

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019610.D
 Acq On : 18 Sep 2024 16:54
 Operator : SY/MD
 Sample : P4087-15
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-03

Quant Time: Sep 19 01:26:39 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	309889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	614109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	554055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	205703	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	205142	71.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.980%
35) Dibromofluoromethane	7.628	113	198004	56.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.109	98	729188	56.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.240%
62) 4-Bromofluorobenzene	12.407	95	240175	48.501	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.000%

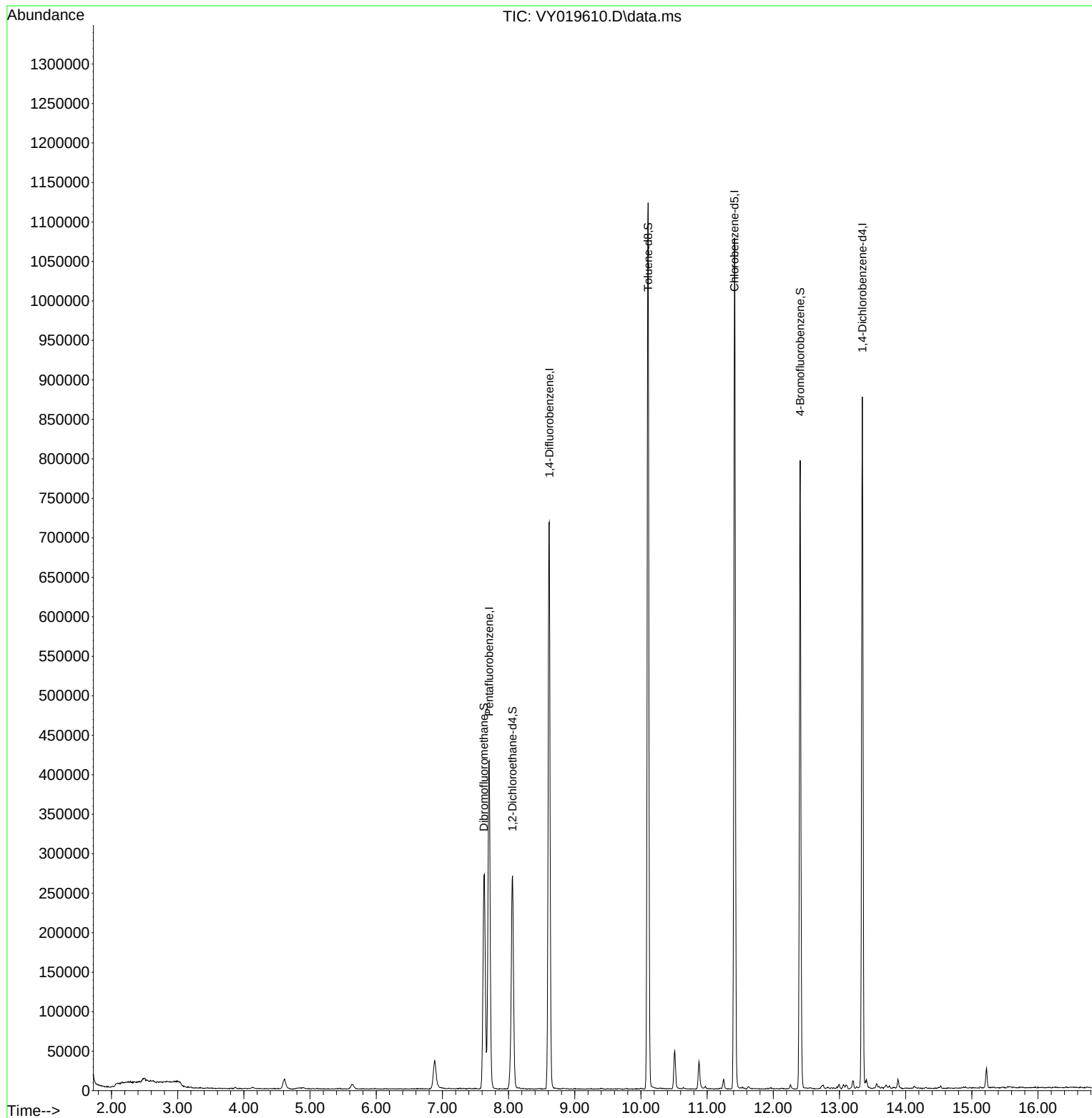
Target Compounds	Qvalue

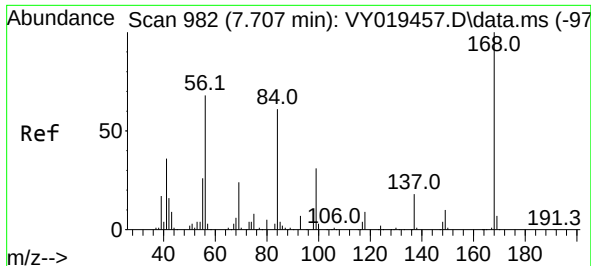
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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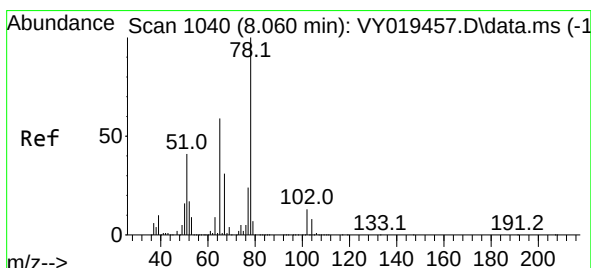
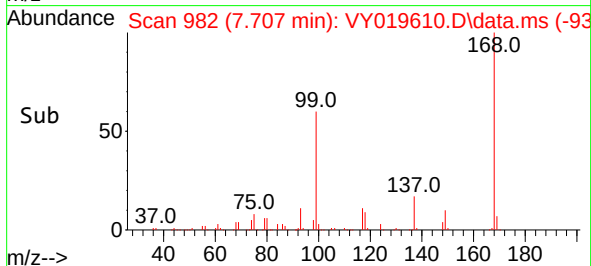
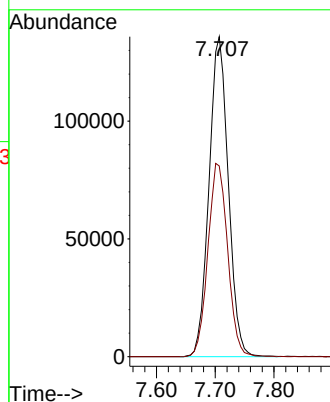
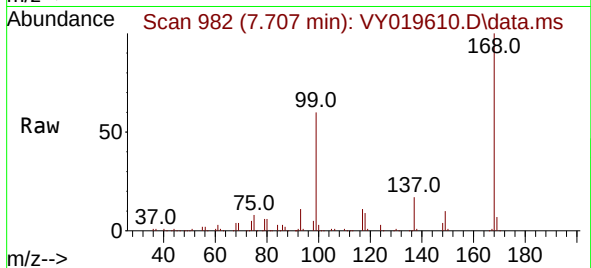




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019610.D
Acq: 18 Sep 2024 16:54

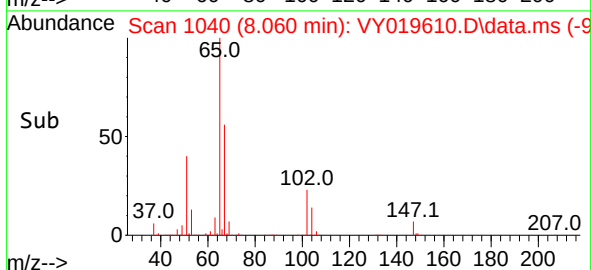
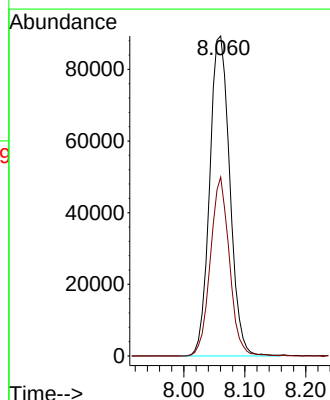
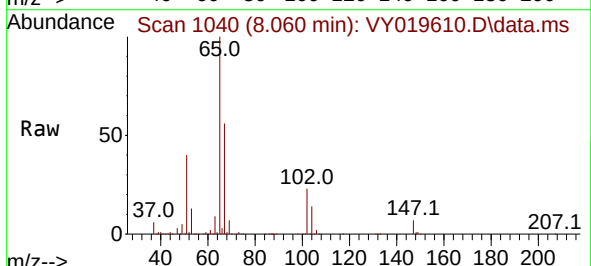
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-03

