

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008002.D
 Acq On : 22 Mar 2022 15:55
 Operator : SY/MD
 Sample : N2027-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-031822

Quant Time: Mar 23 05:08:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	238660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	445874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	412727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	152183	55.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.860%
35) Dibromofluoromethane	7.716	113	140117	44.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.500%
50) Toluene-d8	10.179	98	549180	59.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.320%
62) 4-Bromofluorobenzene	12.483	95	190748	42.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%

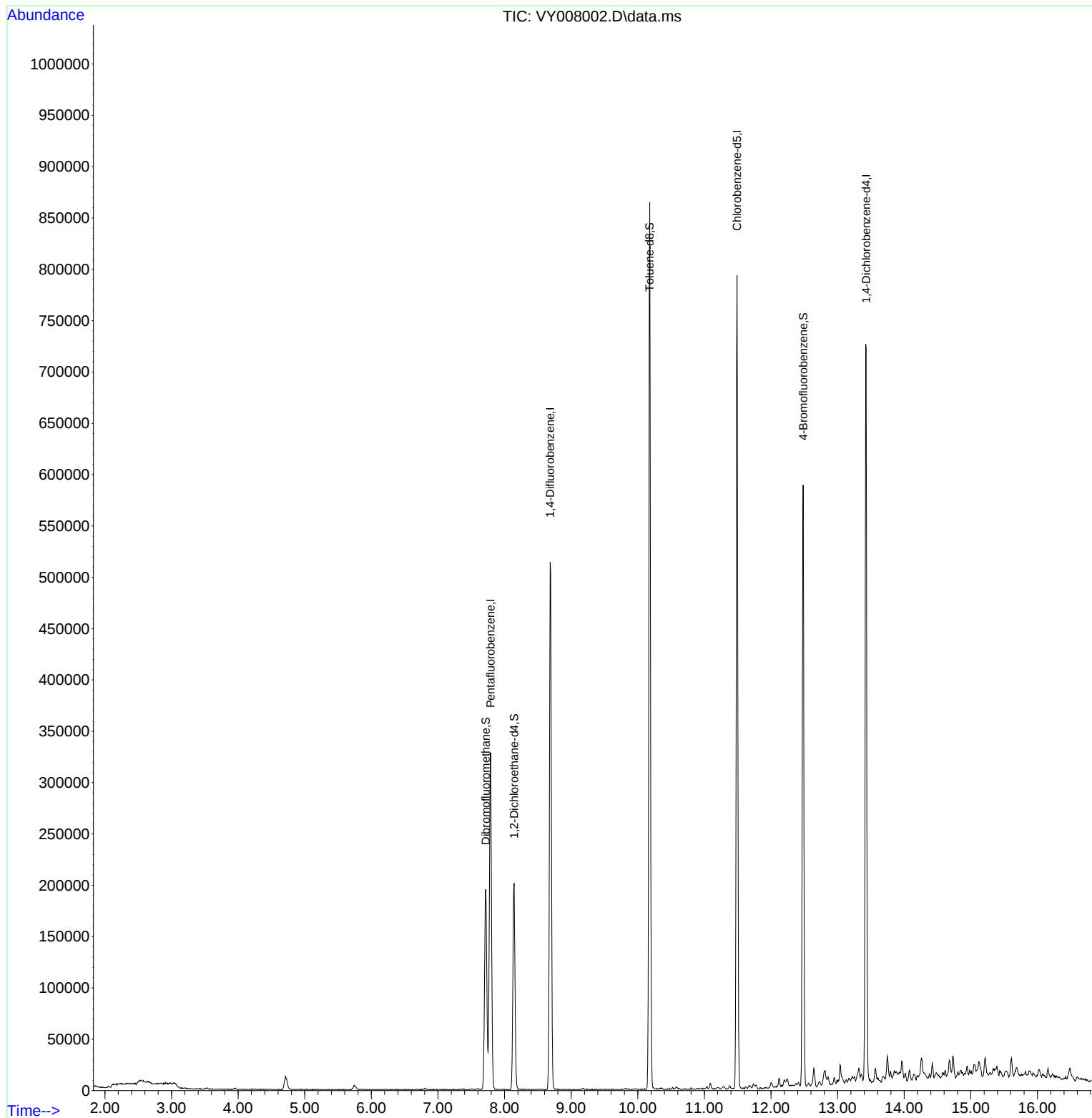
Target Compounds	Qvalue

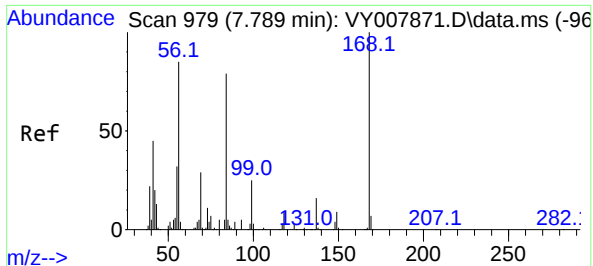
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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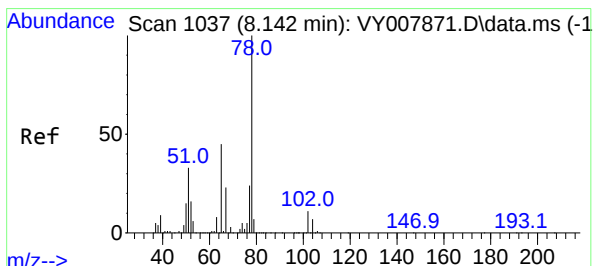
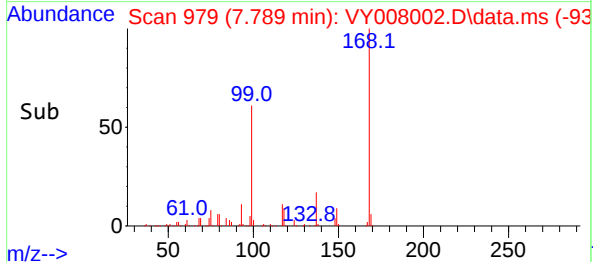
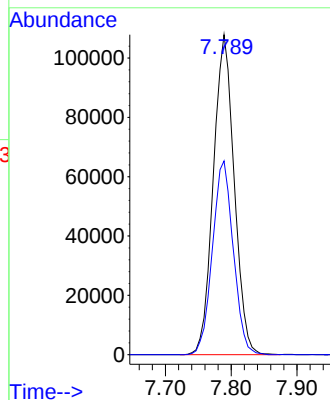
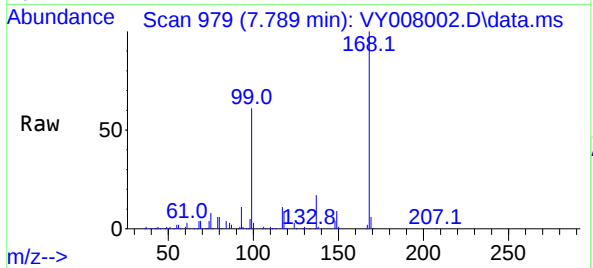




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

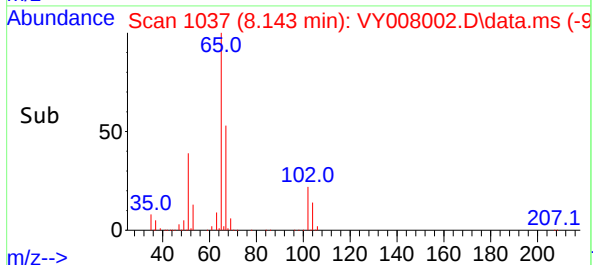
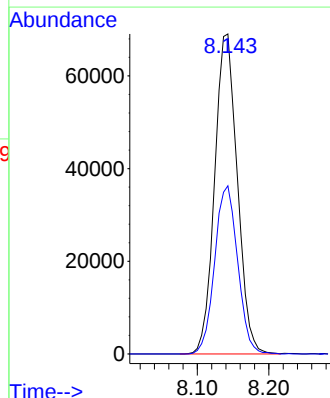
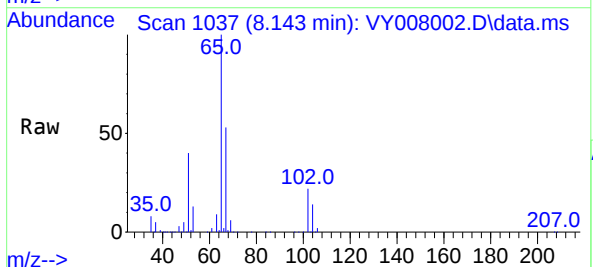
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

