

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010622.D
 Acq On : 22 Sep 2022 15:05
 Operator : KP/MD
 Sample : N4752-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-092122

Quant Time: Sep 23 09:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	7577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4311	59.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.960%
35) Dibromofluoromethane	7.709	113	1632	19.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.620%#
50) Toluene-d8	10.179	98	11547	38.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.360%
62) 4-Bromofluorobenzene	12.483	95	3284	27.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.740%

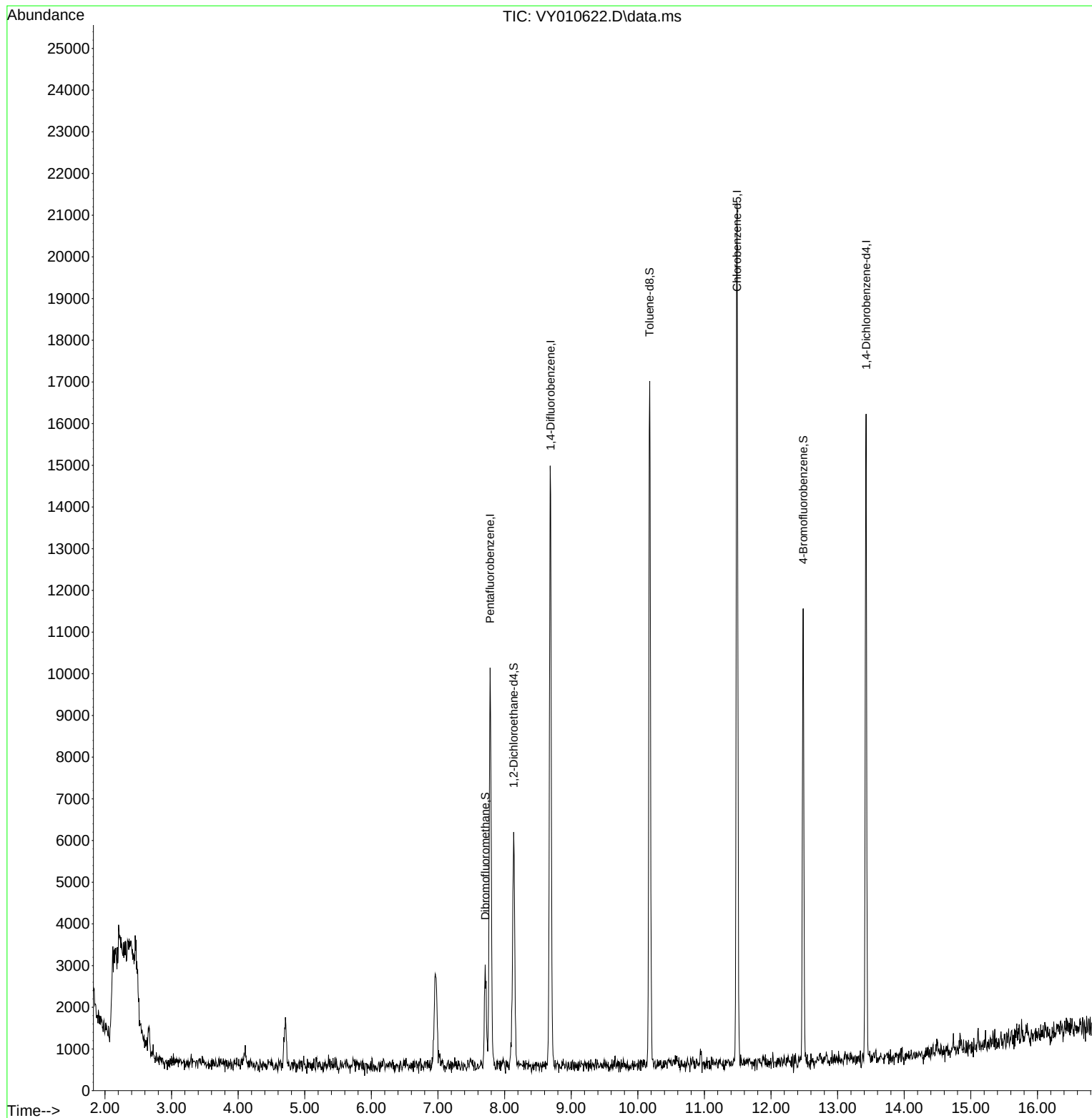
Target Compounds	Qvalue

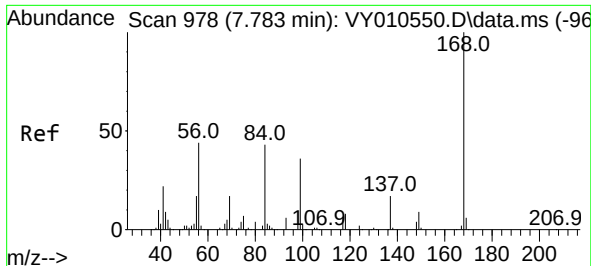
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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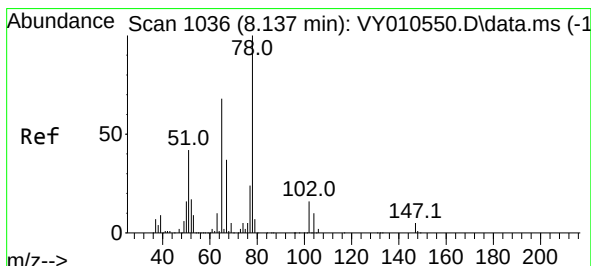
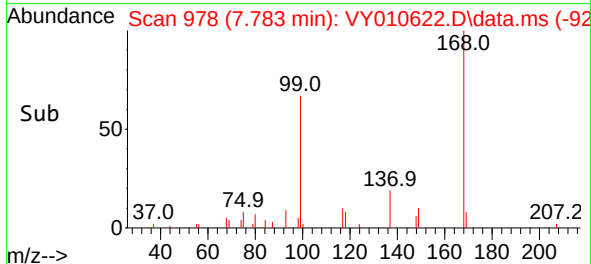
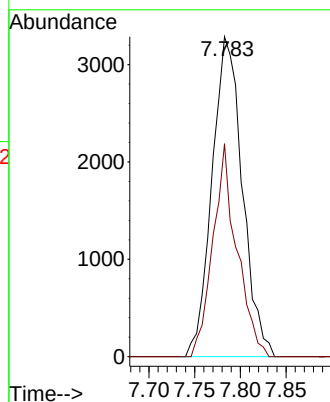
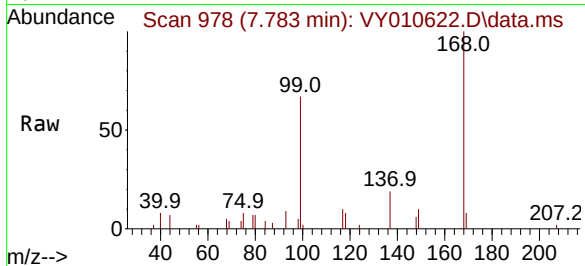




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010622.D
Acq: 22 Sep 2022 15:05

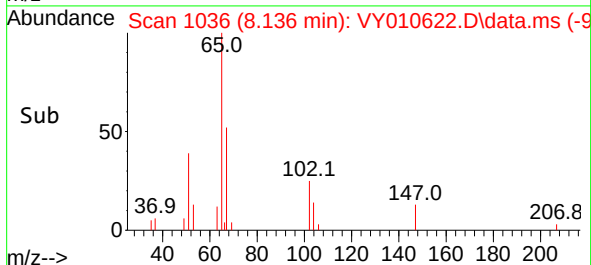
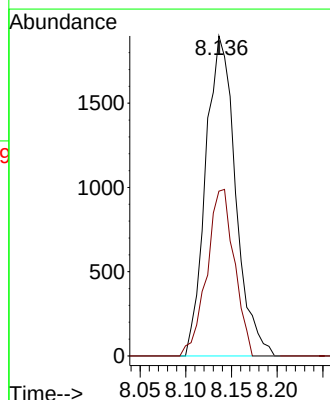
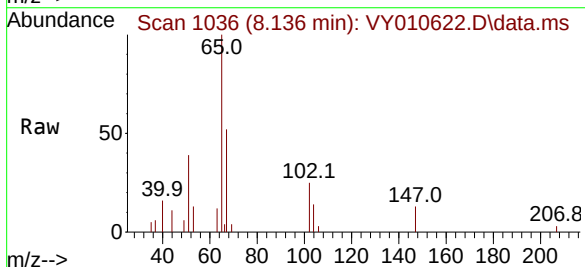
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-092122

