

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020500.D
 Acq On : 03 Dec 2024 12:40
 Operator : SY/MD
 Sample : P5052-03
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-640-VOC-50

Quant Time: Dec 03 21:44:53 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	7.720	168	176661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	344479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	112708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	101707	56.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.220%
35) Dibromofluoromethane	7.646	113	107038	49.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.115	98	411500	49.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.408	95	126809	43.906	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.820%

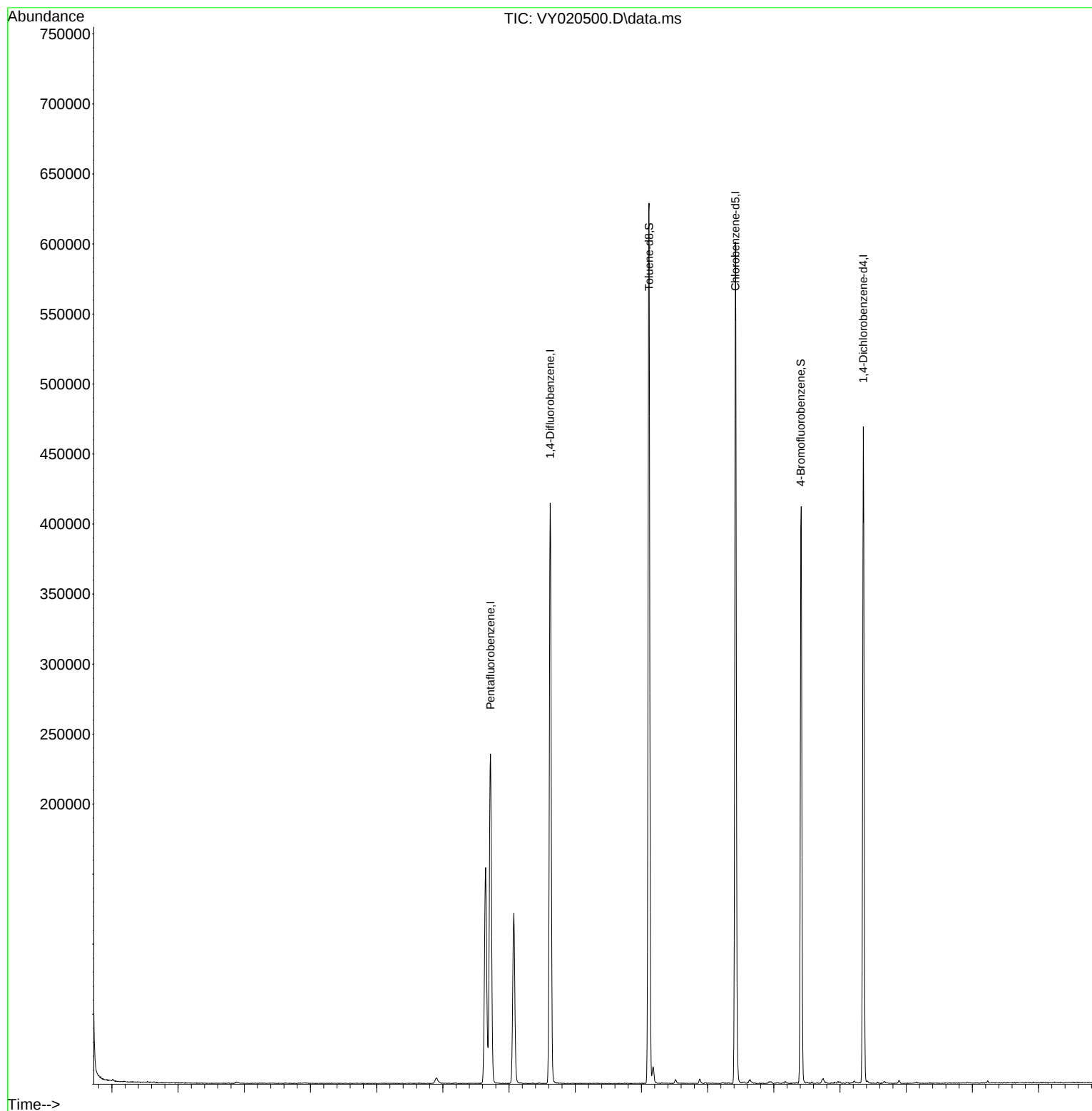
Target Compounds Qvalue

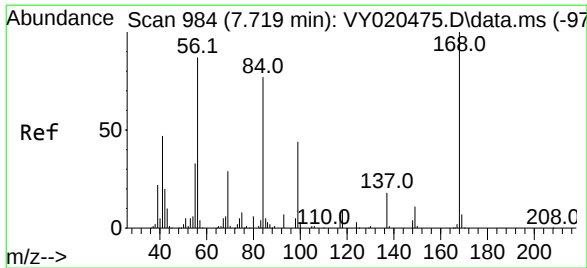
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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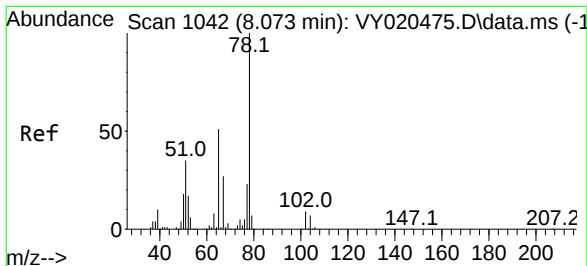
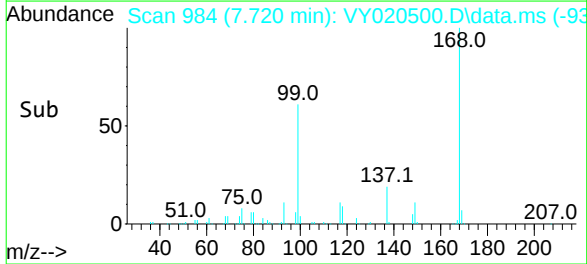
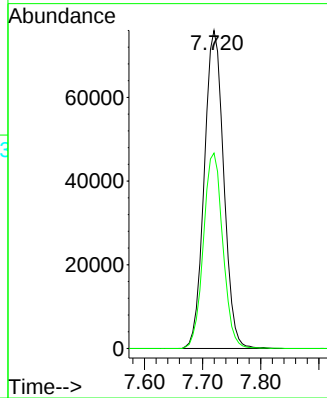
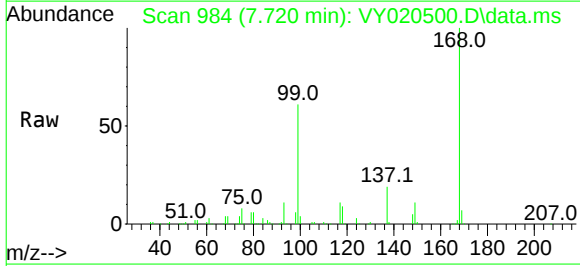




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.001 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

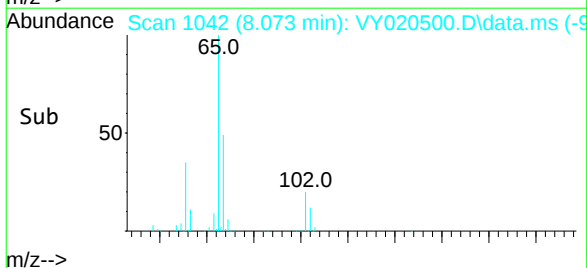
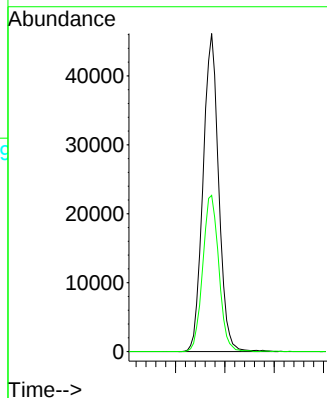
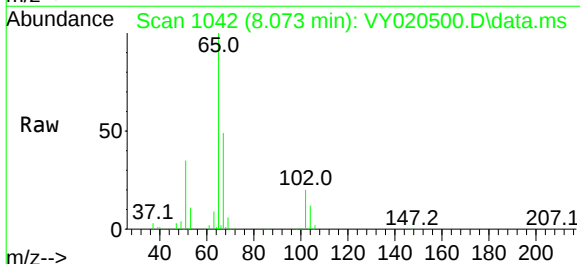
Instrument :
MSVOA_Y
ClientSampleId :
OR-640-VOC-50

