

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012249.D
 Acq On : 18 Jan 2023 16:26
 Operator : KP/MD
 Sample : 01184-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-BOT-1RE

Quant Time: Jan 19 00:36:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

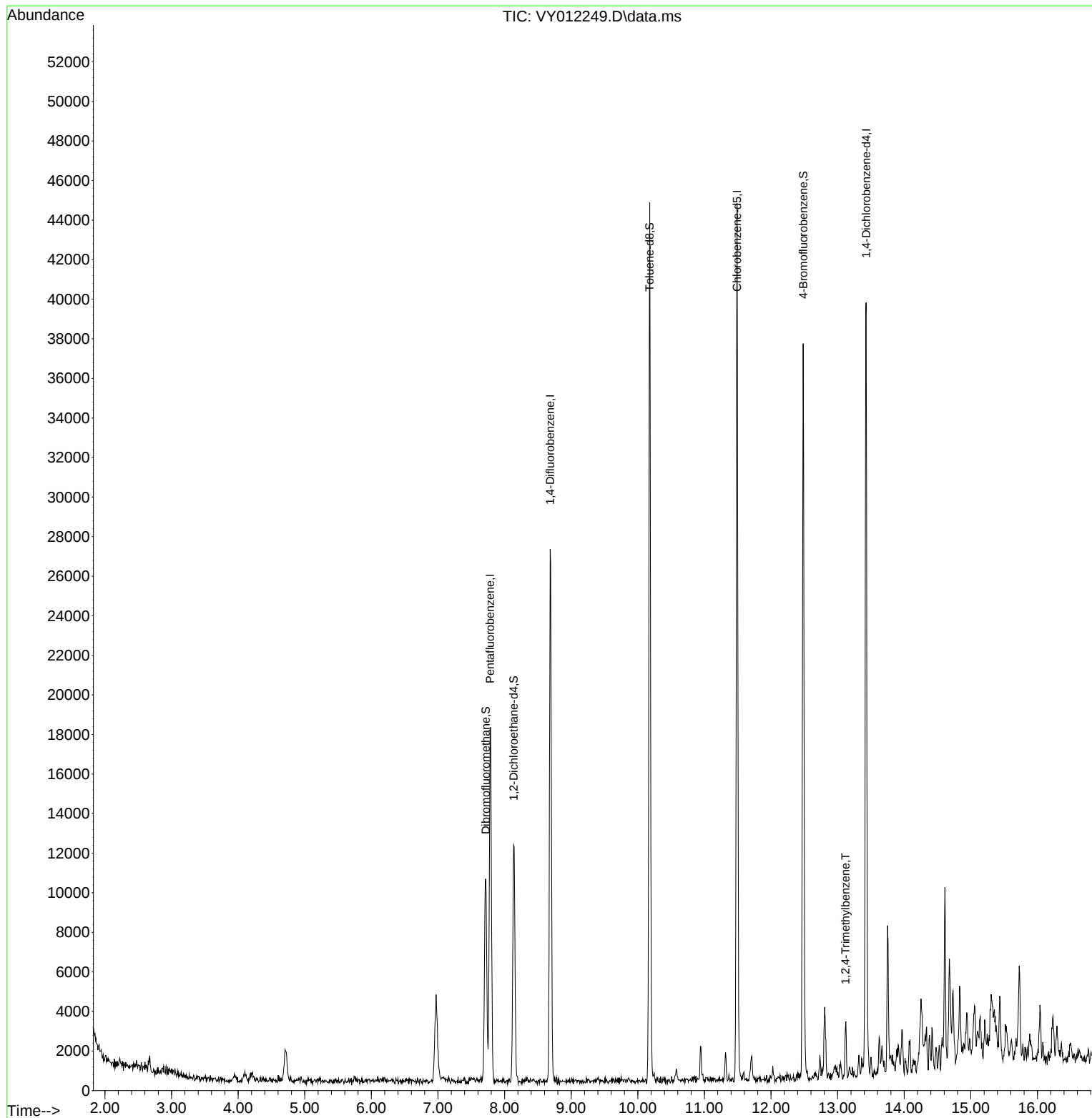
Internal Standards						
1) Pentafluorobenzene	7.783	168	14645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10504	89.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.300%#	
35) Dibromofluoromethane	7.716	113	7733	59.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.380%	
50) Toluene-d8	10.179	98	30003	68.432	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 136.860%	
62) 4-Bromofluorobenzene	12.483	95	10172	55.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.380%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	1786	2.636	ug/l	Qvalue 94