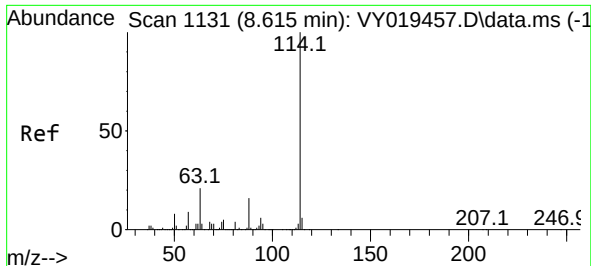
Tgt Ion:168 Resp: 309889
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 71.490 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019610.D
Acq: 18 Sep 2024 16:54

Tgt Ion: 65 Resp: 205142
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

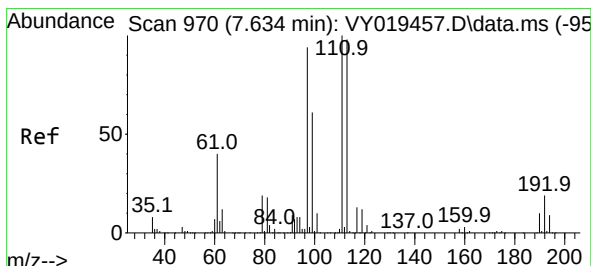
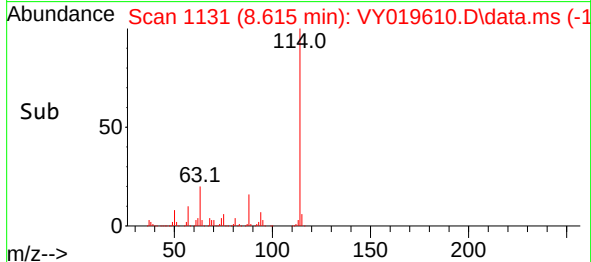
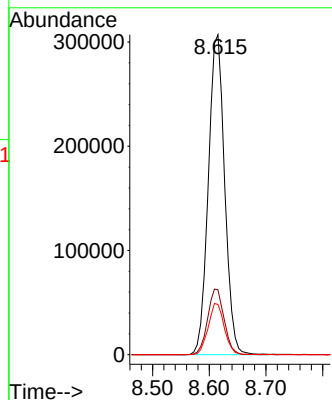
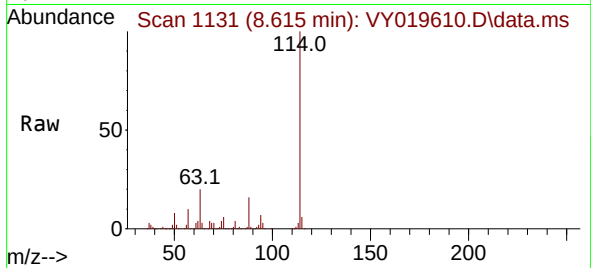




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019610.D
Acq: 18 Sep 2024 16:54

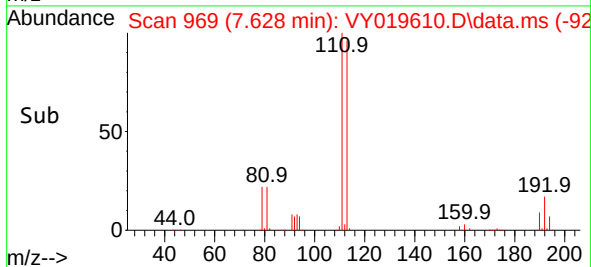
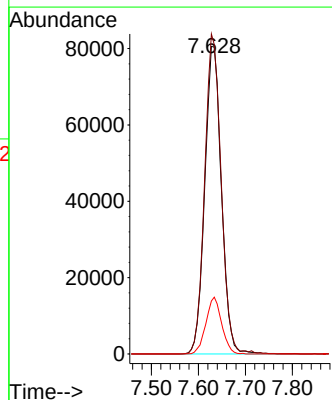
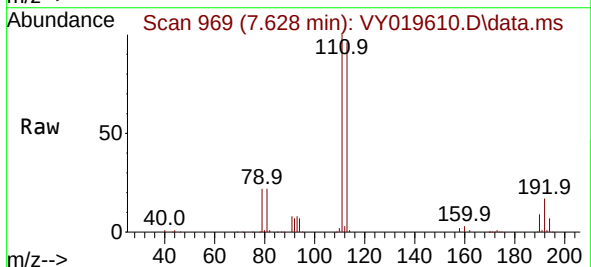
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-03

