SY/MD
 Sample : P5239-03
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Dec 11 22:13:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	2036	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.610	114	2883	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	1197	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	982	47.425	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.634	113	790	43.527	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.060%
50) Toluene-d8	10.109	98	2675	38.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.420%
62) 4-Bromofluorobenzene	12.402	95	301	12.453	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	24.900%#

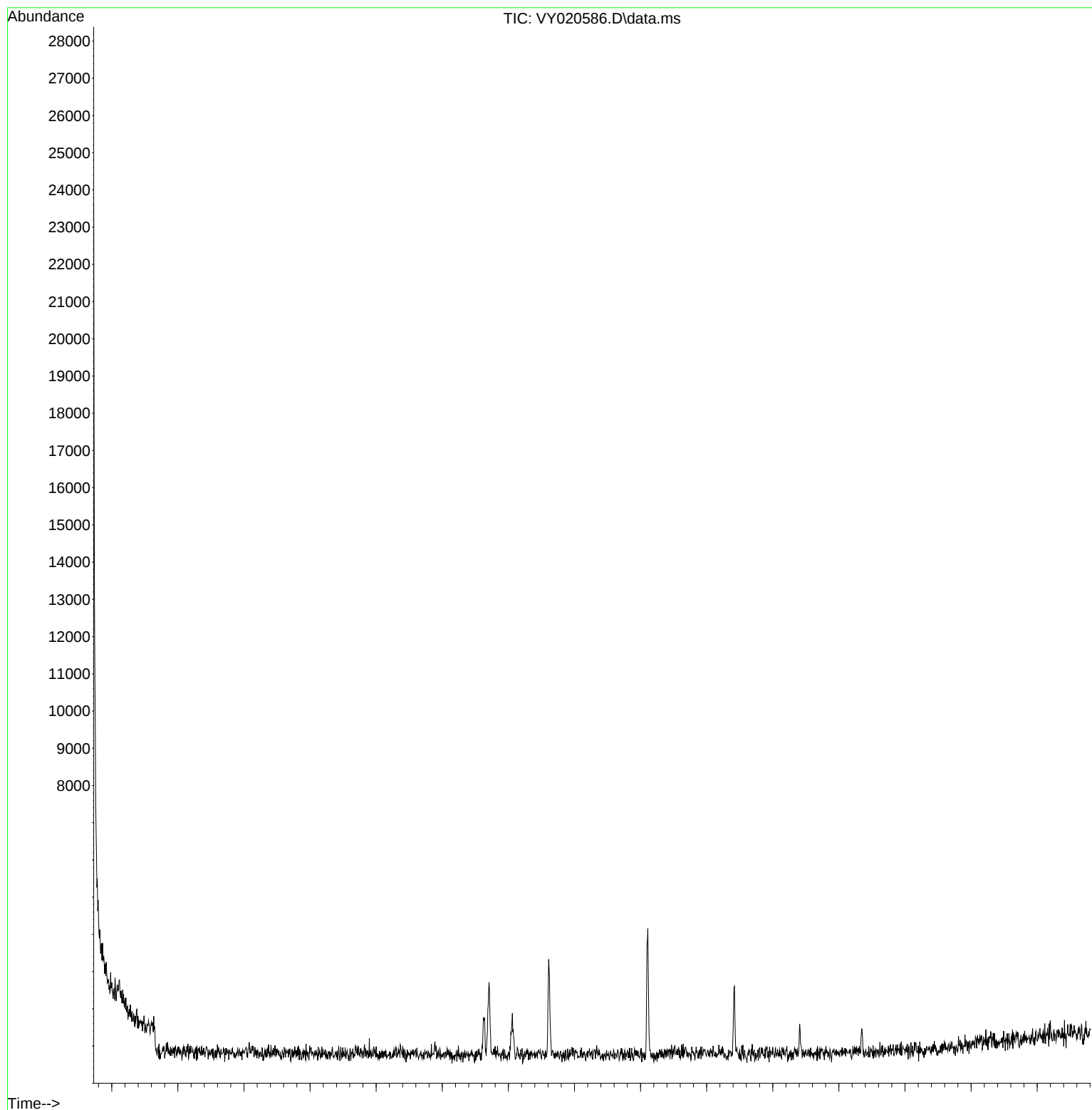
Target Compounds Qvalue

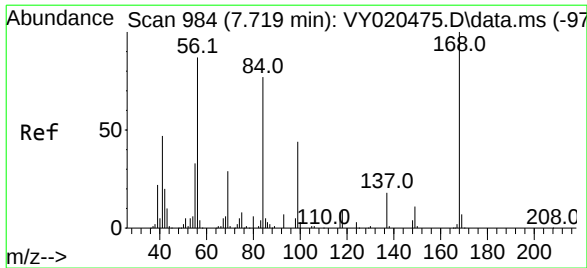
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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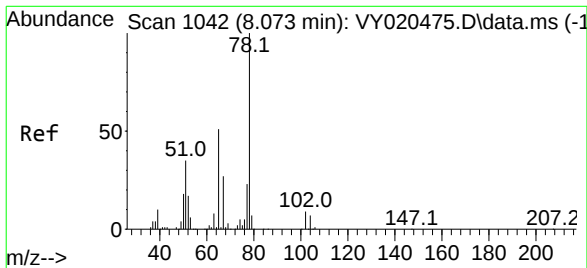
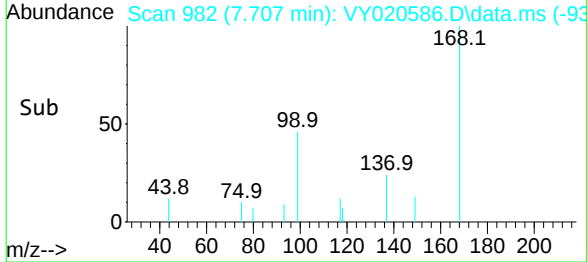
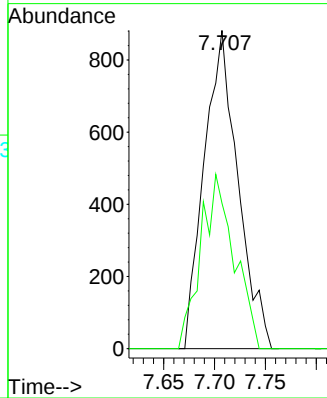
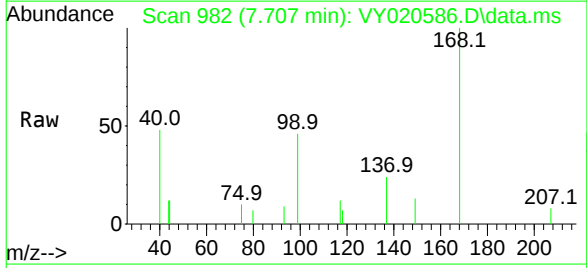




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 984
Delta R.T. -0.012 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

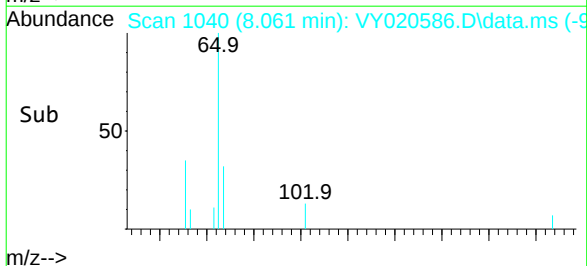
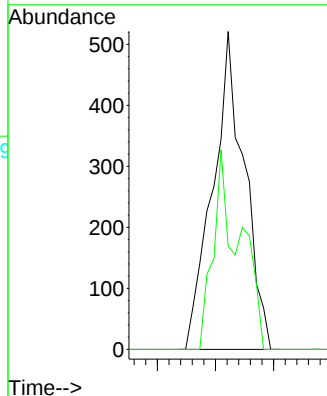
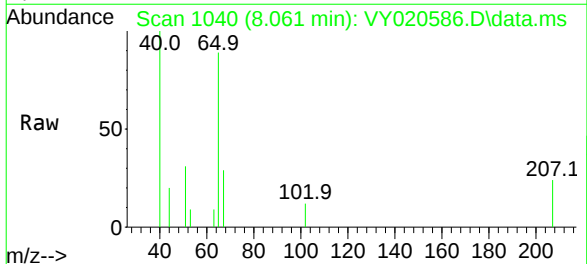
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