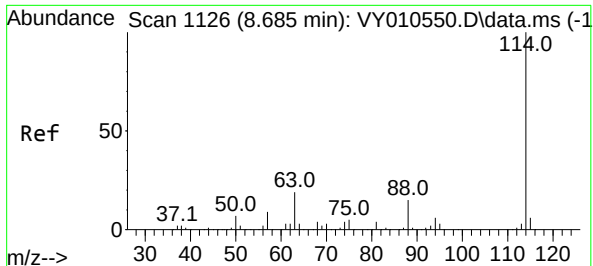
Tgt Ion:168 Resp: 7577
Ion Ratio Lower Upper
168 100
99 66.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.485 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010622.D
Acq: 22 Sep 2022 15:05

Tgt Ion: 65 Resp: 4311
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010622.D

Acq: 22 Sep 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-092122

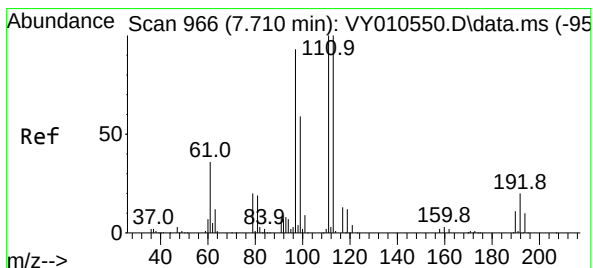
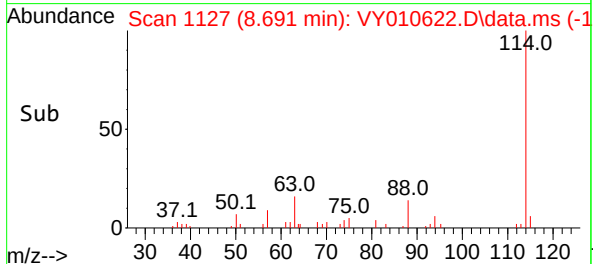
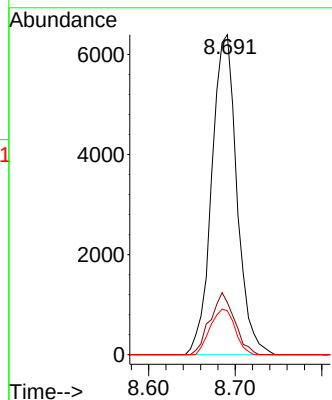
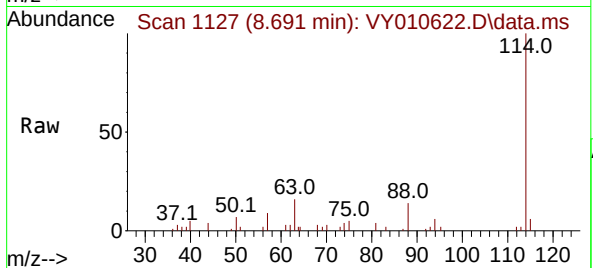
Tgt Ion:114 Resp: 12909

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 19.809 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010622.D

Acq: 22 Sep 2022 15:05

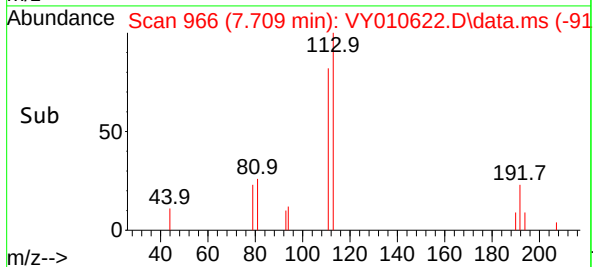
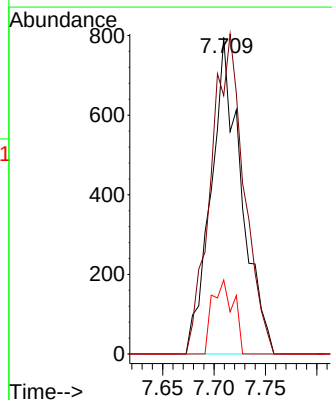
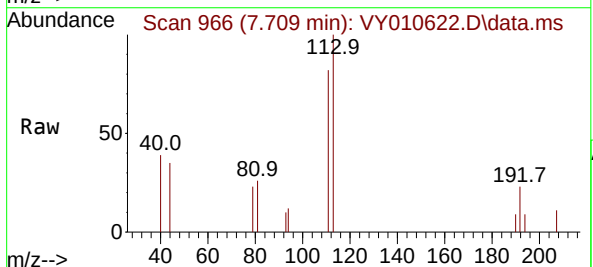
Tgt Ion:113 Resp: 1632

