

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011661.D
 Acq On : 01 Dec 2022 14:38
 Operator : KP/MD
 Sample : N5814-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-113022

Quant Time: Dec 02 03:21:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	5113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3631	69.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.880%
35) Dibromofluoromethane	7.716	113	1701	33.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.320%
50) Toluene-d8	10.185	98	9359	50.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.483	95	2438	35.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.820%

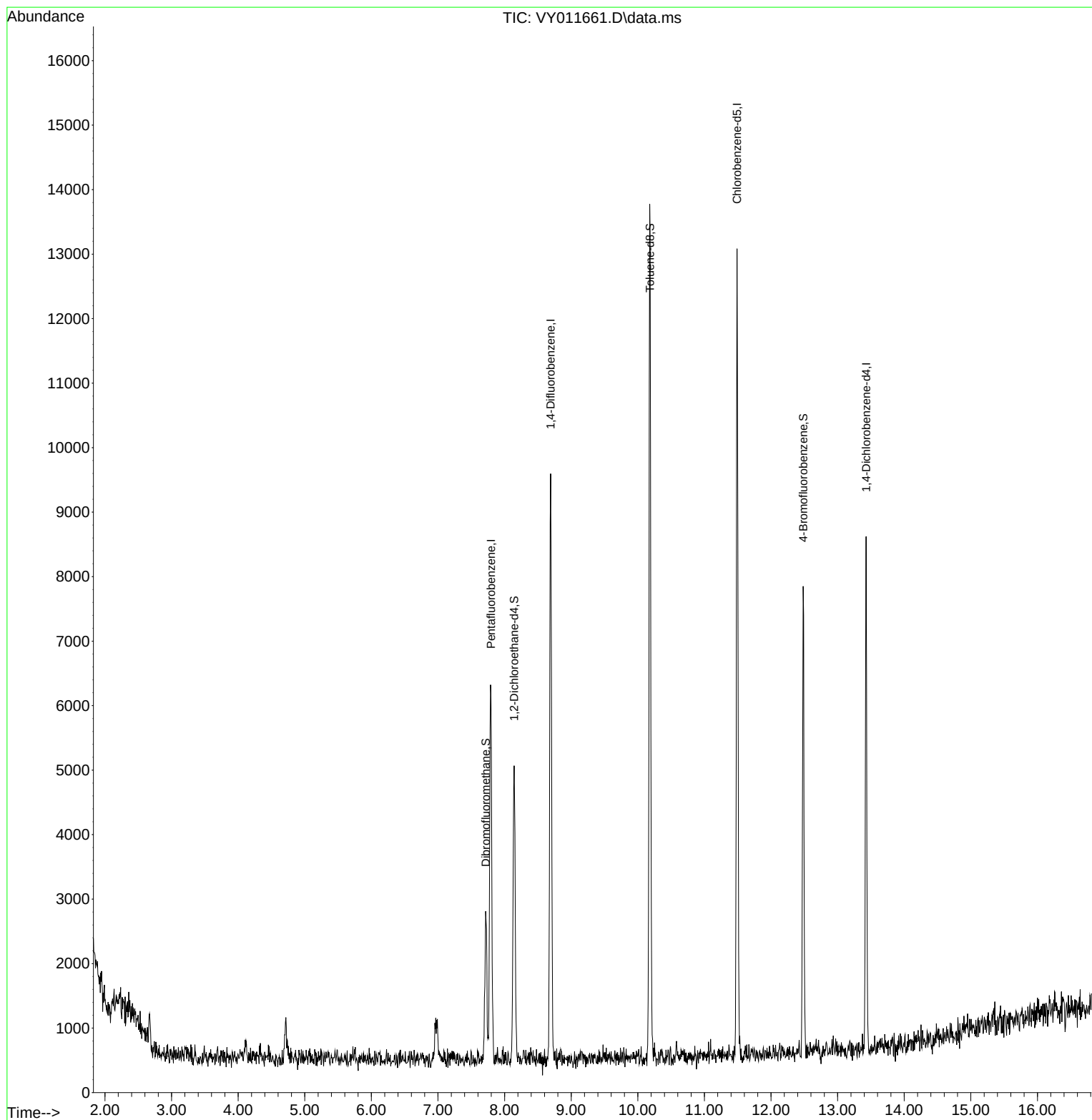
Target Compounds	Qvalue

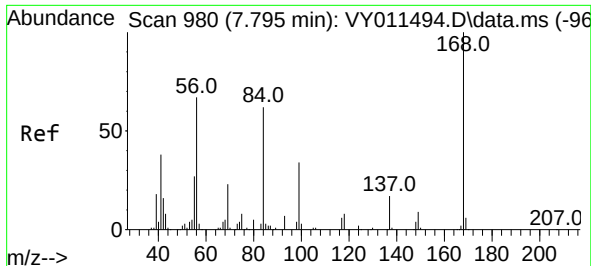
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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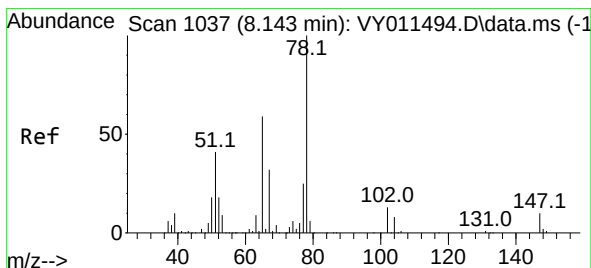
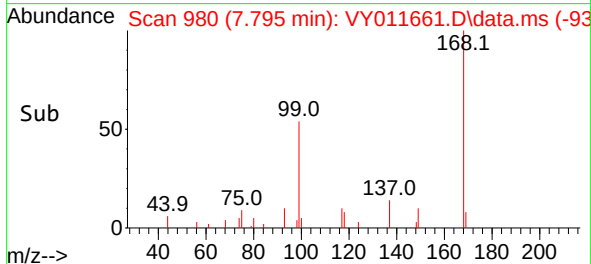
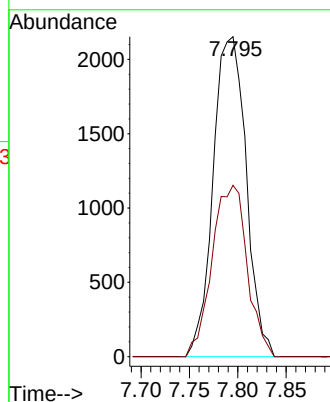
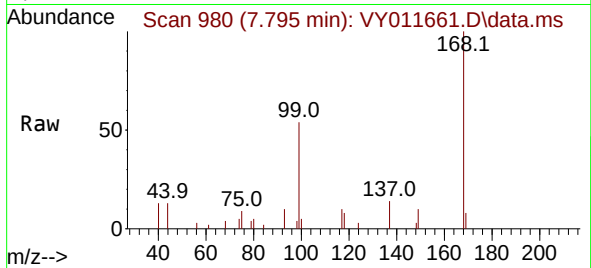




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

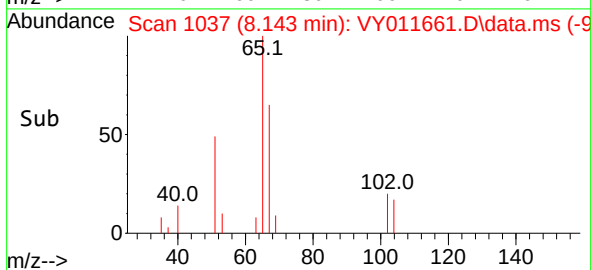
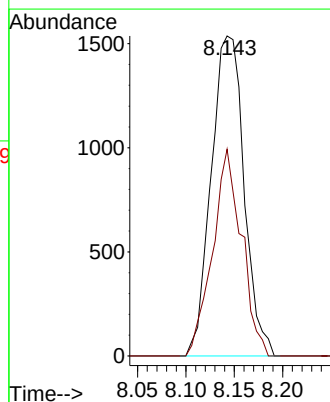
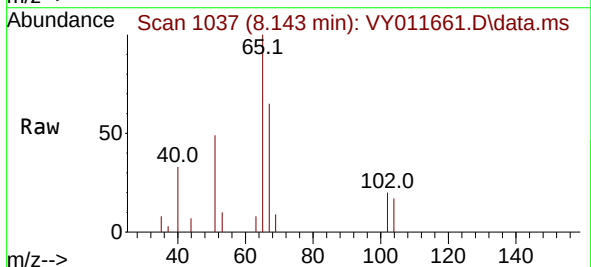
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