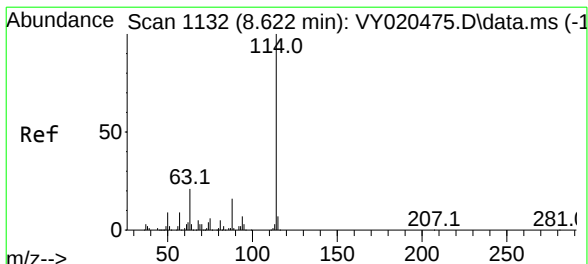
Tgt Ion:168 Resp: 2036
Ion Ratio Lower Upper
168 100
99 45.7 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 47.425 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020586.D
Acq: 11 Dec 2024 15:00

Tgt Ion: 65 Resp: 982
Ion Ratio Lower Upper
65 100
67 34.4 0.0 105.8

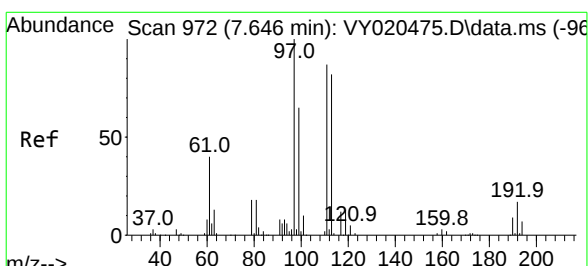
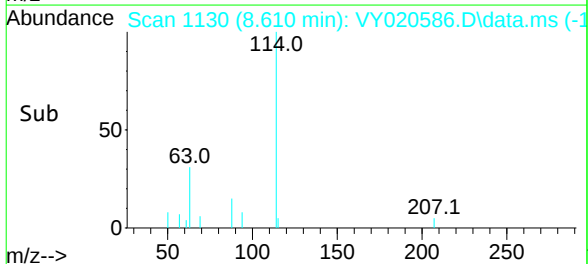
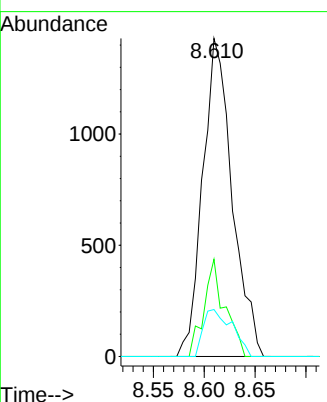
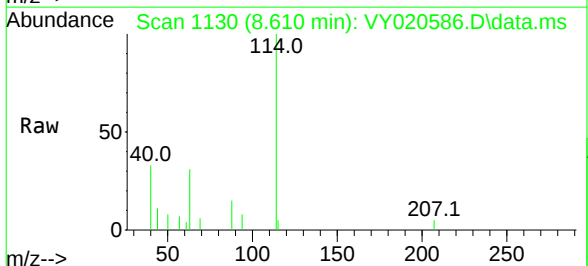




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.012 min
 Lab File: VY020586.D
 Acq: 11 Dec 2024 15:00

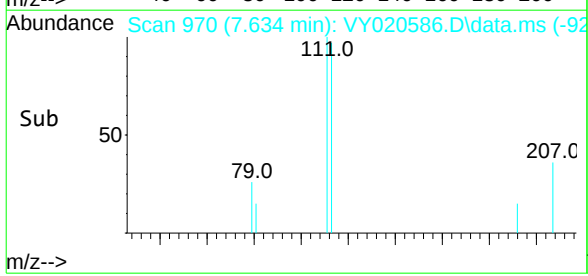
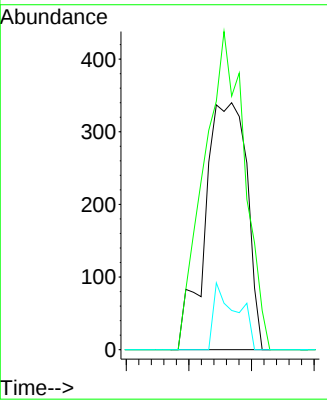
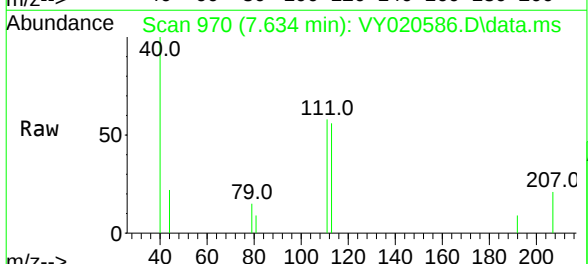
Instrument :
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 ClientSampleId :
 WC-1-VOC