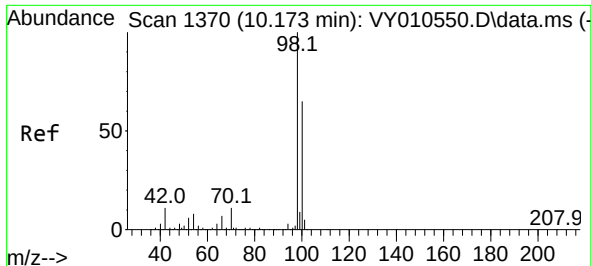
Ion Ratio Lower Upper

113 100

111 110.7 82.6 124.0

192 16.3 17.6 26.4#

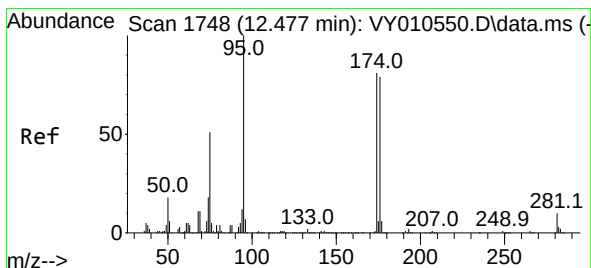
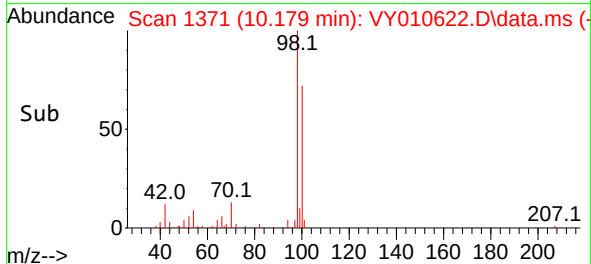
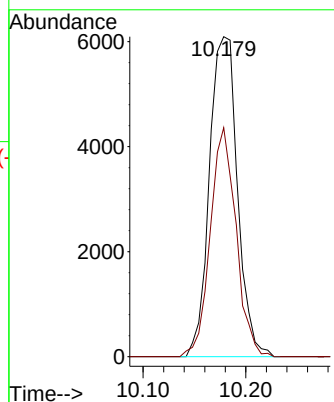
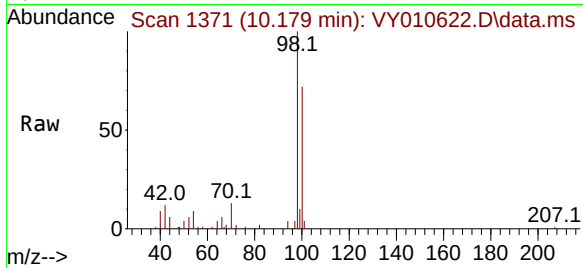




#50
Toluene-d8
Concen: 38.678 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010622.D
Acq: 22 Sep 2022 15:05