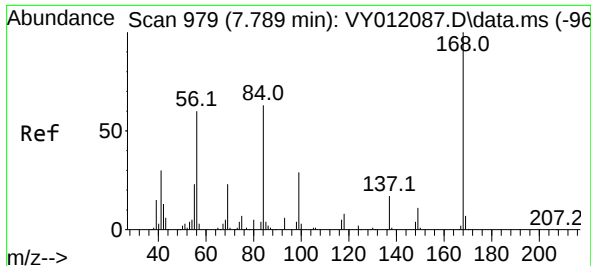
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
Data File : VY012249.D
Acq On : 18 Jan 2023 16:26
Operator : KP/MD
Sample : 01184-01RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
APNB-BOT-1RE

Quant Time: Jan 19 00:36:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

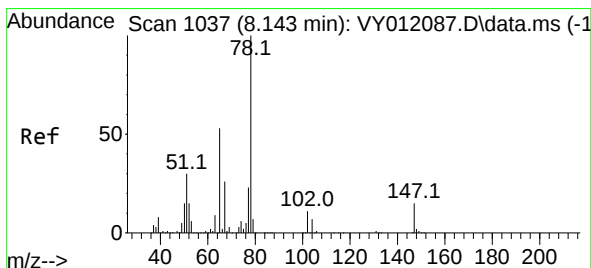
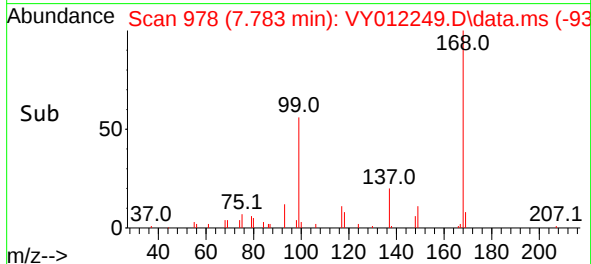
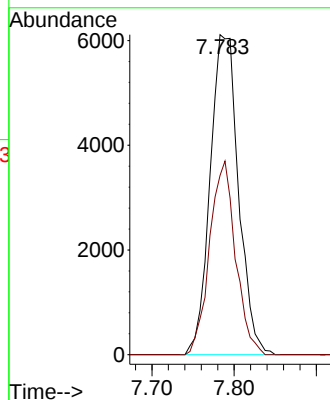
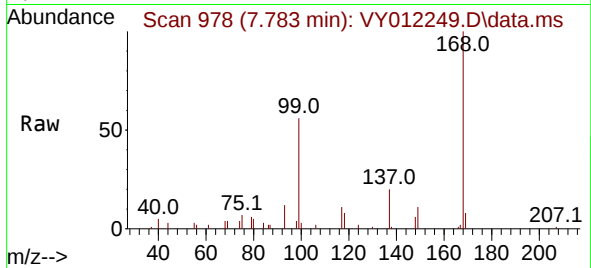




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012249.D
Acq: 18 Jan 2023 16:26