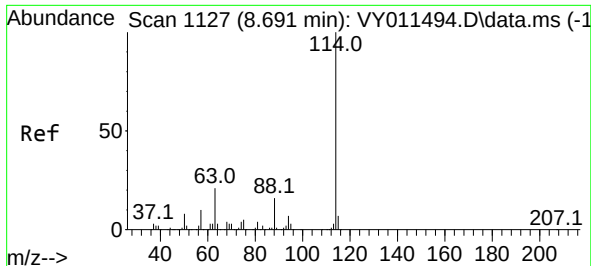
Tgt Ion:168 Resp: 5113
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.938 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion: 65 Resp: 3631
Ion Ratio Lower Upper
65 100
67 57.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011661.D

Acq: 01 Dec 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-113022

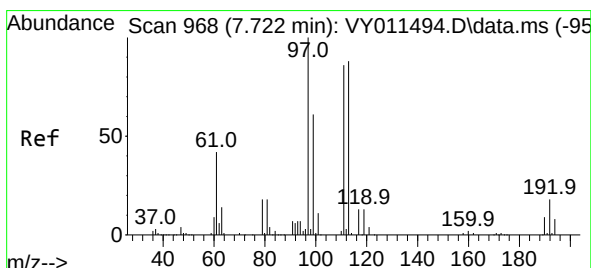
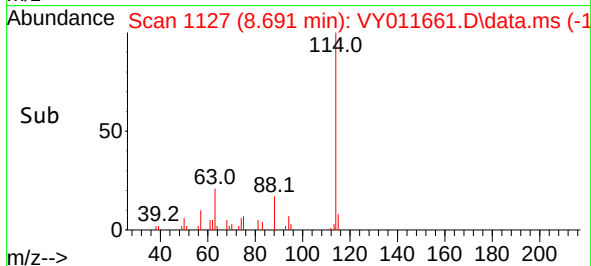
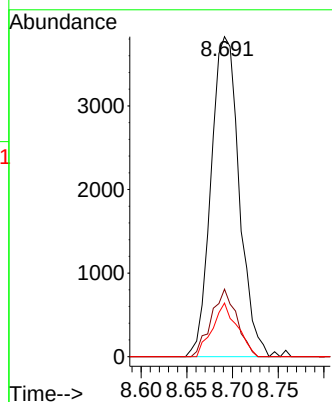
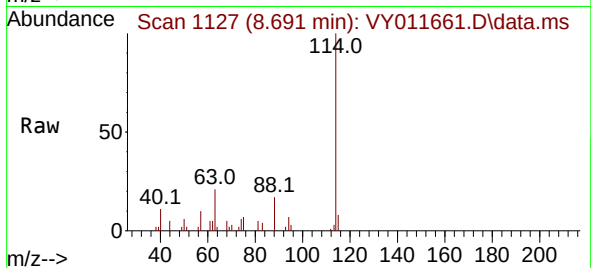
Tgt Ion:114 Resp: 8208

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 16.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 33.665 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011661.D

Acq: 01 Dec 2022 14:38

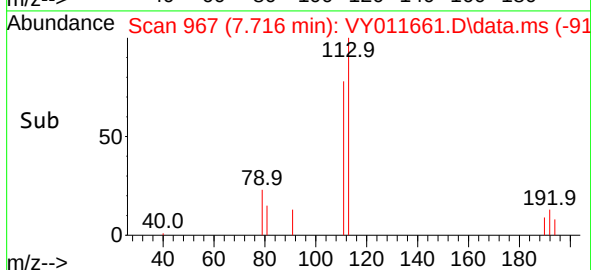
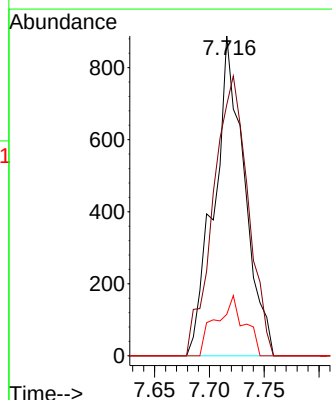
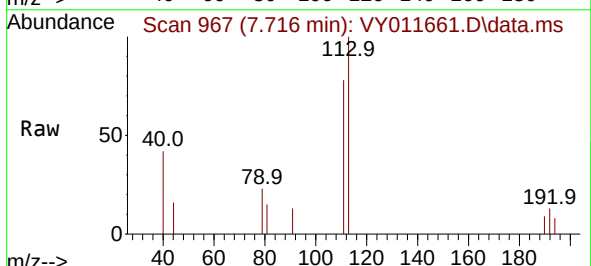
Tgt Ion:113 Resp: 1701

