

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019630.D
 Acq On : 19 Sep 2024 13:37
 Operator : SY/MD
 Sample : P4087-27
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-05

Quant Time: Sep 20 01:28:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	305081	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	586555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	504101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187361	66.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.640%	
35) Dibromofluoromethane	7.634	113	188297	56.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.240%	
50) Toluene-d8	10.109	98	690205	56.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.220%	
62) 4-Bromofluorobenzene	12.407	95	207432	43.857	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.720%	

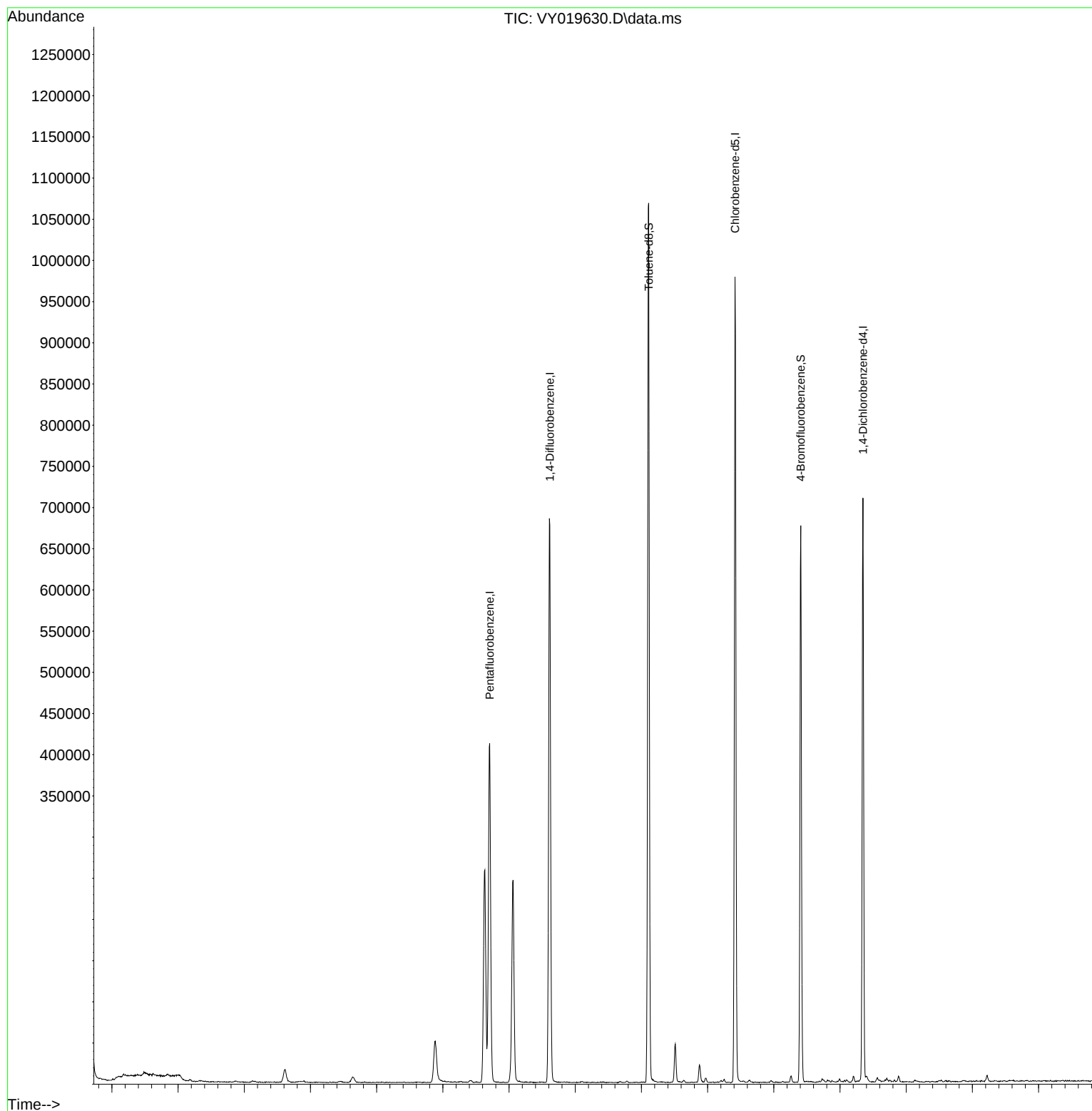
Target Compounds Qvalue

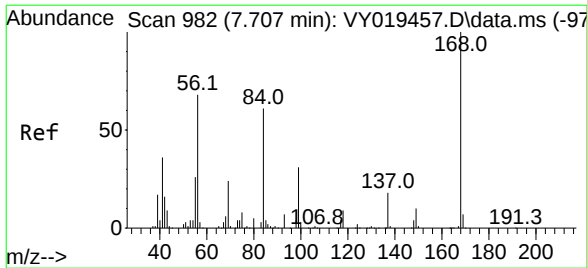
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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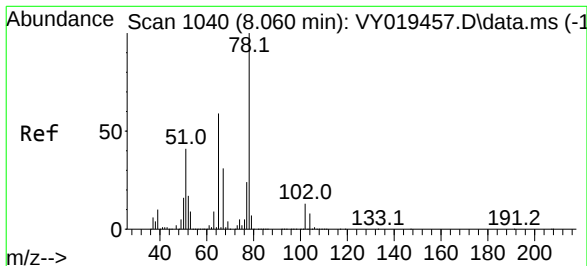
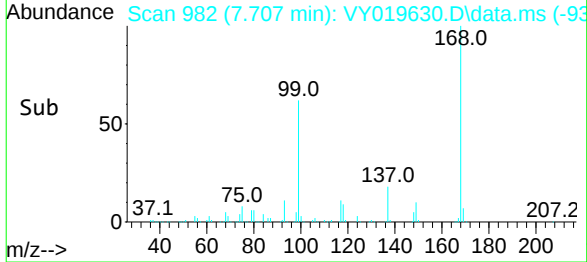
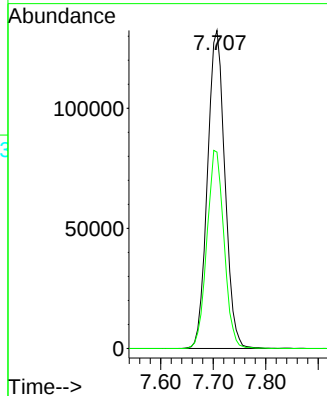
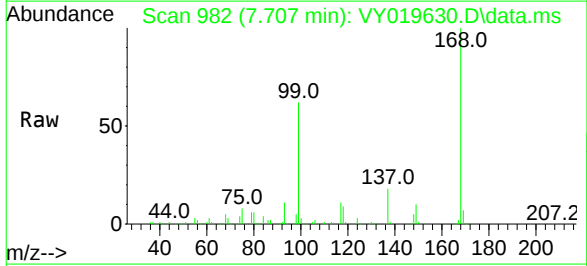




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

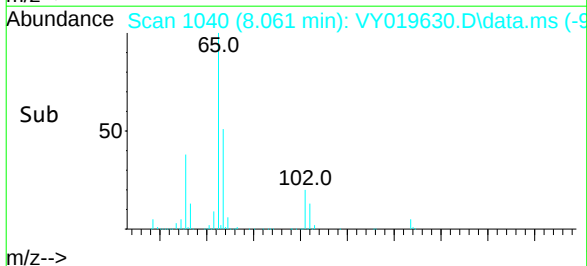
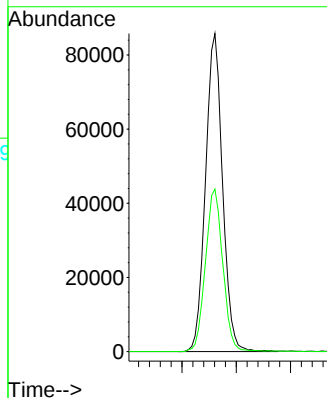
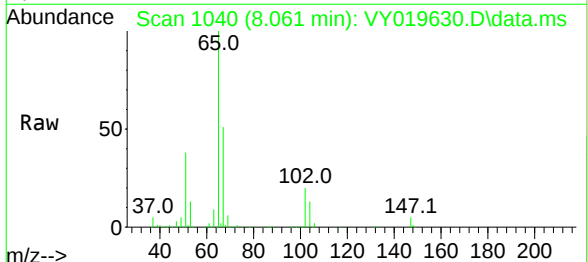
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-05

