

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012242.D
 Acq On : 18 Jan 2023 13:34
 Operator : KP/MD
 Sample : 01184-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-NORTH

Quant Time: Jan 19 00:35:20 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	7.789	168	136755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78801	71.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.360%
35) Dibromofluoromethane	7.715	113	66895	56.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.640%
50) Toluene-d8	10.178	98	266051	66.040	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.080%
62) 4-Bromofluorobenzene	12.483	95	85910	51.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.620%

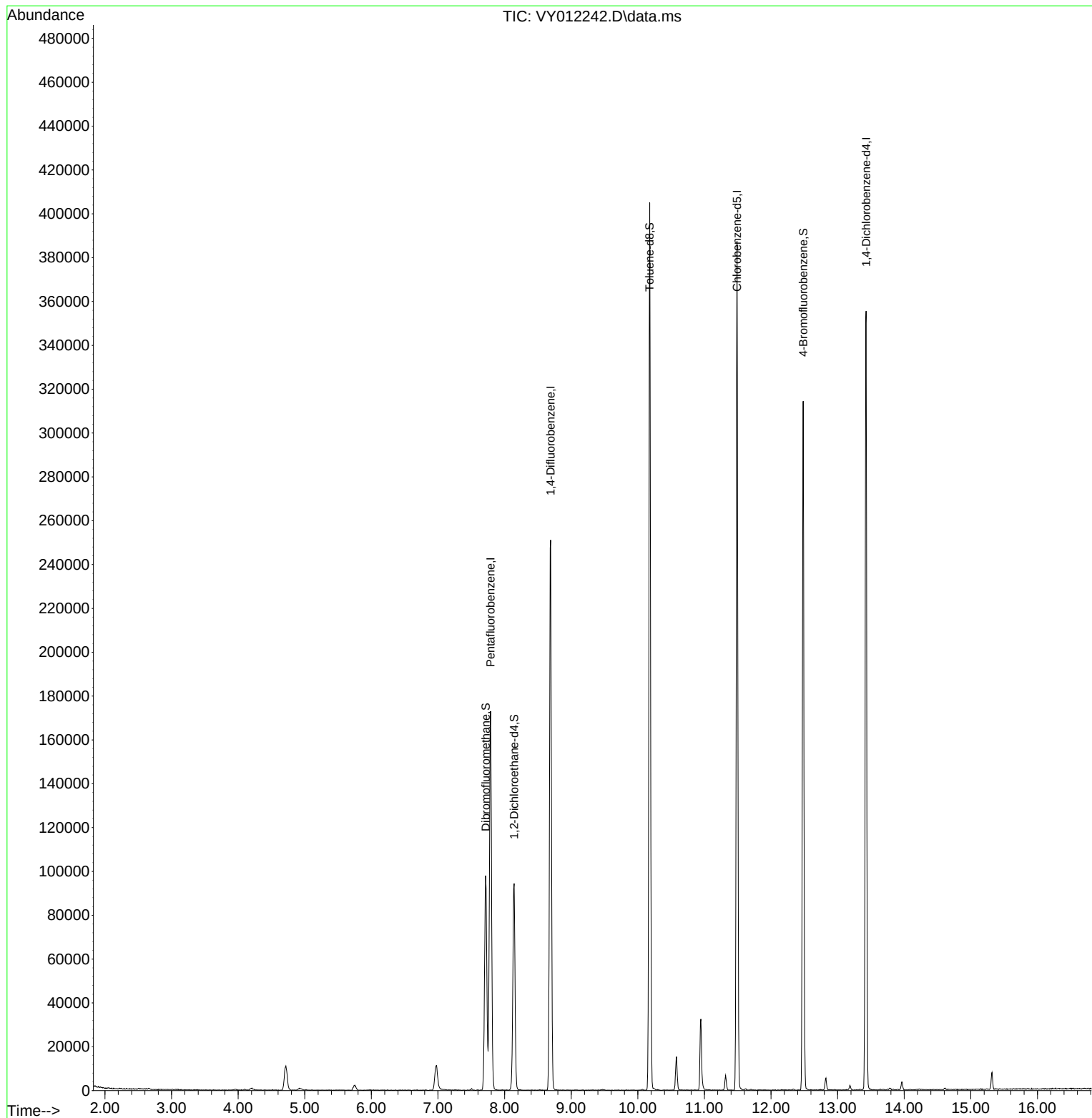
Target Compounds	Qvalue

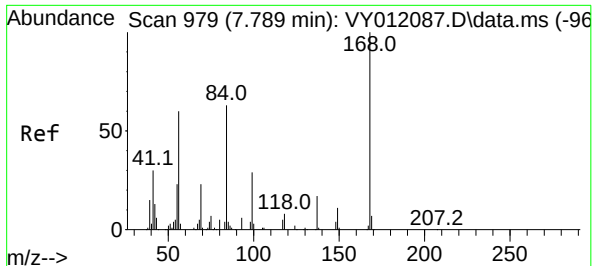
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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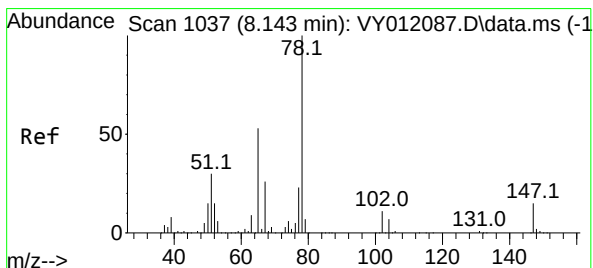
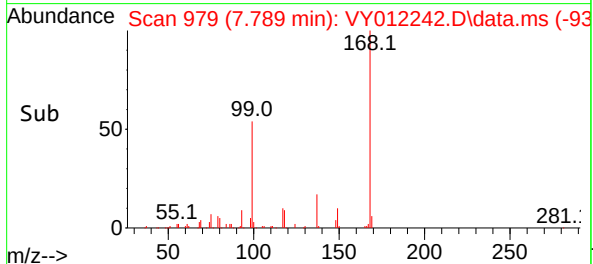
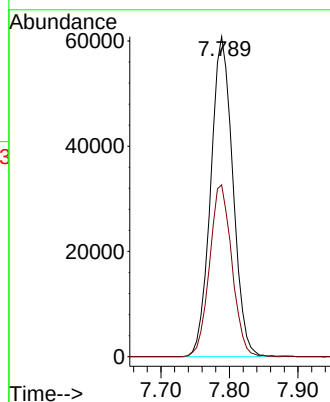
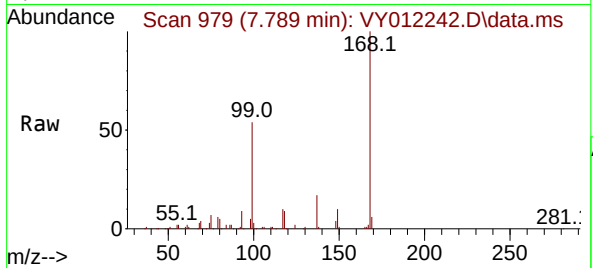




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

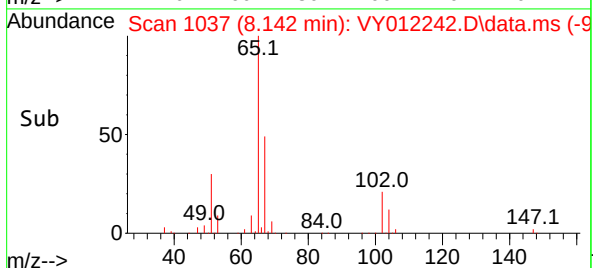
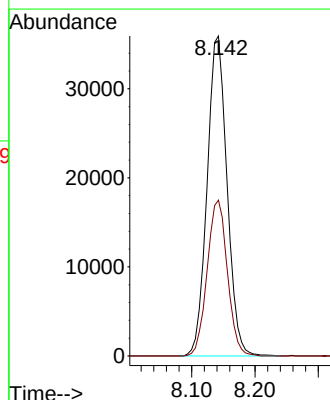
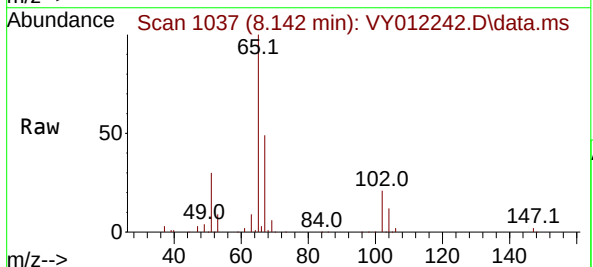
Instrument :
MSVOA_Y
ClientSampleId :
APNB-NORTH