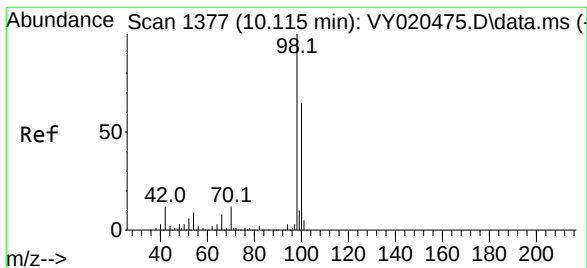
Tgt Ion:	114	Resp:	2883
Ion	Ratio	Lower	Upper
114	100		
63	30.6	0.0	44.8
88	14.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 43.527 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020586.D
 Acq: 11 Dec 2024 15:00

Tgt Ion:	113	Resp:	790
Ion	Ratio	Lower	Upper
113	100		
111	124.7	81.4	122.0#
192	15.1	15.1	22.7#





#50

Toluene-d8

Concen: 38.706 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020586.D

Acq: 11 Dec 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

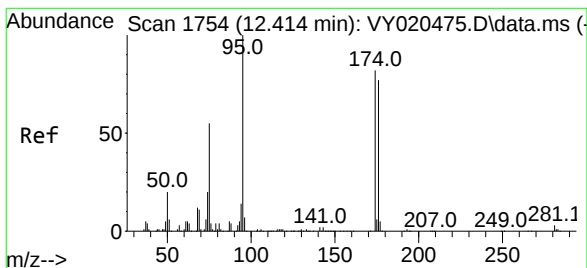
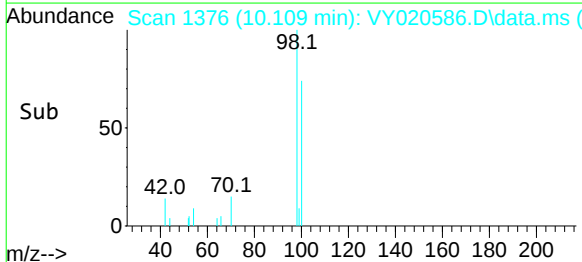
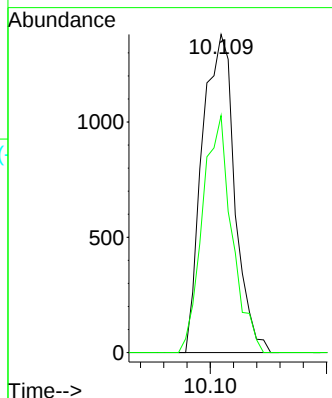
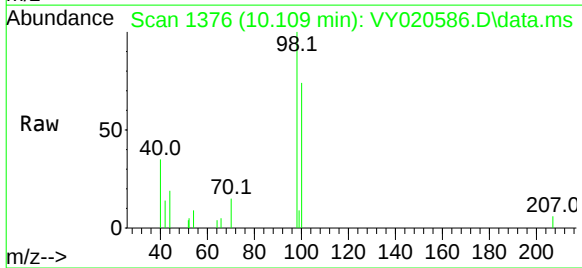
WC-1-VOC

Tgt Ion: 98 Resp: 2675

Ion Ratio Lower Upper

98 100

100 67.7 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 12.453 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020586.D