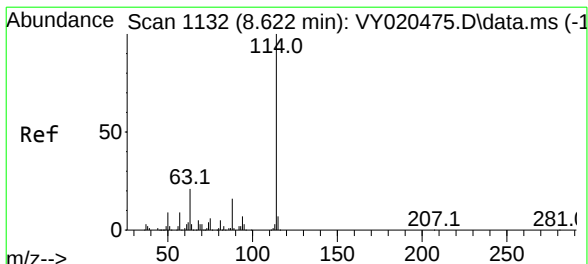
Tgt Ion:168 Resp: 176661
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 56.609 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020500.D
Acq: 03 Dec 2024 12:40

Tgt Ion: 65 Resp: 101707
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.8

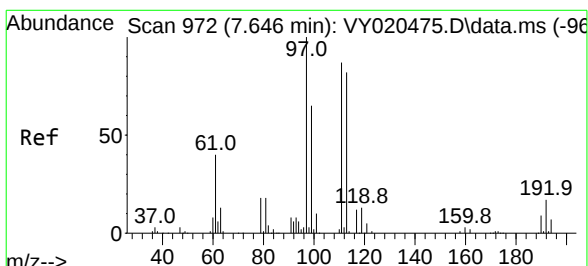
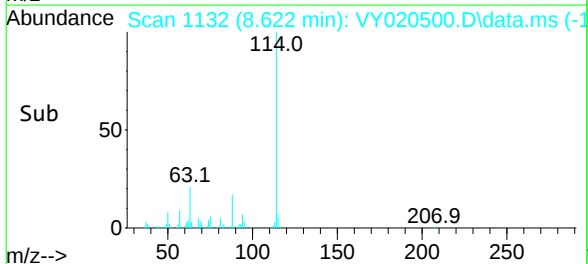
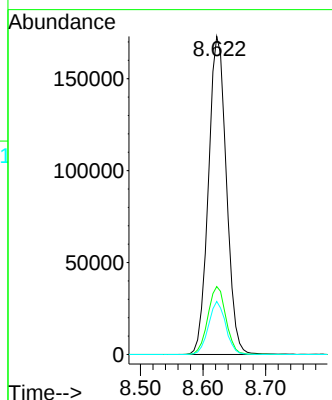
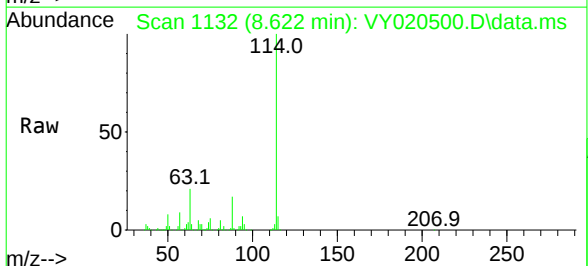




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020500.D
 Acq: 03 Dec 2024 12:40

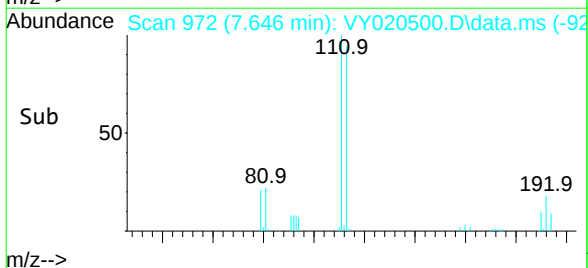
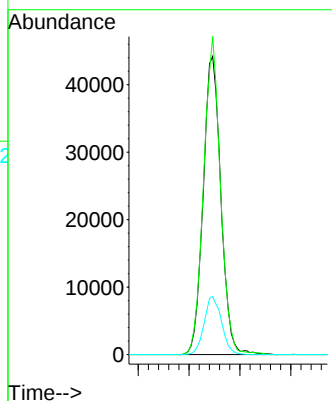
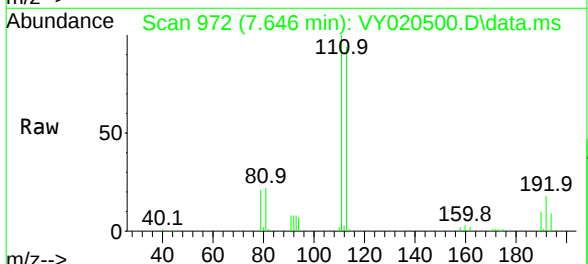
Instrument :
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 ClientSampleId :
 OR-640-VOC-50