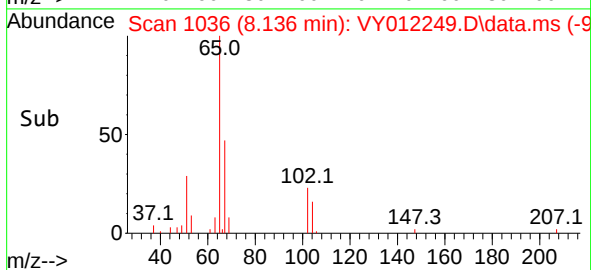
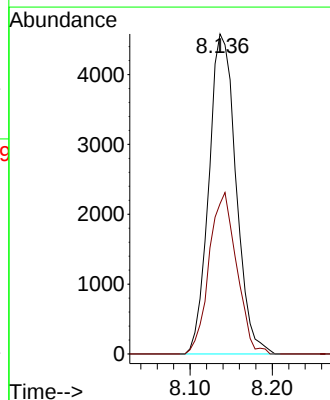
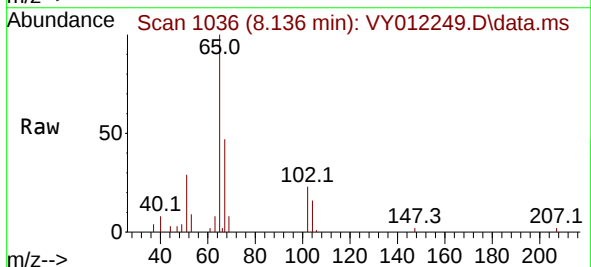
Instrument :
MSVOA_Y
ClientSampleId :
APNB-BOT-1RE

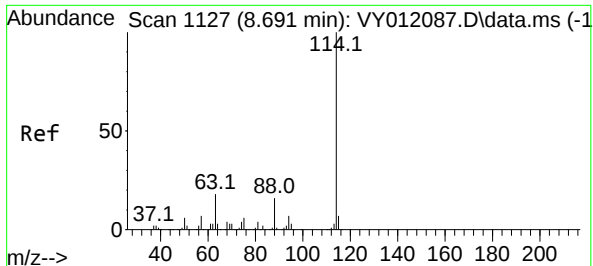
Tgt Ion:168 Resp: 14645
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 89.649 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012249.D
Acq: 18 Jan 2023 16:26

Tgt Ion: 65 Resp: 10504
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012249.D

Acq: 18 Jan 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

APNB-BOT-1RE

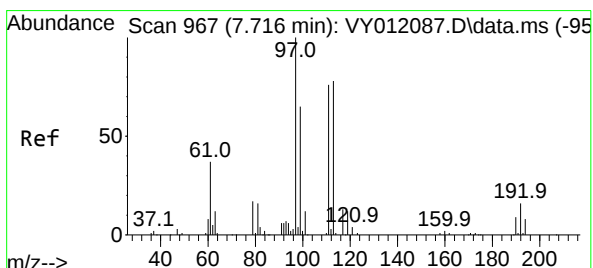
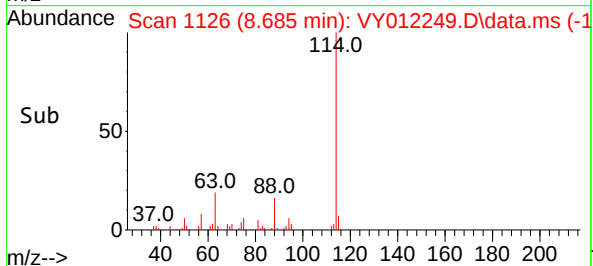
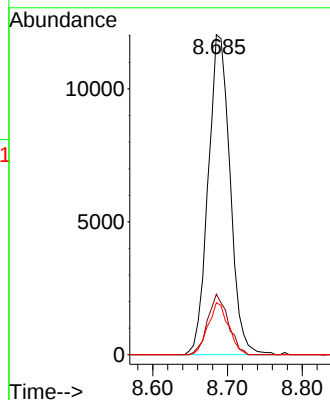
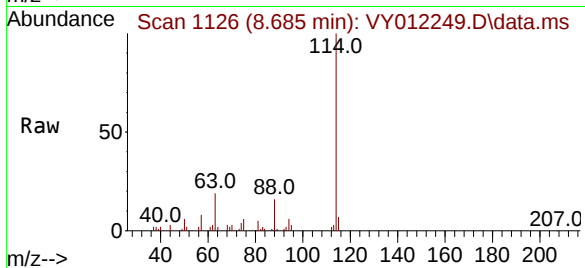
Tgt Ion:114 Resp: 24469

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 59.685 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012249.D