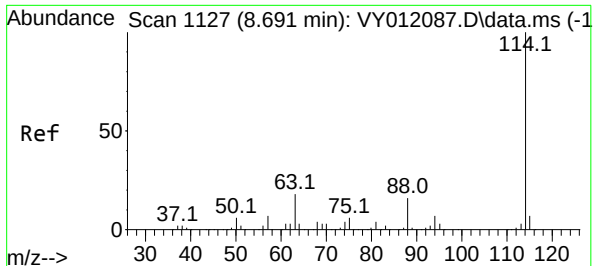
Tgt Ion:168 Resp: 136755
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 71.183 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion: 65 Resp: 78801
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: VY012242.D

Acq: 18 Jan 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

APNB-NORTH

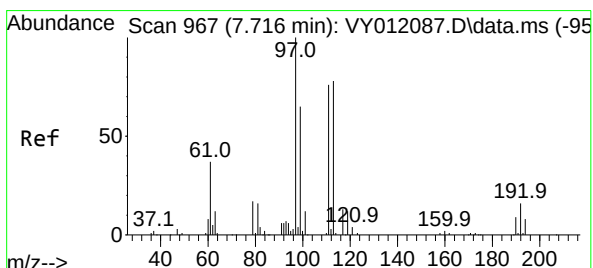
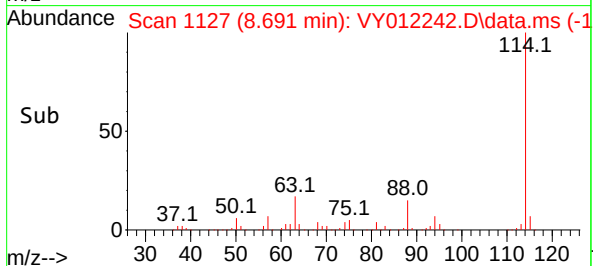
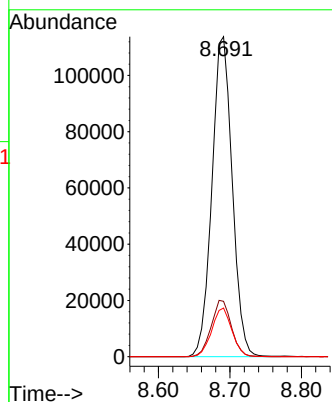
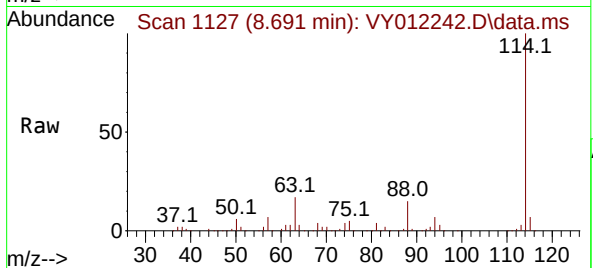
Tgt Ion:114 Resp: 224308

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.323 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012242.D

