

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019510.D
 Acq On : 11 Sep 2024 15:42
 Operator : SY/MD
 Sample : P3925-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07091024

Quant Time: Sep 12 01:32:52 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)

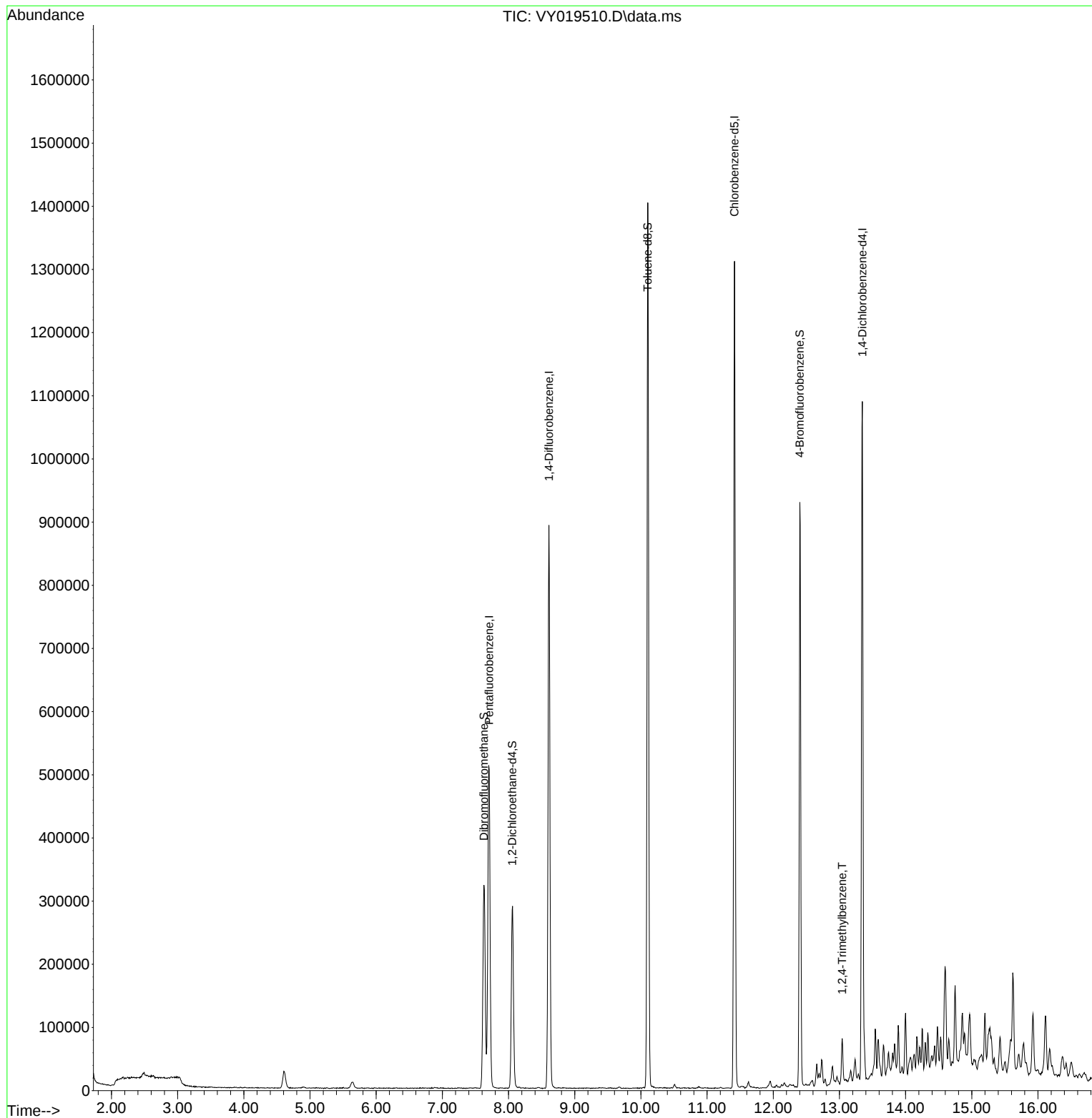
Internal Standards						
1) Pentafluorobenzene	7.707	168	386056	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	743277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	670787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	263740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	231930	64.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.760%	
35) Dibromofluoromethane	7.628	113	235269	55.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.660%	
50) Toluene-d8	10.103	98	887699	56.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.900%	
62) 4-Bromofluorobenzene	12.402	95	297776	49.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.360%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.042	105	36648	2.380	ug/l	Qvalue 96

