

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012239.D
 Acq On : 18 Jan 2023 12:24
 Operator : KP/MD
 Sample : 01184-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-BOT-1

Quant Time: Jan 19 00:34:53 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	5997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3818	79.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.200%
35) Dibromofluoromethane	7.716	113	1708	33.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.200%
50) Toluene-d8	10.179	98	11346	65.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.600%
62) 4-Bromofluorobenzene	12.483	95	3668	51.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.380%

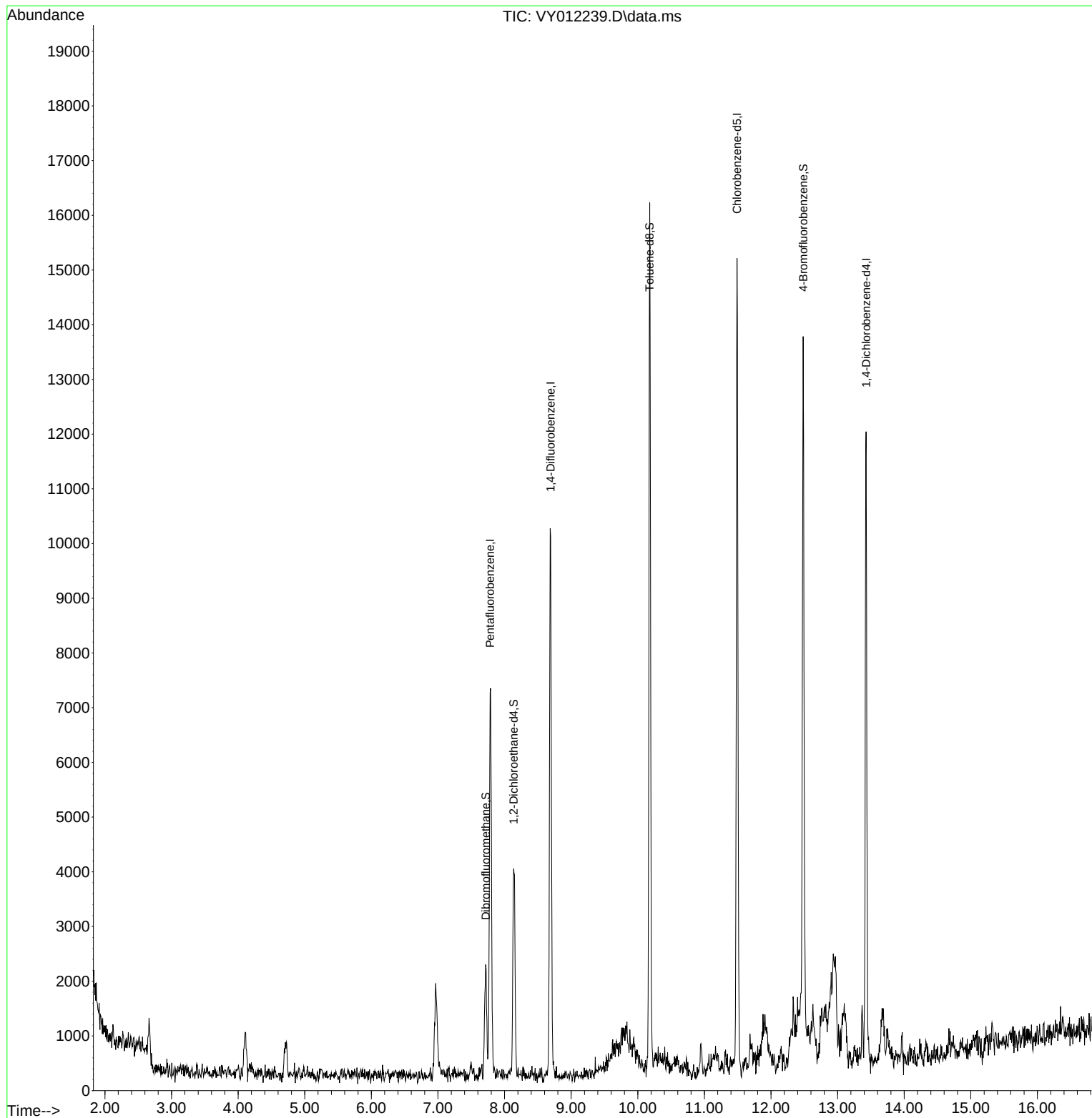
Target Compounds	Qvalue

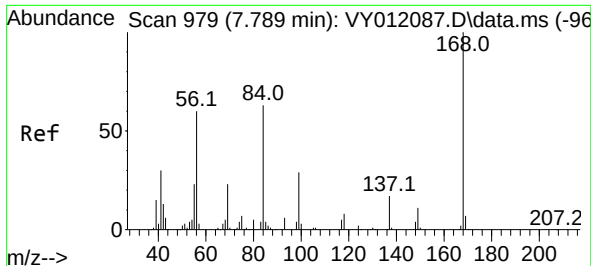
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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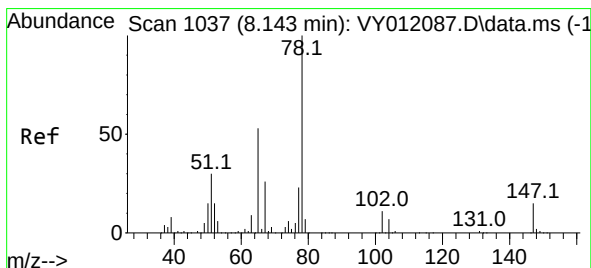
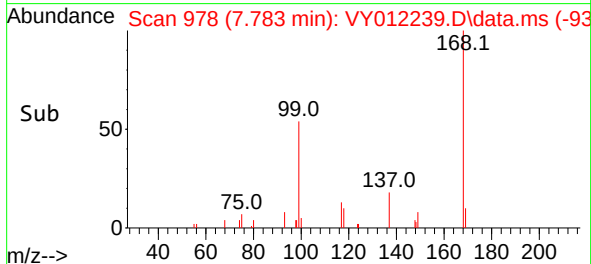
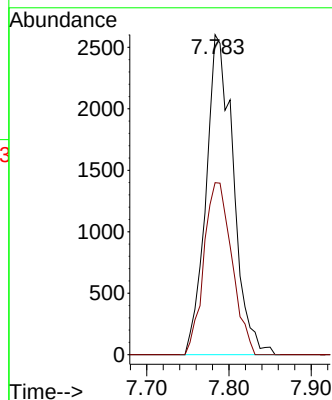
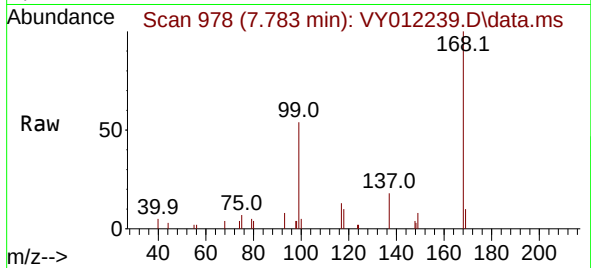




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012239.D
Acq: 18 Jan 2023 12:24

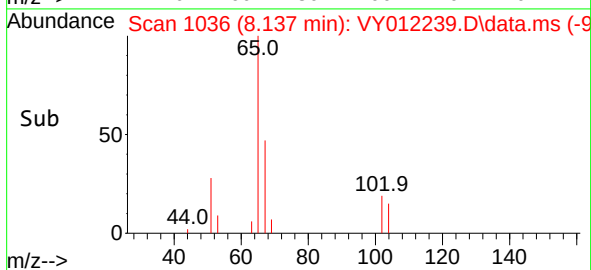
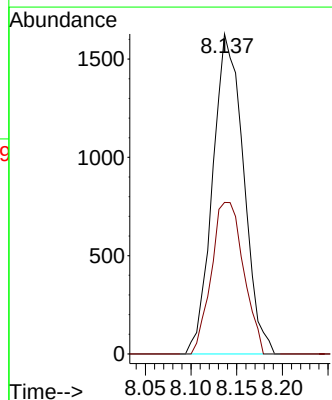
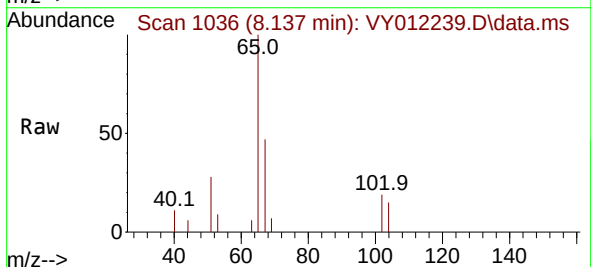
Instrument :
MSVOA_Y
ClientSampleId :
APNB-BOT-1