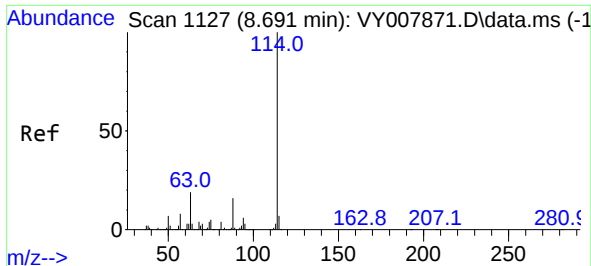
Tgt Ion:168 Resp: 238660
Ion Ratio Lower Upper
168 100
99 60.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.926 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 65 Resp: 152183
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008002.D

Acq: 22 Mar 2022 15:55

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-031822

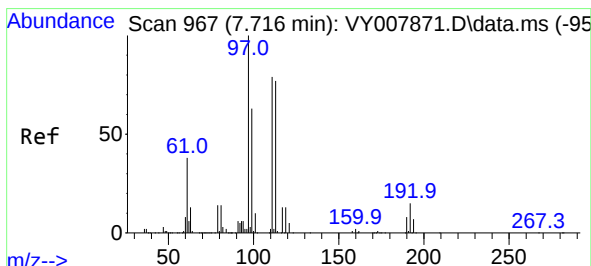
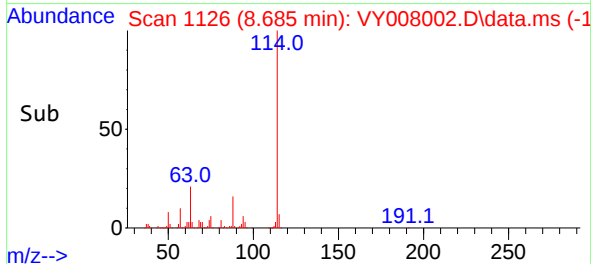
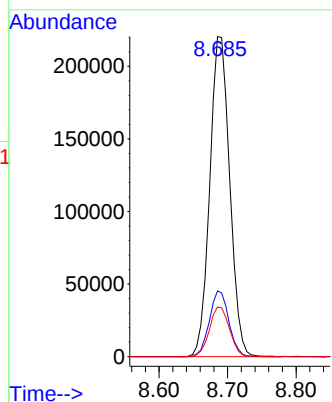
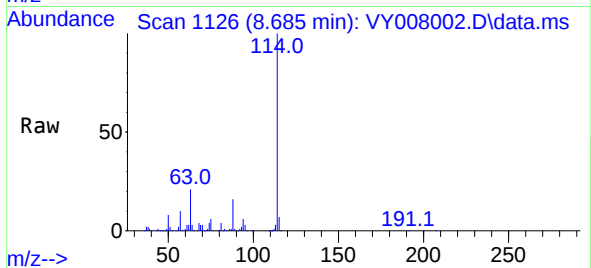
Tgt Ion:114 Resp: 445874

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.747 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008002.D