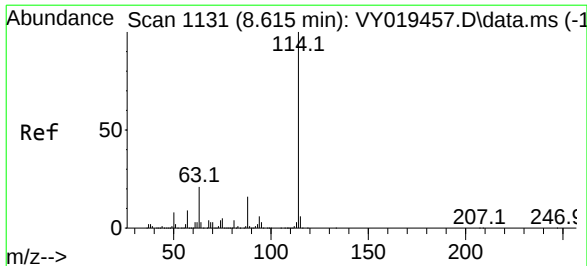
Tgt Ion:168 Resp: 305081
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 66.323 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

Tgt Ion: 65 Resp: 187361
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

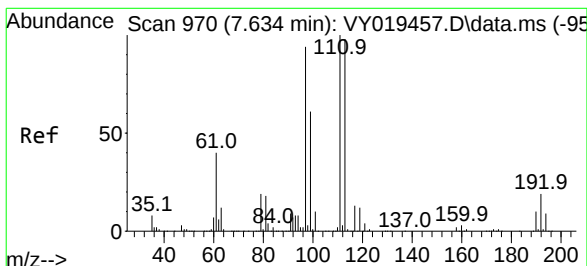
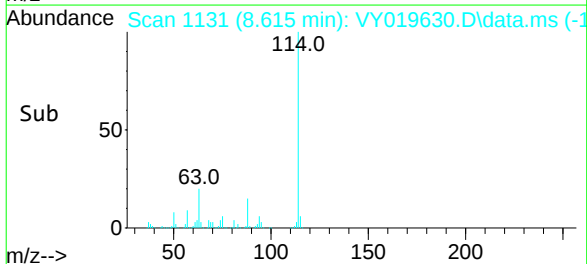
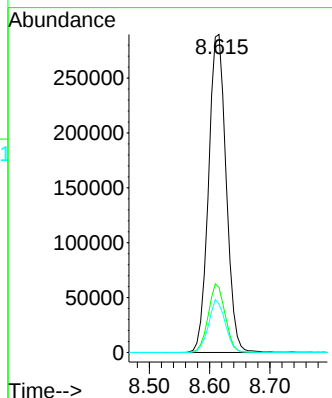
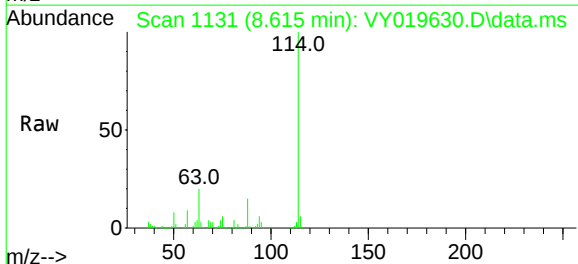




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

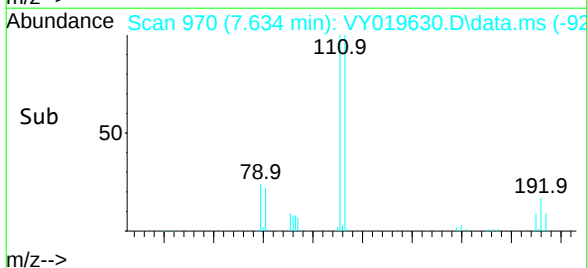
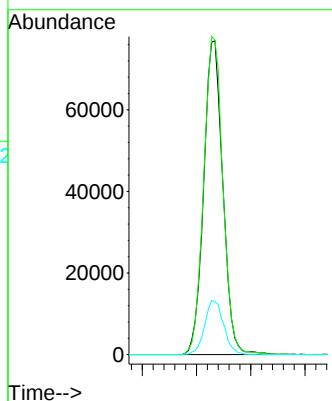
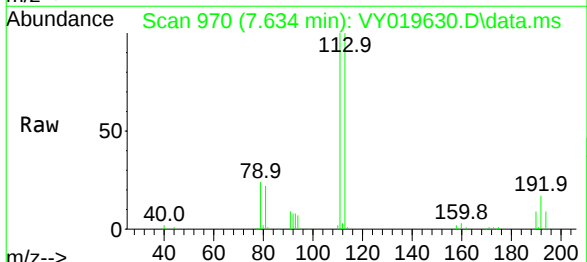
Instrument :
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ClientSampleId :
NB-614-VOC-05