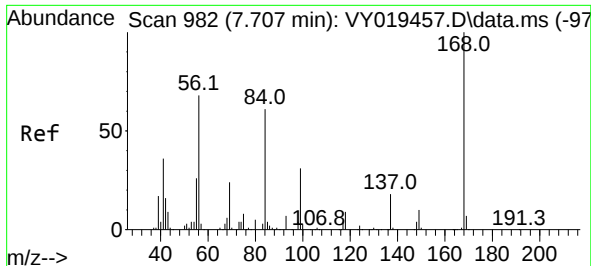
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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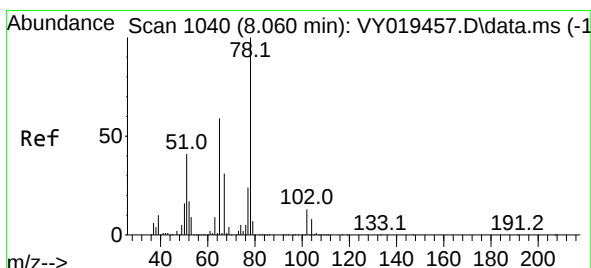
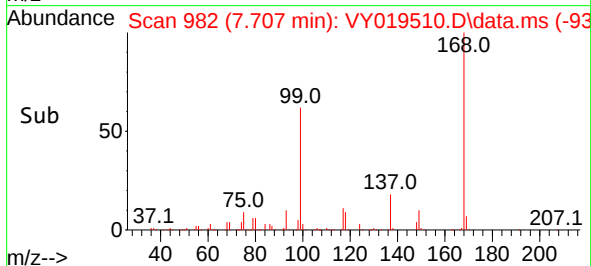
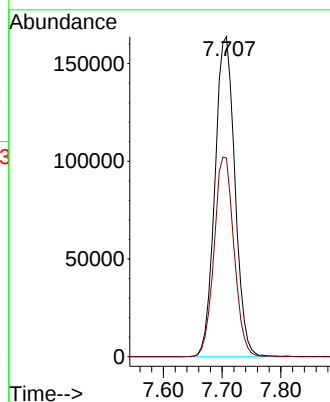
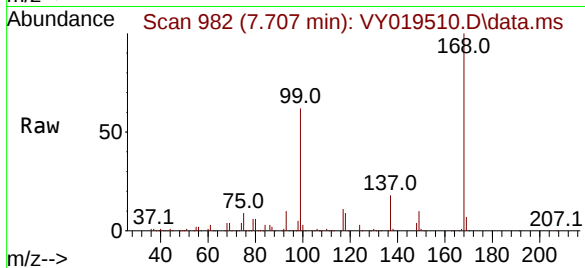




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

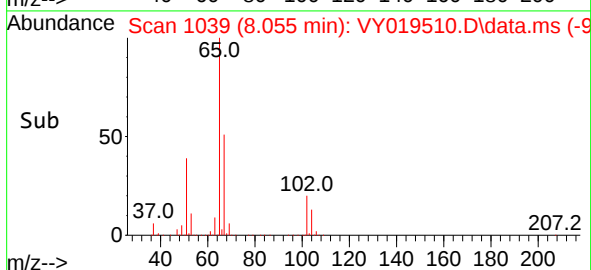
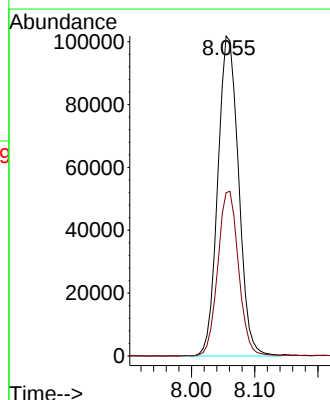
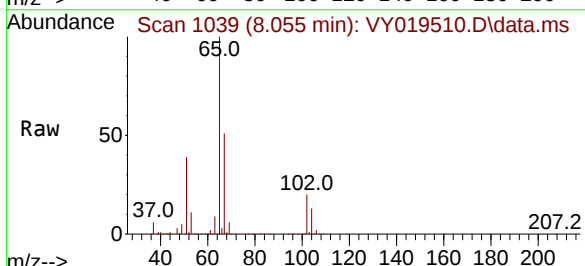
Instrument :
MSVOA_Y
ClientSampleId :
NB-07091024