Acq: 22 Mar 2022 15:55

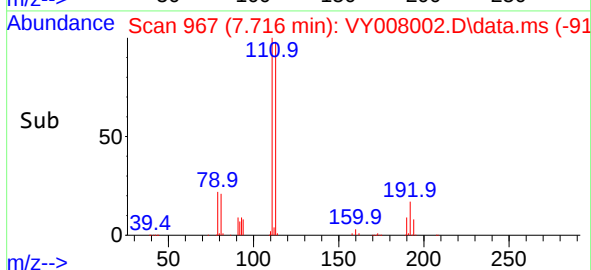
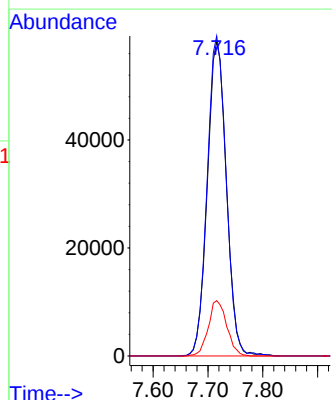
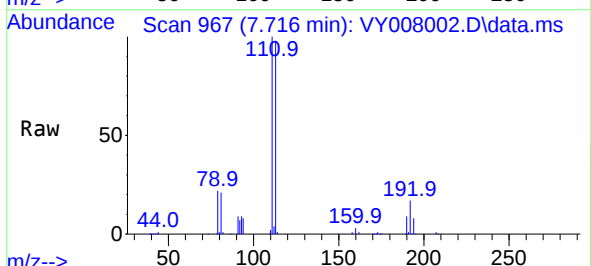
Tgt Ion:113 Resp: 140117

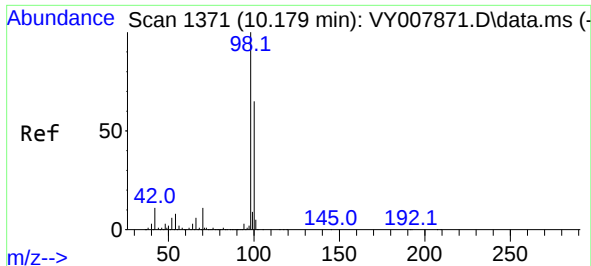
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 17.1 17.6 26.4#

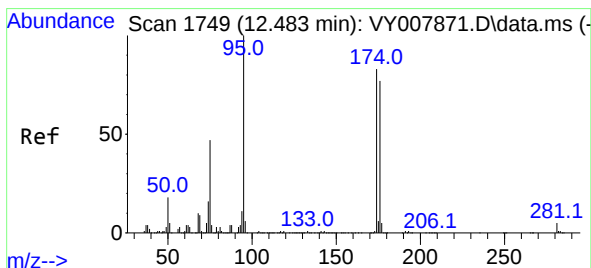
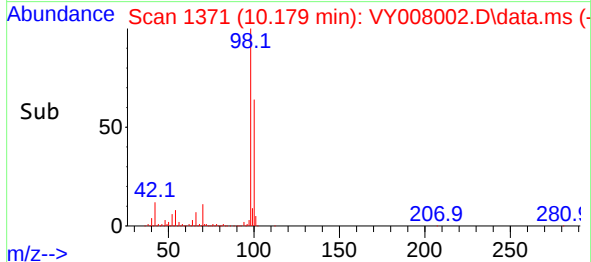
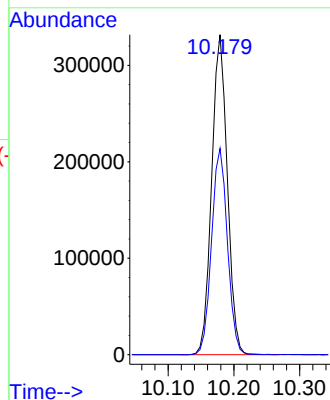
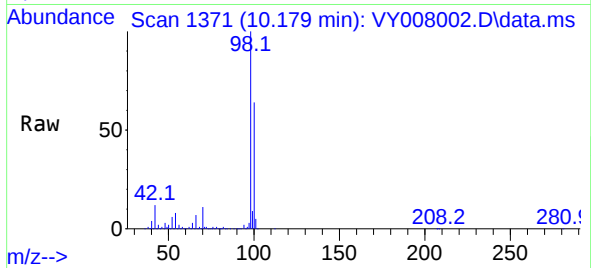




#50
Toluene-d8
Concen: 59.157 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