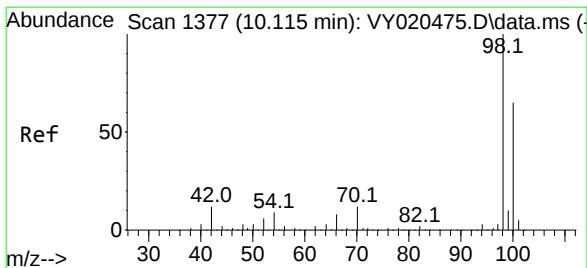
Tgt Ion:	114	Resp:	344479
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.8
88	16.7	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.357 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.000 min
 Lab File: VY020500.D
 Acq: 03 Dec 2024 12:40

Tgt Ion:	113	Resp:	107038
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 49.831 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

Instrument :

MSVOA_Y

ClientSampleId :

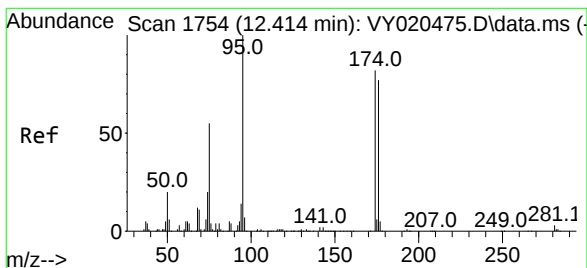
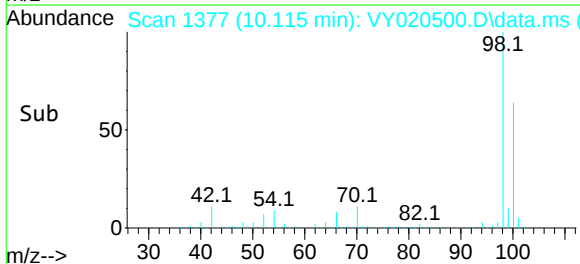
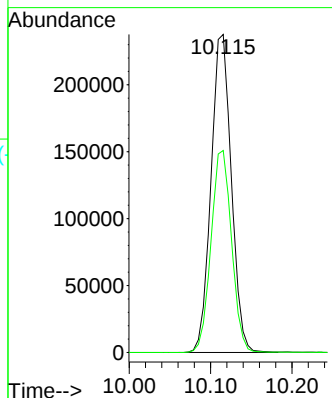
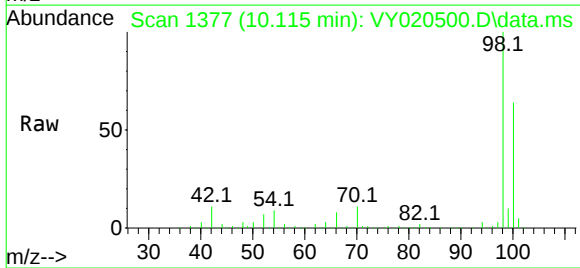
OR-640-VOC-50

Tgt Ion: 98 Resp: 411500

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 43.906 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