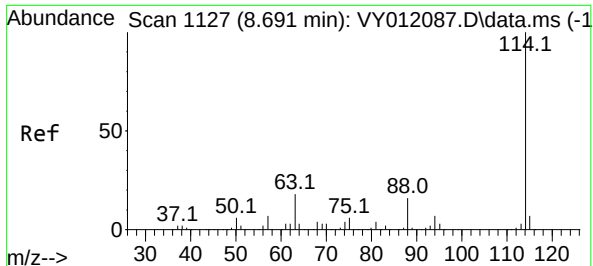
Tgt Ion:168 Resp: 5997
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 79.096 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012239.D
Acq: 18 Jan 2023 12:24

Tgt Ion: 65 Resp: 3818
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012239.D

Acq: 18 Jan 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

APNB-BOT-1

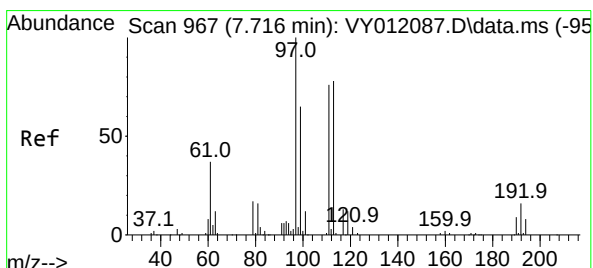
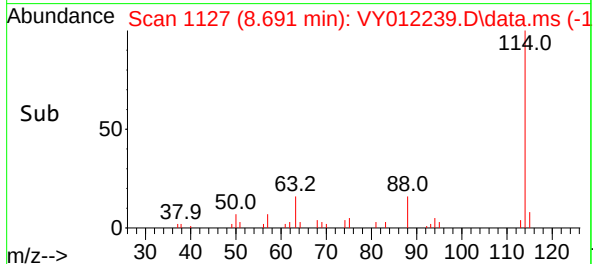
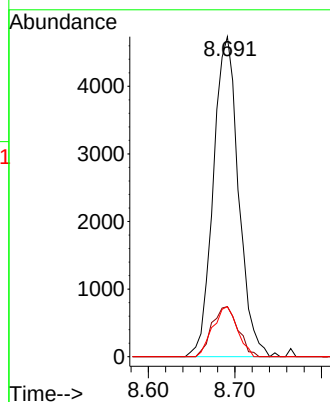
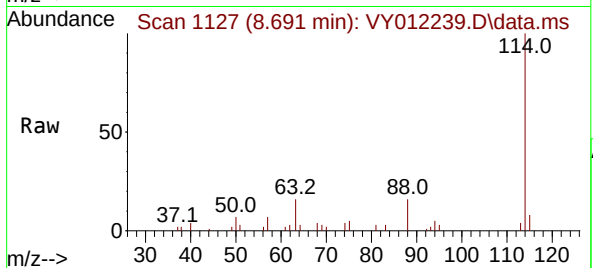
Tgt Ion:114 Resp: 9599

Ion Ratio Lower Upper

114 100

63 15.7 0.0 39.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 33.604 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012239.D

Acq: 18 Jan 2023 12:24

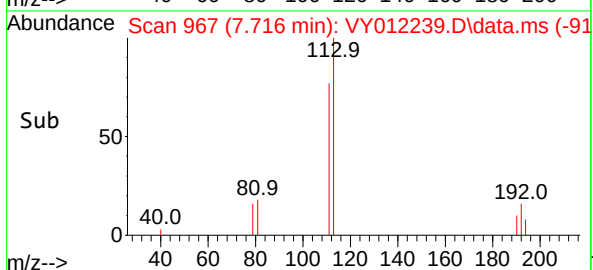
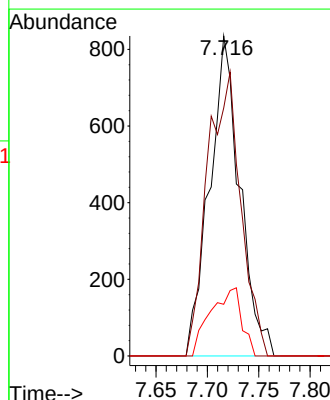
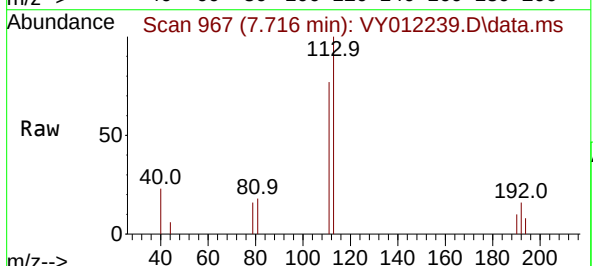
Tgt Ion:113 Resp: 1708