Tgt Ion:168 Resp: 386056
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 64.879 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019510.D
Acq: 11 Sep 2024 15:42

Tgt Ion: 65 Resp: 231930
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019510.D

Acq: 11 Sep 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

NB-07091024

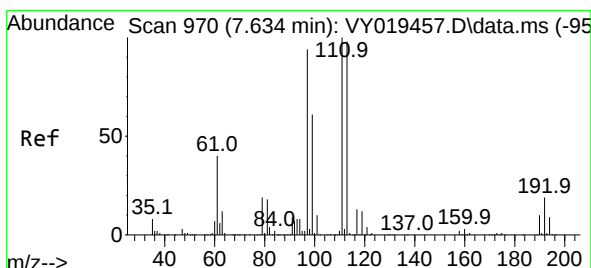
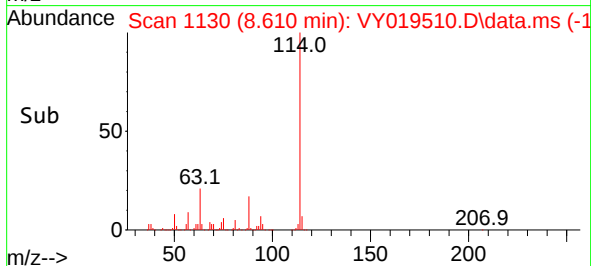
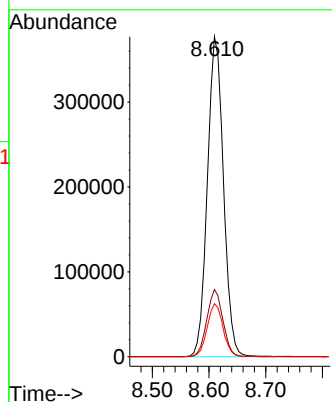
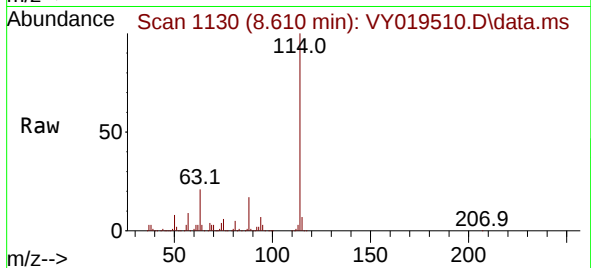
Tgt Ion:114 Resp: 743277

Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.827 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019510.D

Acq: 11 Sep 2024 15:42

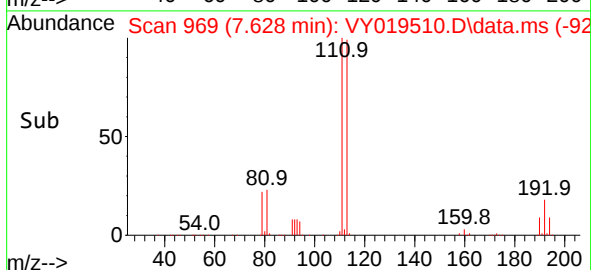
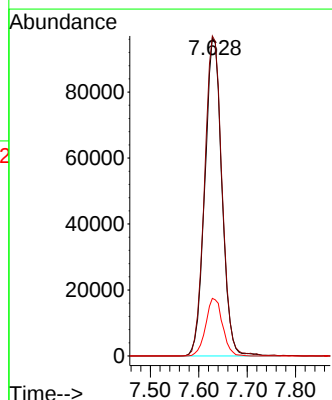
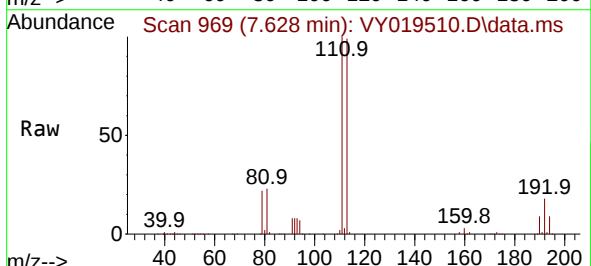
Tgt Ion:113 Resp: 235269

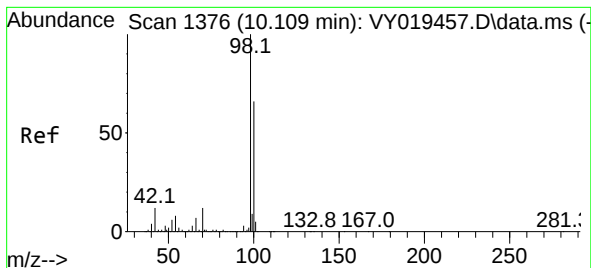
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.9 15.9 23.9