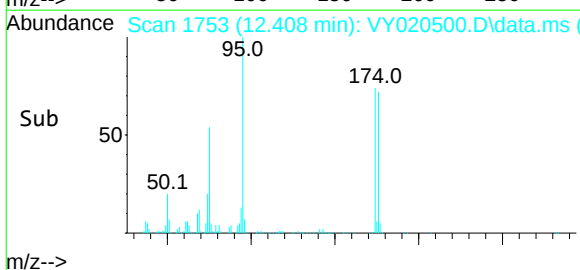
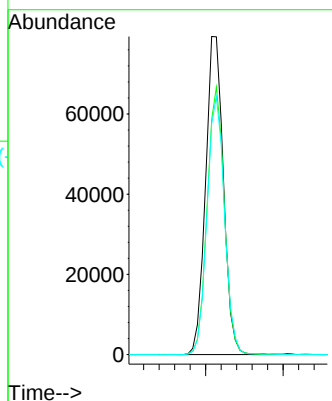
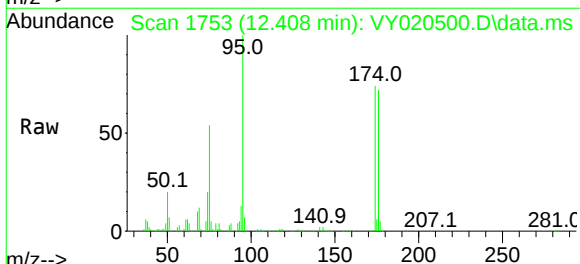
Tgt Ion: 95 Resp: 126809

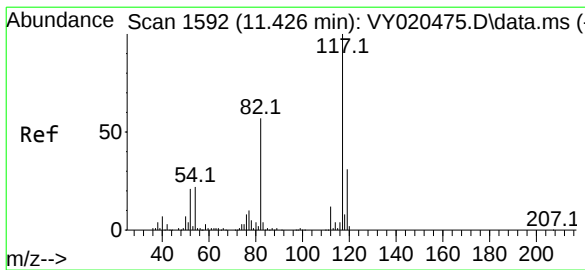
Ion Ratio Lower Upper

95 100

174 81.0 0.0 156.8

176 79.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

Instrument :

MSVOA_Y

ClientSampleId :

OR-640-VOC-50

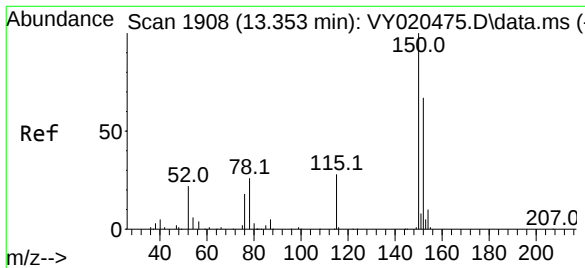
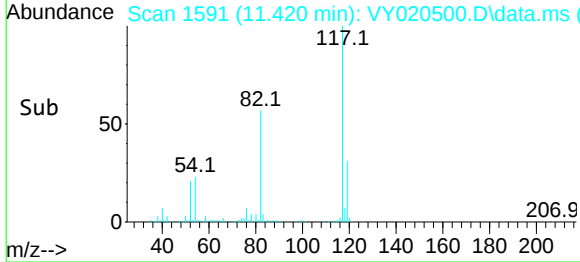
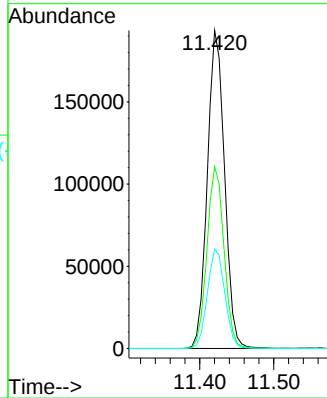
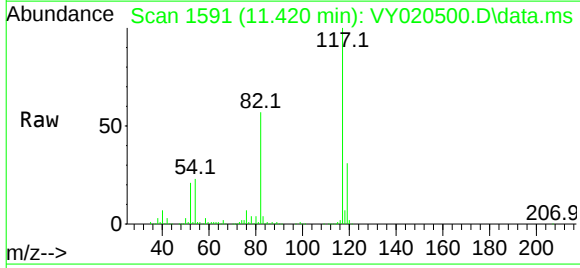
Tgt Ion:117 Resp: 312269

Ion Ratio Lower Upper

117 100

82 57.1 48.2 72.4

119 31.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020500.D

Acq: 03 Dec 2024 12:40

Tgt Ion:152 Resp: 112708

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 157.2 0.0 348.2