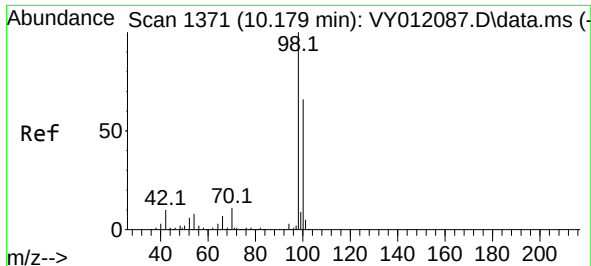
Ion Ratio Lower Upper

113 100

111 98.1 83.0 124.4

192 22.0 16.0 24.0

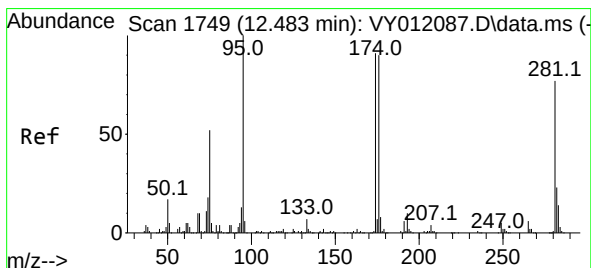
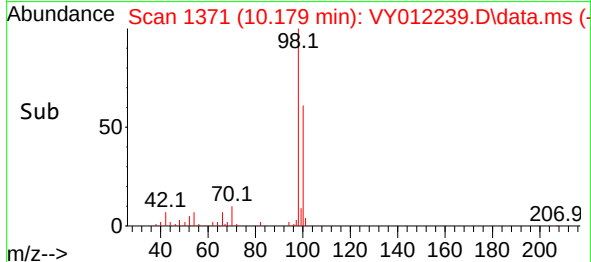
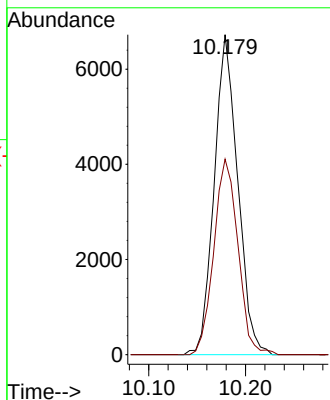
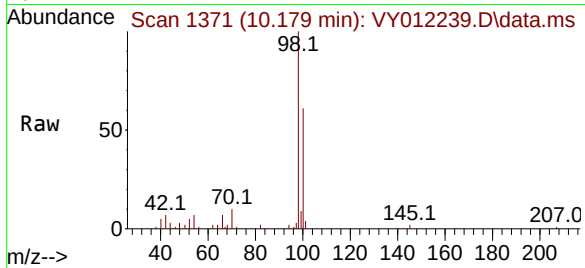




#50
Toluene-d8
Concen: 65.796 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012239.D
Acq: 18 Jan 2023 12:24