#50

Toluene-d8

Concen: 56.949 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019510.D

Acq: 11 Sep 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

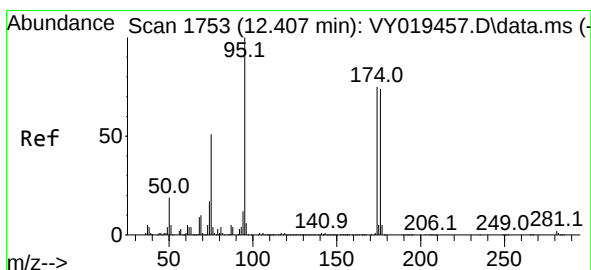
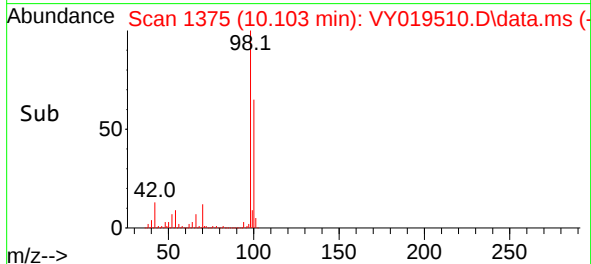
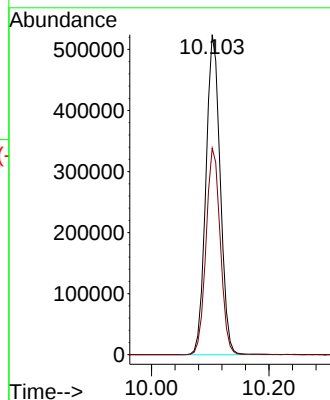
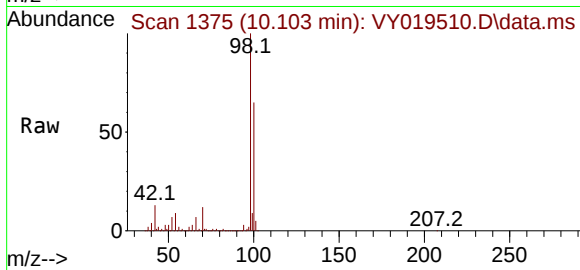
NB-07091024

Tgt Ion: 98 Resp: 887699

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.683 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019510.D

Acq: 11 Sep 2024 15:42

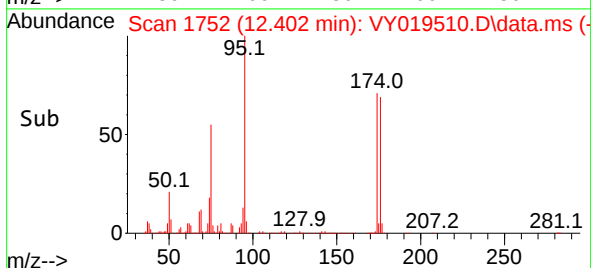
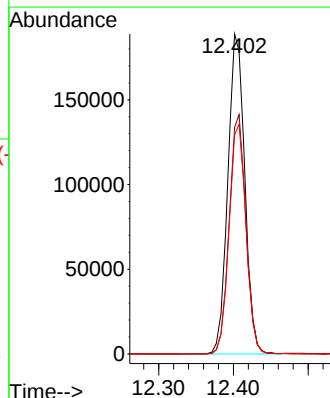
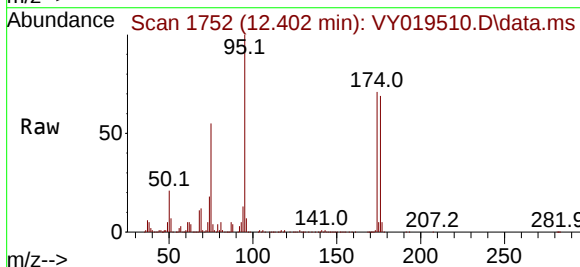
Tgt Ion: 95 Resp: 297776