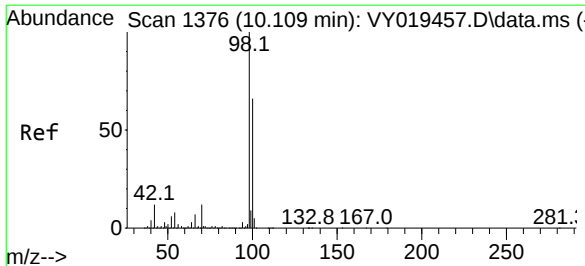
Tgt Ion:	114	Resp:	586555
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	35.0
88	15.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 56.619 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019630.D
Acq: 19 Sep 2024 13:37

Tgt Ion:	113	Resp:	188297
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	17.1	15.9	23.9





#50

Toluene-d8

Concen: 56.110 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

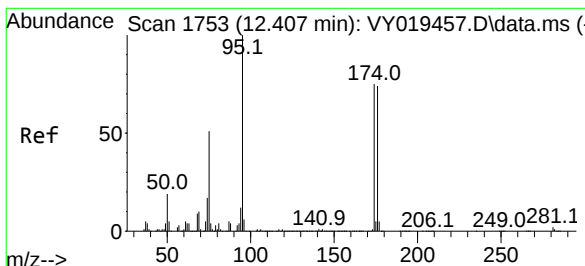
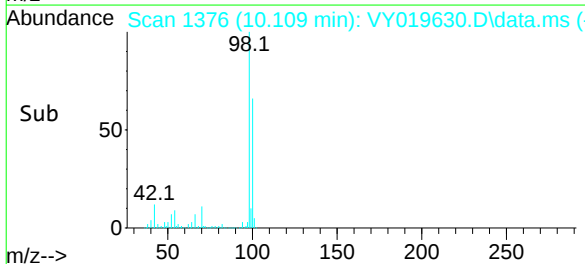
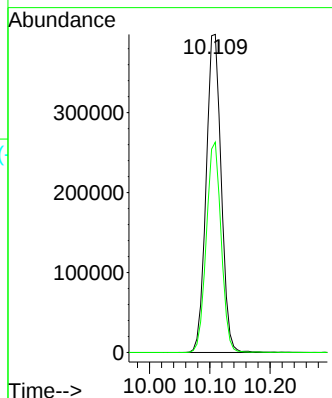
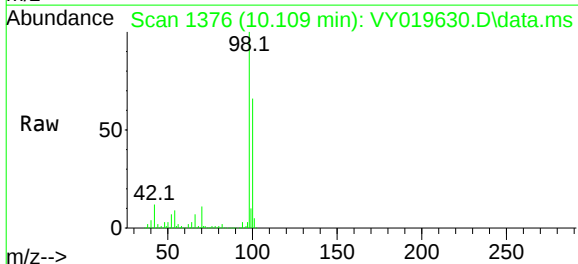
NB-614-VOC-05

Tgt Ion: 98 Resp: 690205

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.857 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