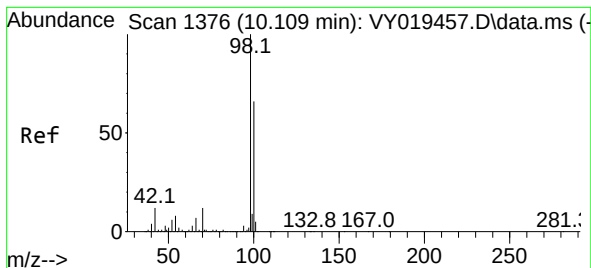
Tgt Ion:114 Resp: 614109
Ion Ratio Lower Upper
114 100
63 20.3 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.867 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019610.D
Acq: 18 Sep 2024 16:54

Tgt Ion:113 Resp: 198004
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.5 15.9 23.9





#50

Toluene-d8

Concen: 56.620 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY019610.D

Acq: 18 Sep 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

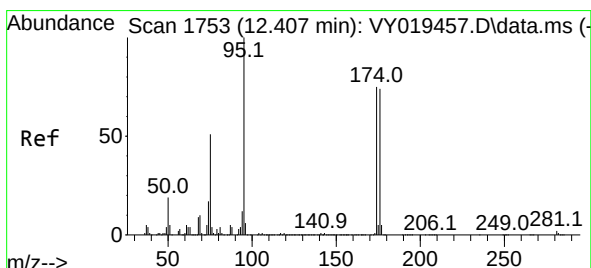
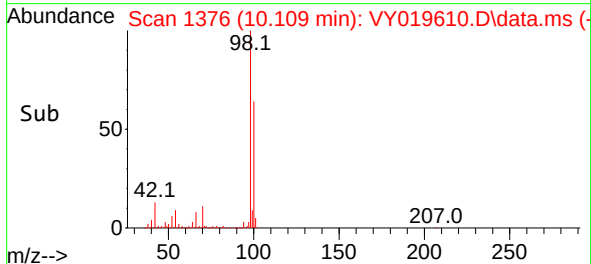
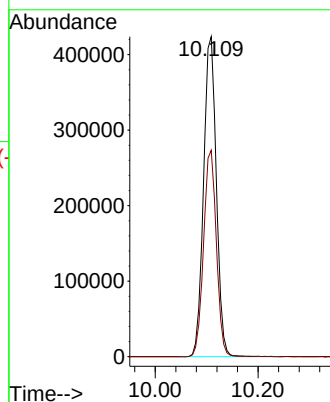
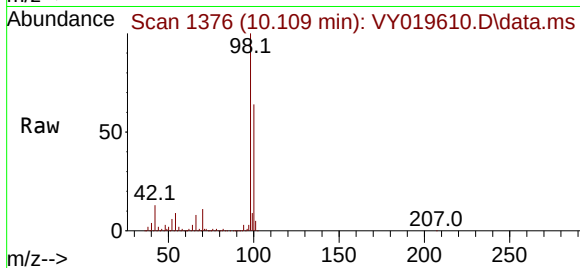
NB-614-VOC-03

Tgt Ion: 98 Resp: 729188

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.501 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019610.D