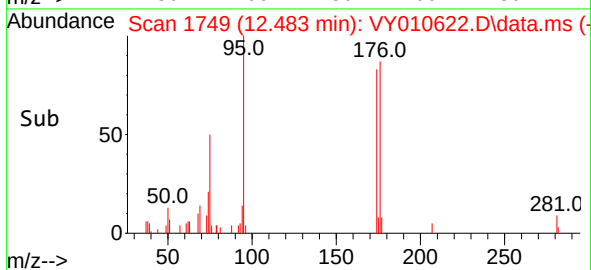
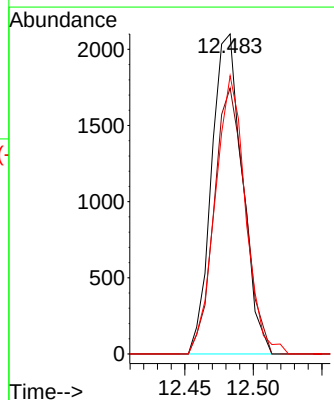
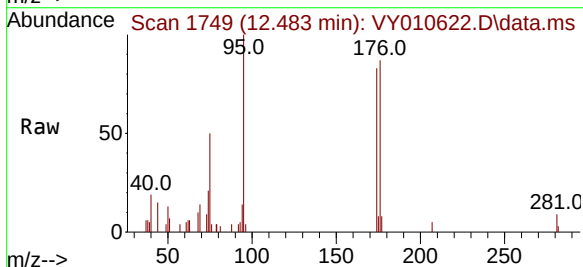
Instrument :
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NB-07-092122

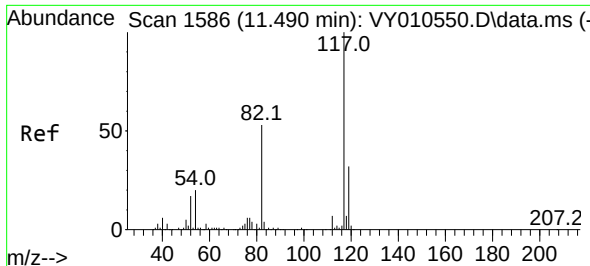
Tgt Ion: 98 Resp: 11547
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.866 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010622.D
Acq: 22 Sep 2022 15:05

Tgt Ion: 95 Resp: 3284
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 85.7 0.0 175.8

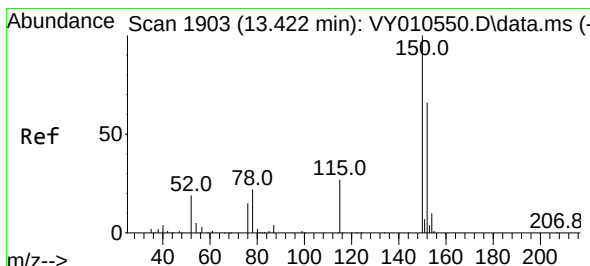
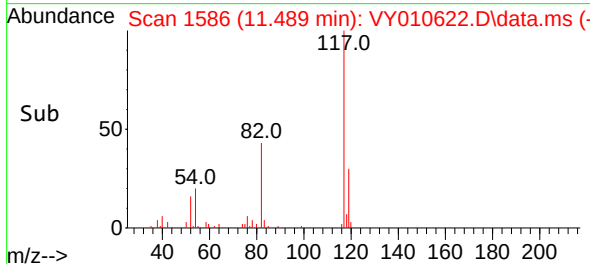
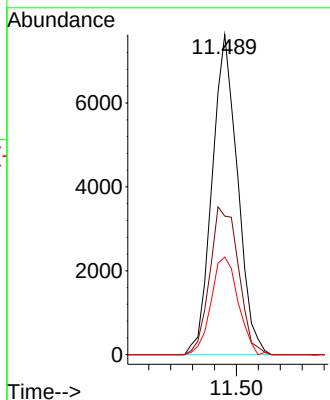
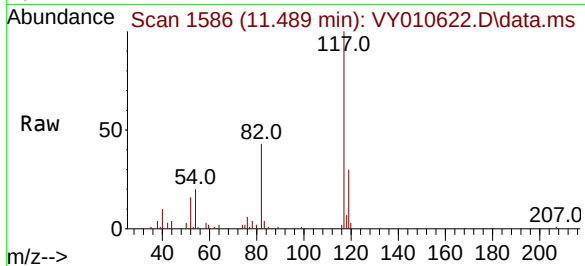




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010622.D
Acq: 22 Sep 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-092122

Tgt Ion:	117	Resp:	12293
Ion	Ratio	Lower	Upper
117	100		
82	43.3	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. 0.006 min
Lab File: VY010622.D
Acq: 22 Sep 2022 15:05

Tgt Ion:	152	Resp:	4055
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	156.3	0.0	347.6