Acq: 18 Jan 2023 13:34

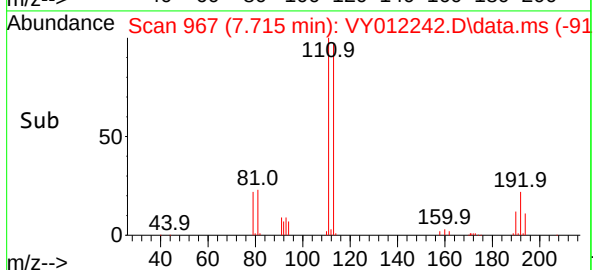
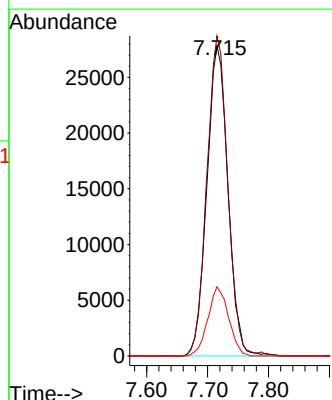
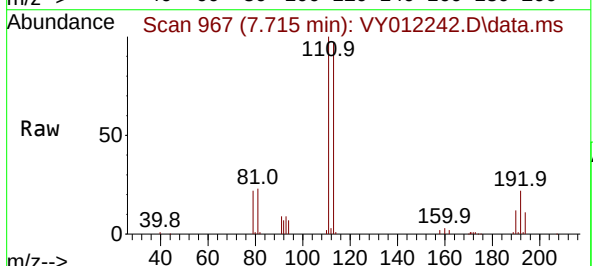
Tgt Ion:113 Resp: 66895

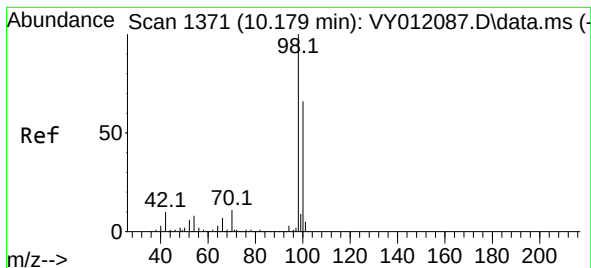
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 21.9 16.0 24.0

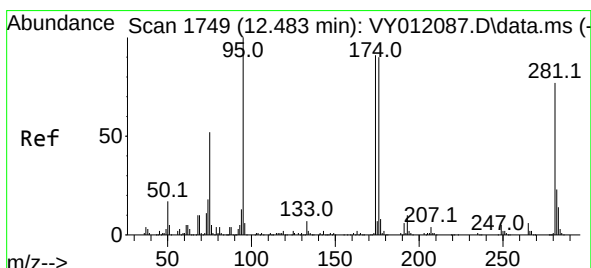
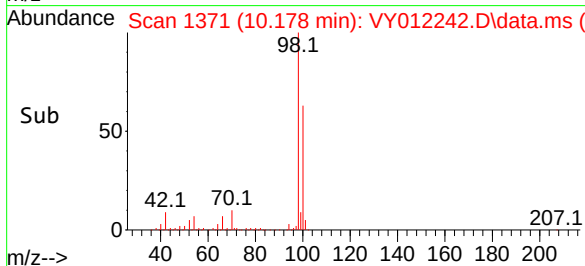
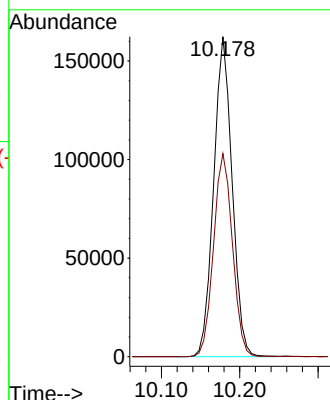
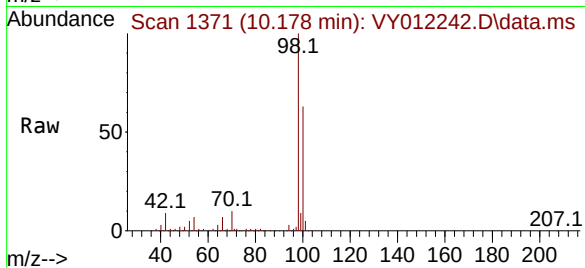




#50
Toluene-d8
Concen: 66.040 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