Acq: 18 Sep 2024 16:54

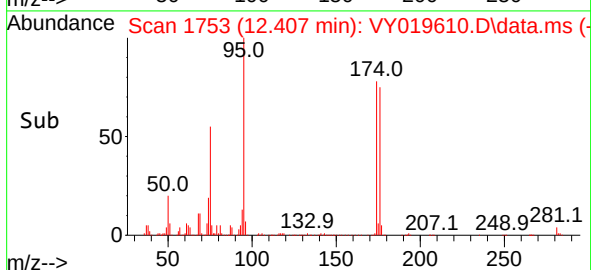
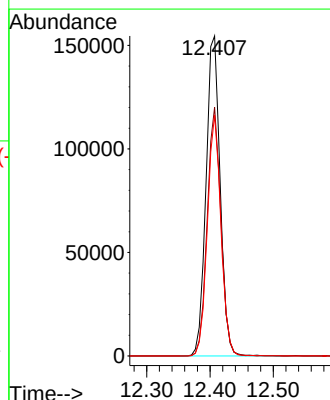
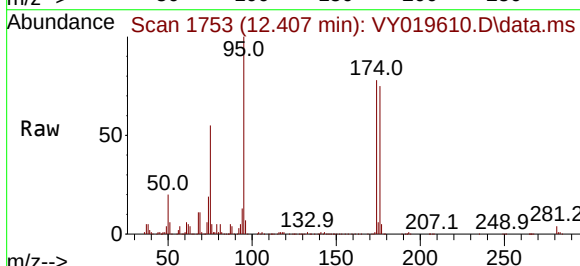
Tgt Ion: 95 Resp: 240175

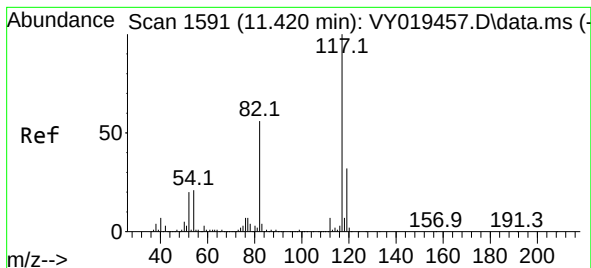
Ion Ratio Lower Upper

95 100

174 75.7 0.0 175.6

176 72.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019610.D

Acq: 18 Sep 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-03

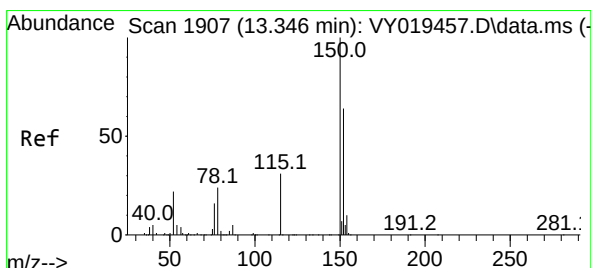
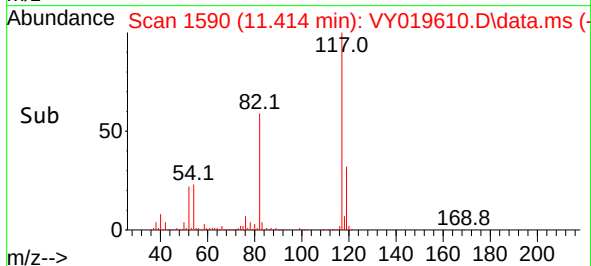
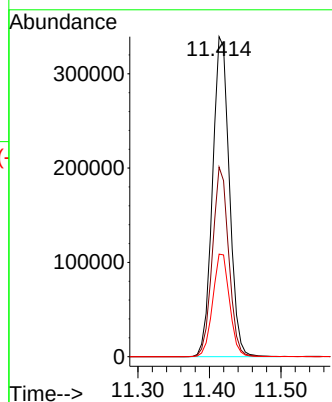
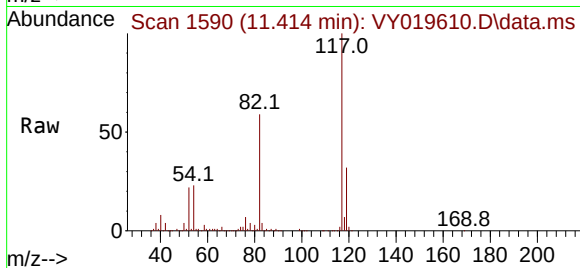
Tgt Ion:117 Resp: 554055

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

119 32.1 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: VY019610.D

Acq: 18 Sep 2024 16:54

Tgt Ion:152 Resp: 205703

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 159.0 0.0 345.6