Acq: 11 Dec 2024 15:00

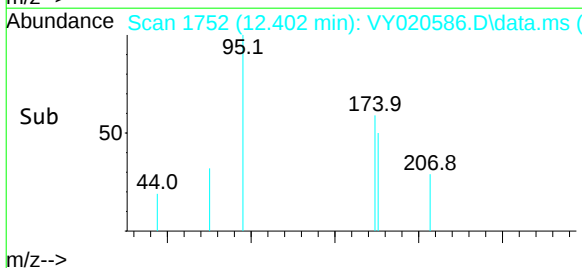
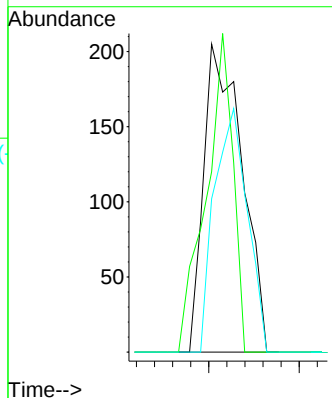
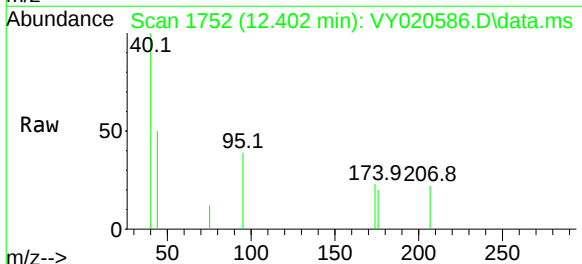
Tgt Ion: 95 Resp: 301

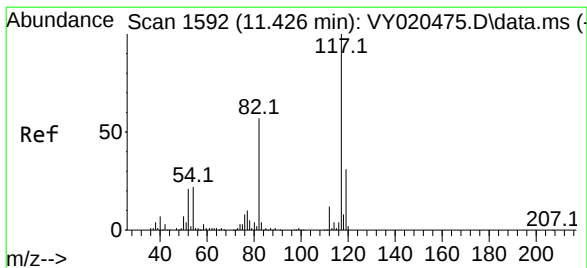
Ion Ratio Lower Upper

95 100

174 72.4 0.0 156.8

176 68.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020586.D

Acq: 11 Dec 2024 15:00

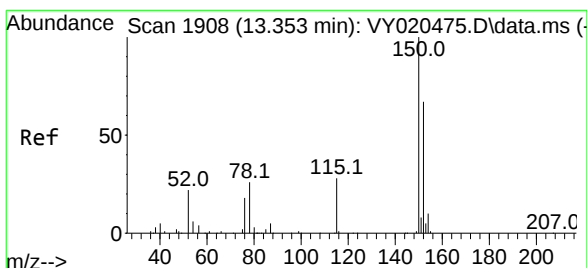
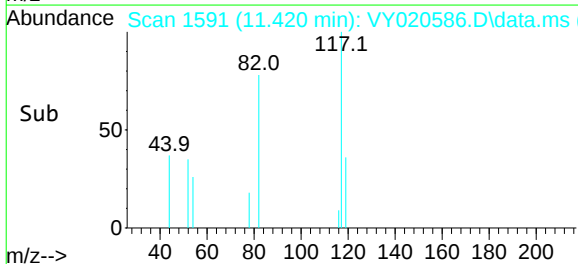
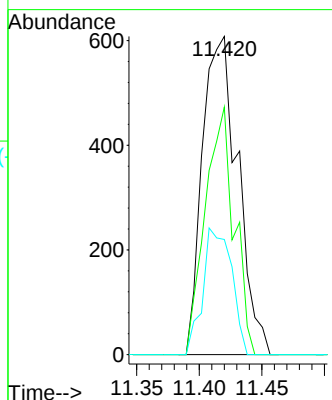
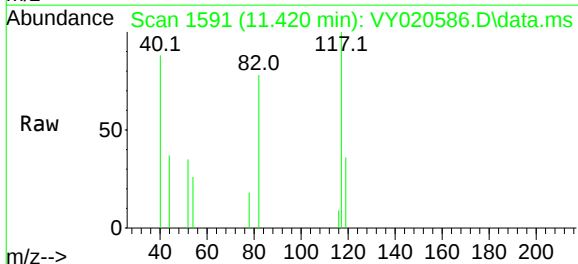
Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

Tgt Ion:	117	Resp:	1197
Ion	Ratio	Lower	Upper
117	100		
82	77.8	48.2	72.4#
119	36.2	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020586.D

Acq: 11 Dec 2024 15:00

Tgt Ion:	152	Resp:	203
Ion	Ratio	Lower	Upper
152	100		
115	89.7	30.0	90.0
150	185.7	0.0	348.2