Acq: 18 Jan 2023 16:26

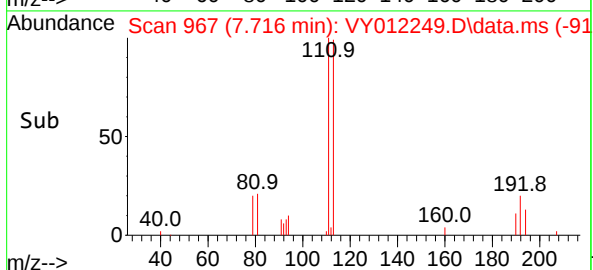
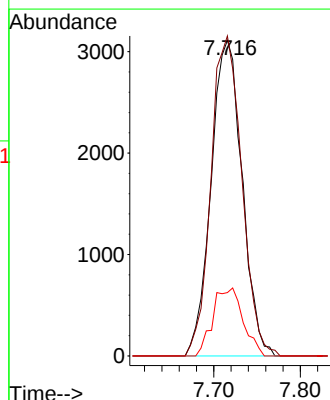
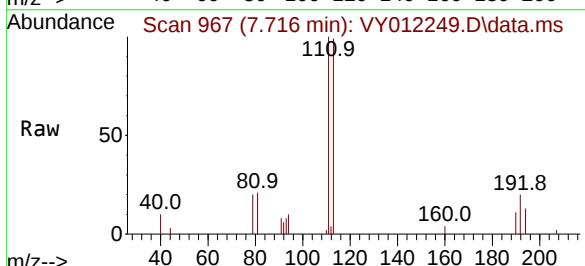
Tgt Ion:113 Resp: 7733

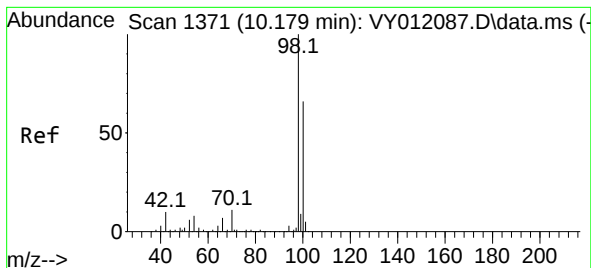
Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.4

192 21.0 16.0 24.0





#50

Toluene-d8

Concen: 68.432 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012249.D

Acq: 18 Jan 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

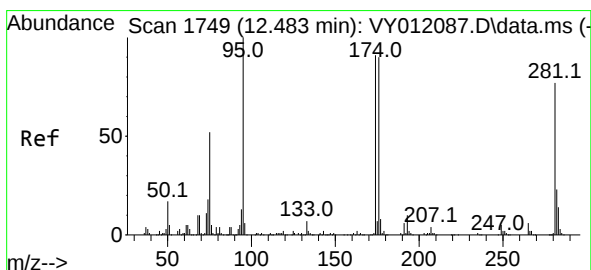
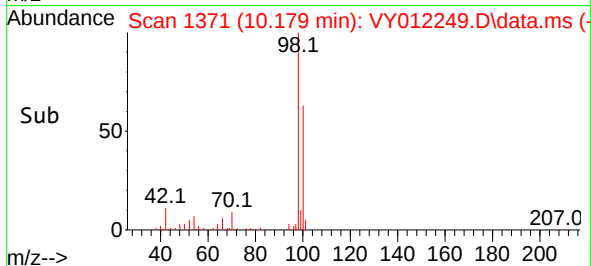
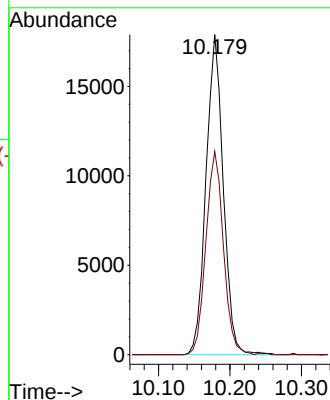
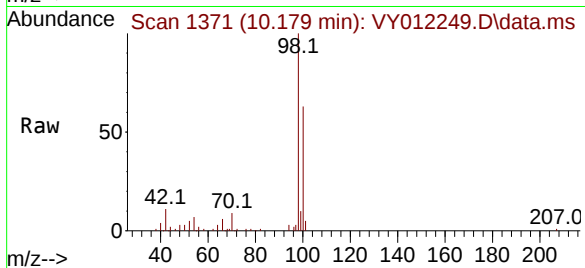
APNB-BOT-1RE