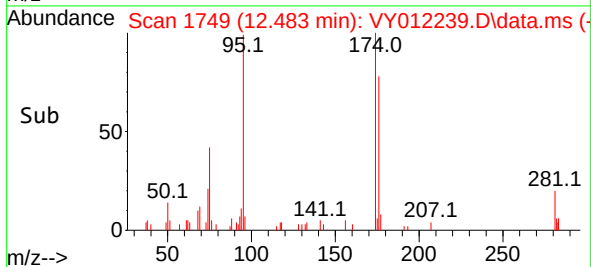
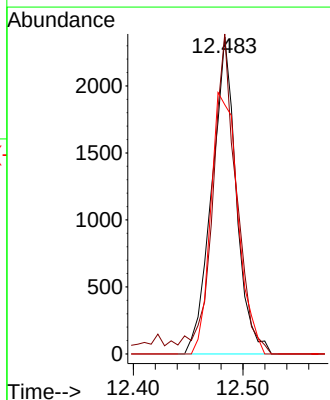
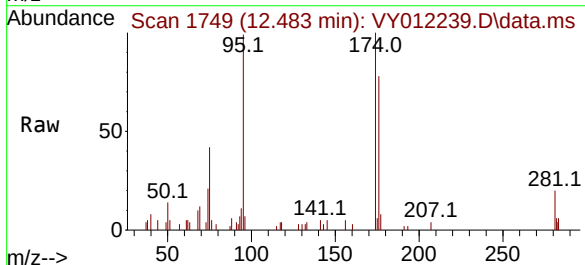
Instrument :
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APNB-BOT-1

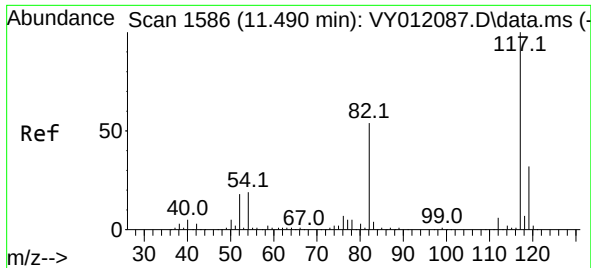
Tgt Ion: 98 Resp: 11346
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.193 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012239.D
Acq: 18 Jan 2023 12:24

Tgt Ion: 95 Resp: 3668
Ion Ratio Lower Upper
95 100
174 96.8 0.0 172.0
176 91.5 0.0 167.6

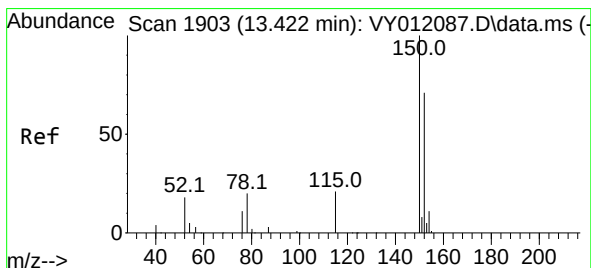
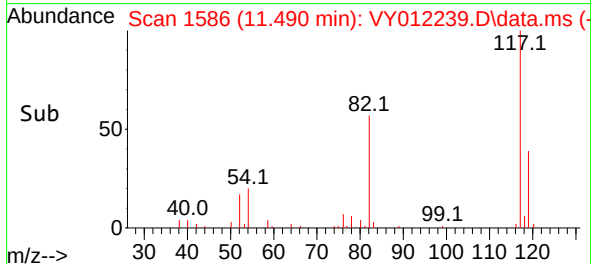
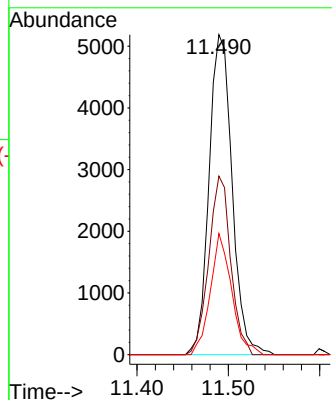
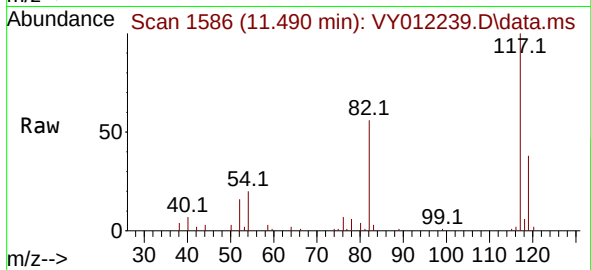




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012239.D
Acq: 18 Jan 2023 12:24

Instrument :
MSVOA_Y
ClientSampleId :
APNB-BOT-1

Tgt Ion:117 Resp: 9085
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 37.9 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: VY012239.D
Acq: 18 Jan 2023 12:24

Tgt Ion:152 Resp: 3543
Ion Ratio Lower Upper
152 100
115 55.8 29.1 87.3
150 151.6 0.0 342.6