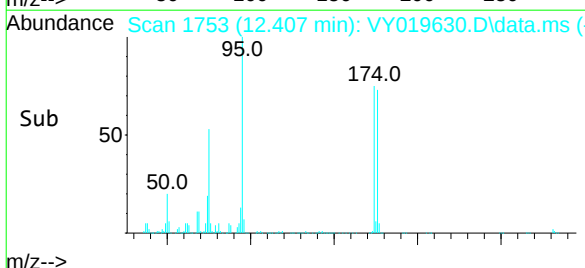
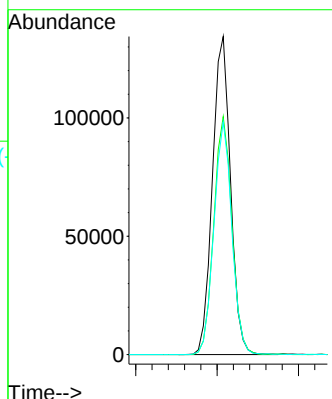
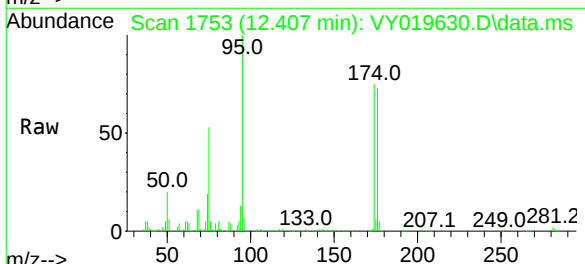
Tgt Ion: 95 Resp: 207432

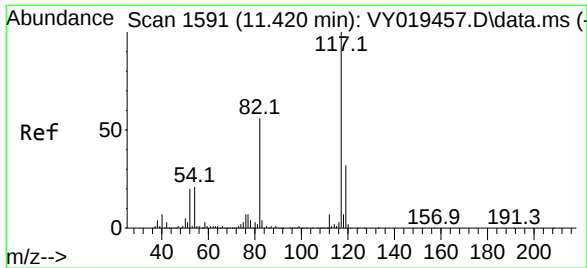
Ion Ratio Lower Upper

95 100

174 75.0 0.0 175.6

176 72.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019630.D

Acq: 19 Sep 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-05

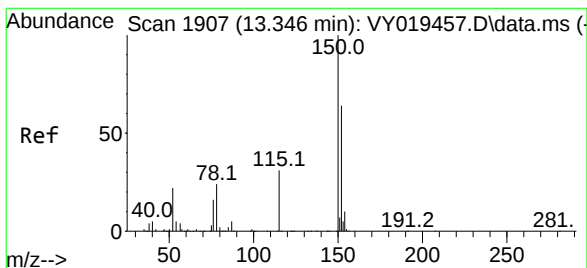
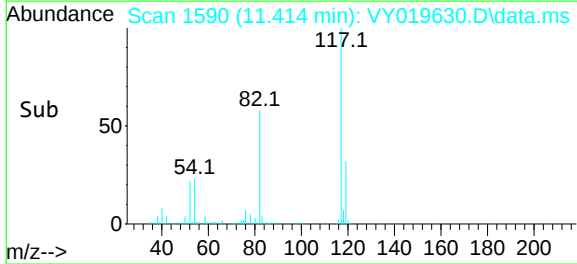
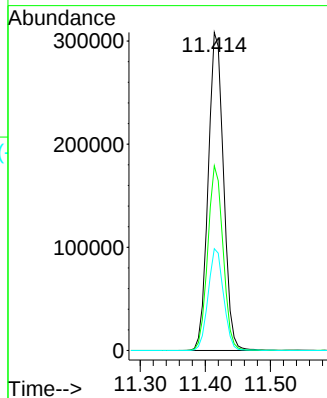
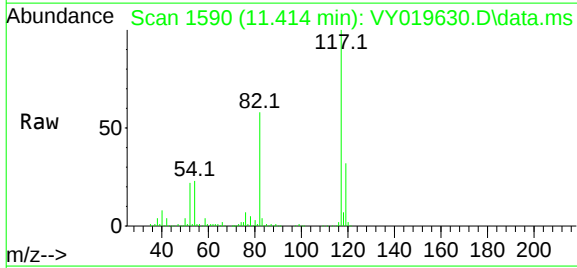
Tgt Ion:117 Resp: 504101

Ion Ratio Lower Upper

117 100

82 58.1 42.4 63.6

119 32.0 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: VY019630.D

Acq: 19 Sep 2024 13:37

Tgt Ion:152 Resp: 165745

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 160.2 0.0 345.6