Tgt Ion: 98 Resp: 30003

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 55.693 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012249.D

Acq: 18 Jan 2023 16:26

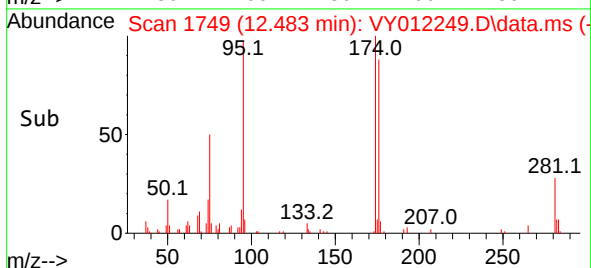
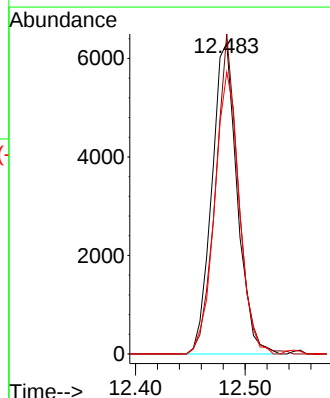
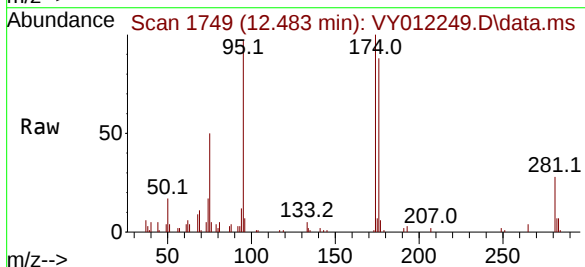
Tgt Ion: 95 Resp: 10172

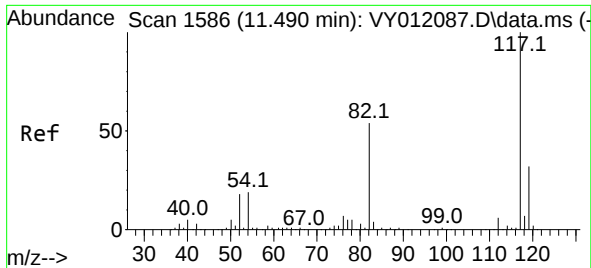
Ion Ratio Lower Upper

95 100

174 92.7 0.0 172.0

176 88.6 0.0 167.6

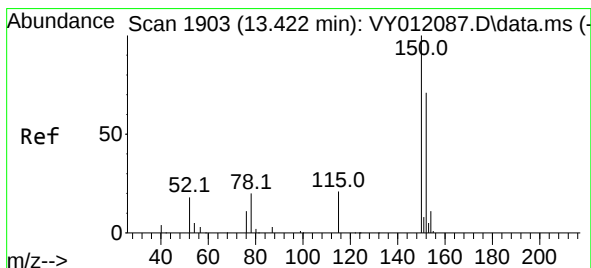
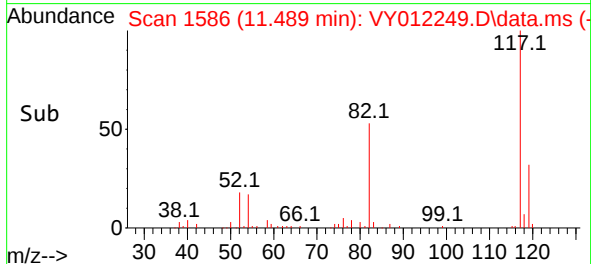
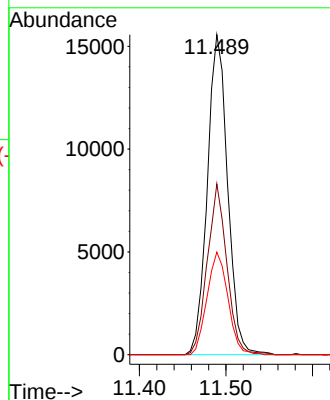
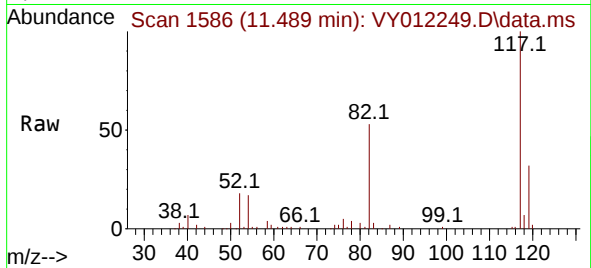