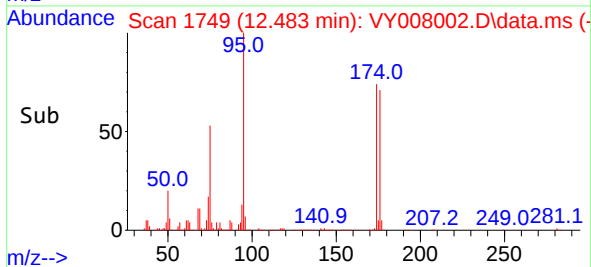
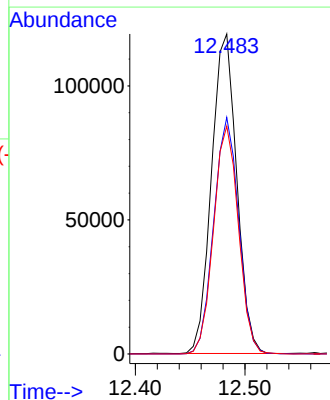
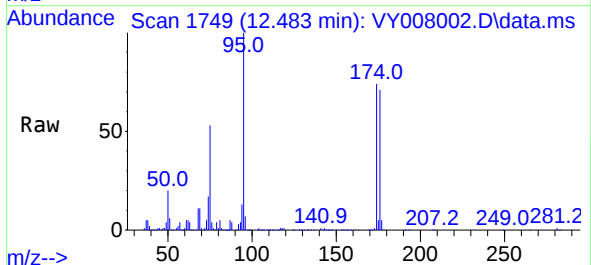
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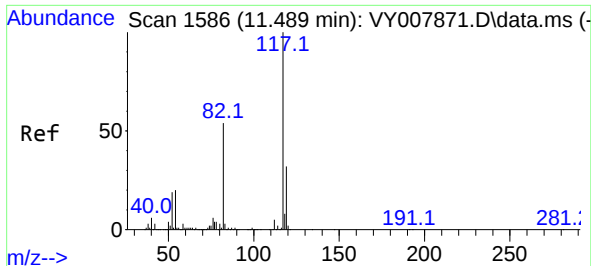
Tgt Ion: 98 Resp: 549180
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion: 95 Resp: 190748
Ion Ratio Lower Upper
95 100
174 73.1 0.0 177.0
176 70.2 0.0 175.8

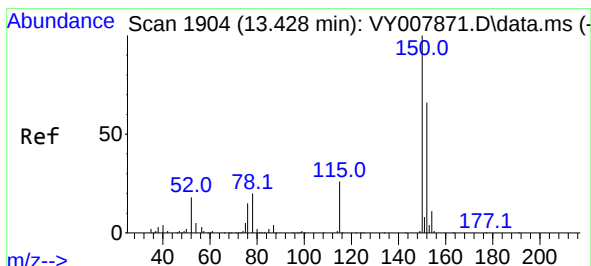
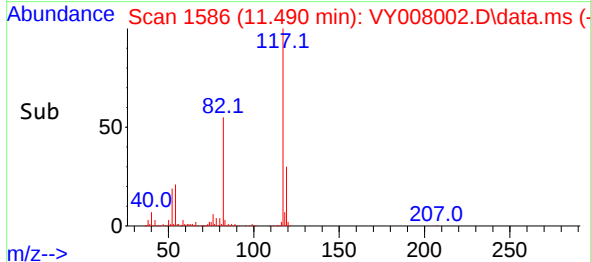
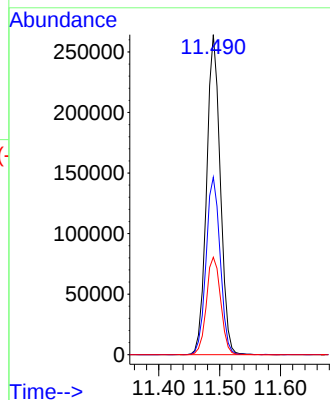
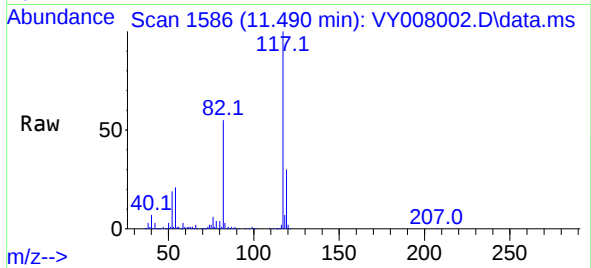




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-031822

Tgt Ion:117 Resp: 412727
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 30.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008002.D
Acq: 22 Mar 2022 15:55

Tgt Ion:152 Resp: 175484
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.7
150 158.6 0.0 347.6