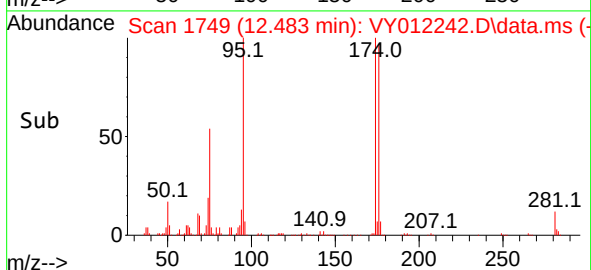
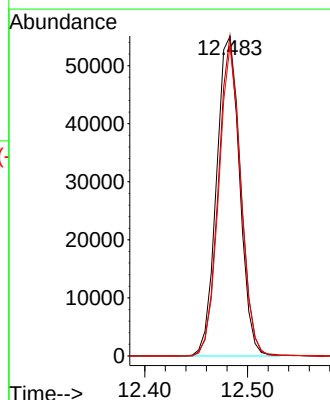
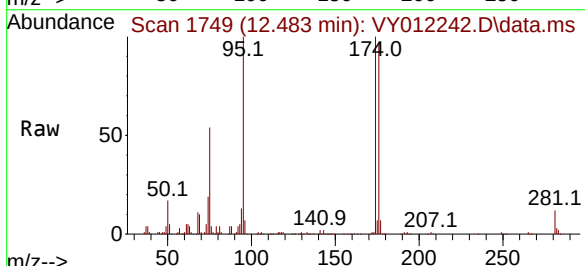
Instrument :
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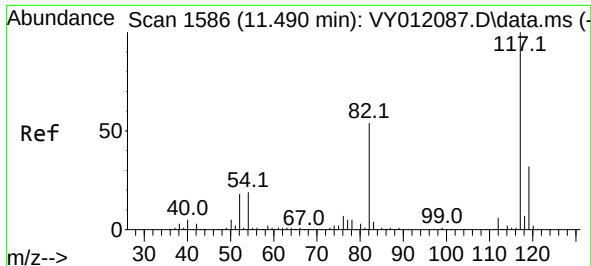
Tgt Ion: 98 Resp: 266051
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion: 95 Resp: 85910
Ion Ratio Lower Upper
95 100
174 96.3 0.0 172.0
176 92.4 0.0 167.6

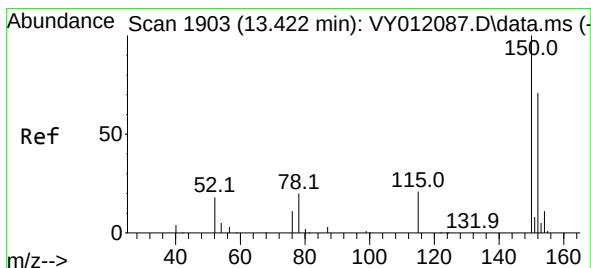
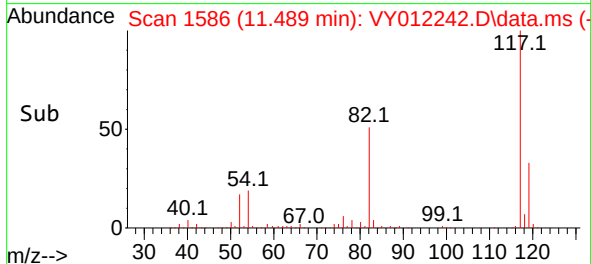
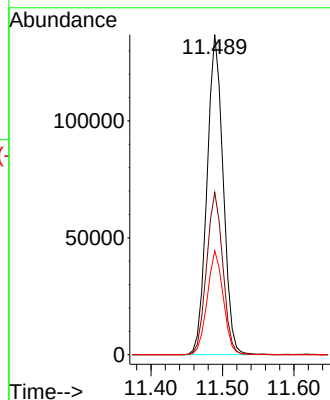
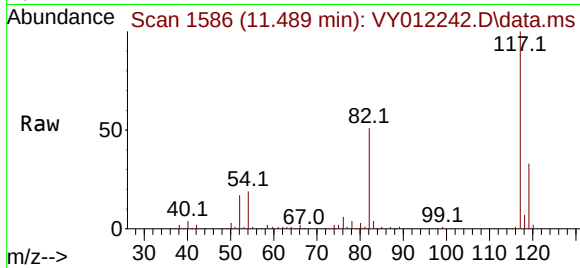




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :
APNB-NORTH

Tgt Ion:117 Resp: 214666
Ion Ratio Lower Upper
117 100
82 50.7 44.8 67.2
119 32.5 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: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion:152 Resp: 98853
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 155.4 0.0 342.6