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012249.D
Acq: 18 Jan 2023 16:26

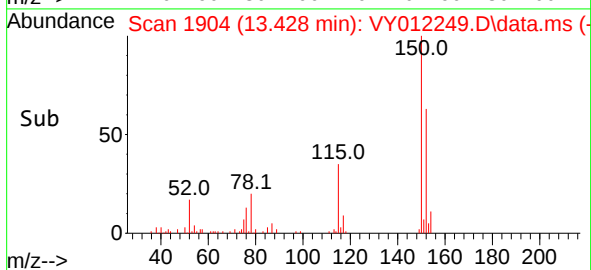
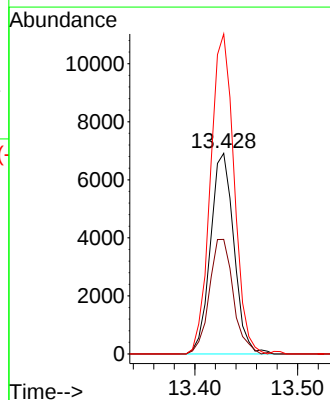
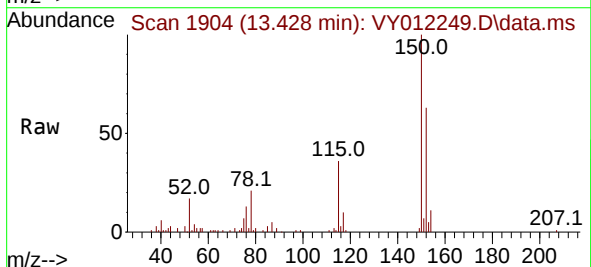
Instrument :
MSVOA_Y
ClientSampleId :
APNB-BOT-1RE

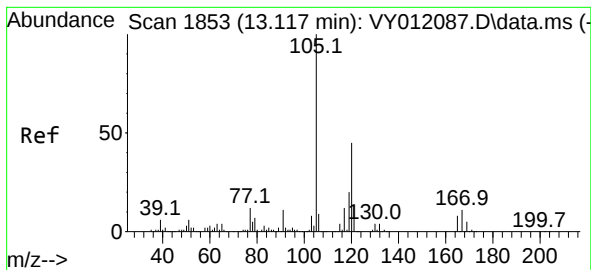
Tgt Ion:117 Resp: 25362
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012249.D
Acq: 18 Jan 2023 16:26

Tgt Ion:152 Resp: 10962
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.3
150 160.5 0.0 342.6





#84

1,2,4-Trimethylbenzene

Concen: 2.636 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012249.D

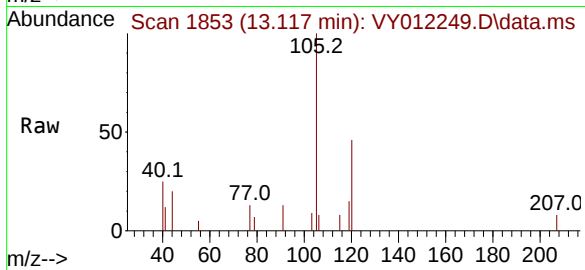
Acq: 18 Jan 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

APNB-BOT-1RE



Tgt Ion:105 Resp: 1786

Ion Ratio Lower Upper

105 100

120 49.5 22.9 68.7