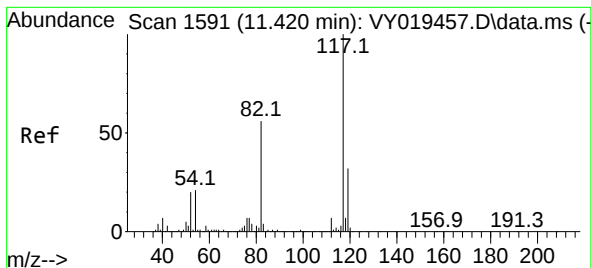
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 71.6 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: VY019510.D

Acq: 11 Sep 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

NB-07091024

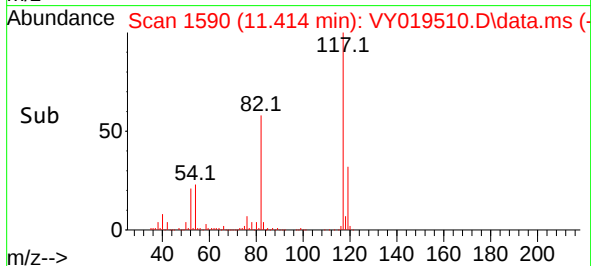
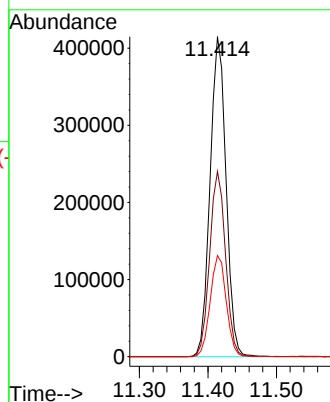
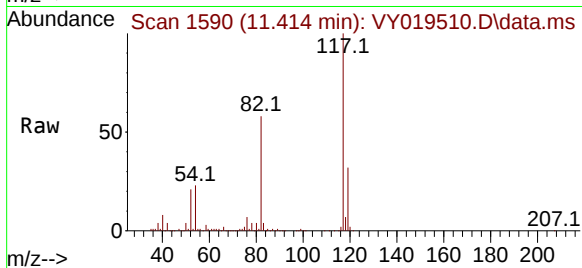
Tgt Ion:117 Resp: 670787

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019510.D

Acq: 11 Sep 2024 15:42

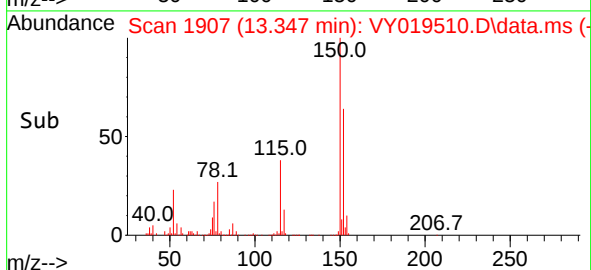
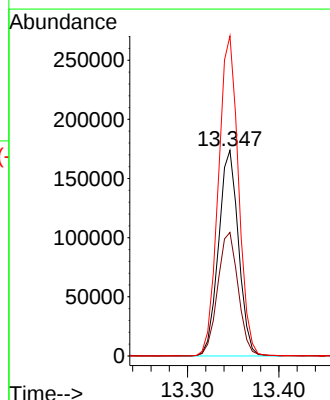
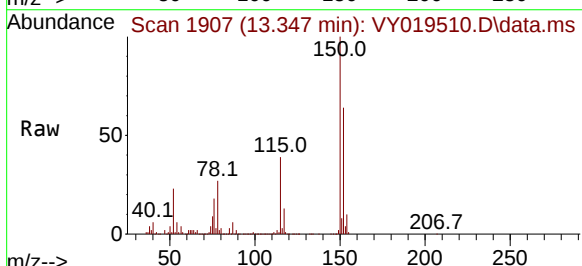
Tgt Ion:152 Resp: 263740

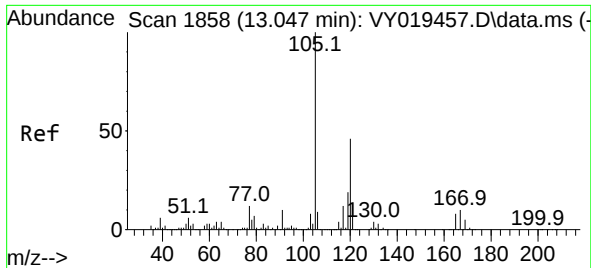
Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 156.7 0.0 345.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.380 ug/l
 RT: 13.042 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY019510.D
 Acq: 11 Sep 2024 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07091024

Tgt Ion:105 Resp: 36648
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.2 69.6