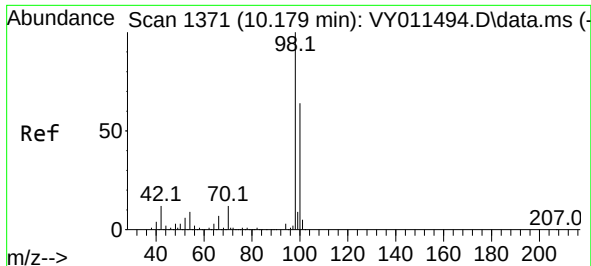
Ion Ratio Lower Upper

113 100

111 100.7 82.6 124.0

192 17.7 17.6 26.4

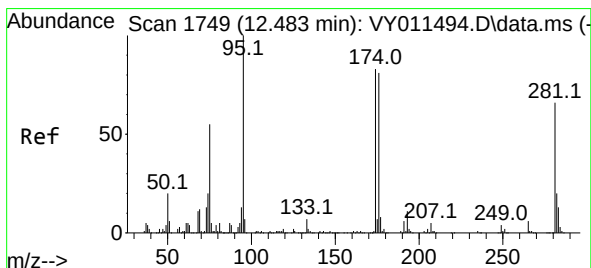
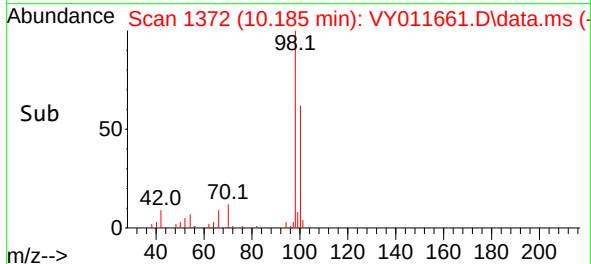
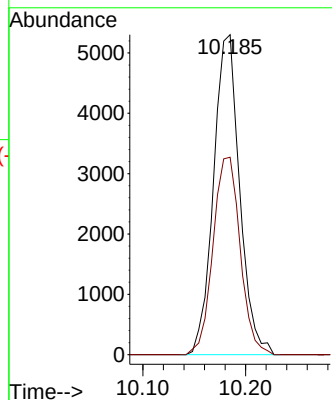
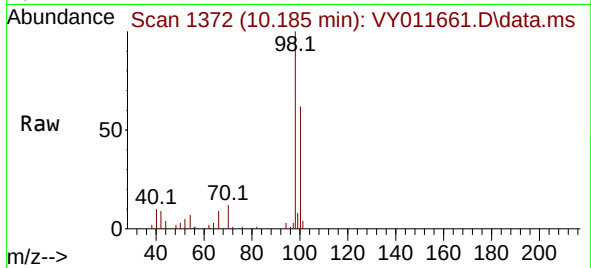




#50
Toluene-d8
Concen: 50.971 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

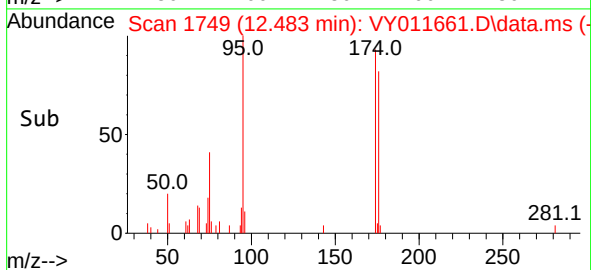
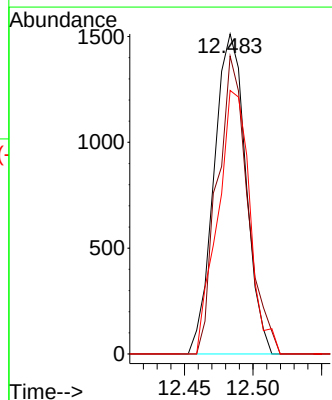
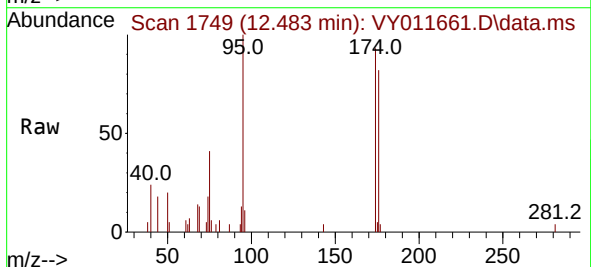
Instrument :
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NB-08-113022

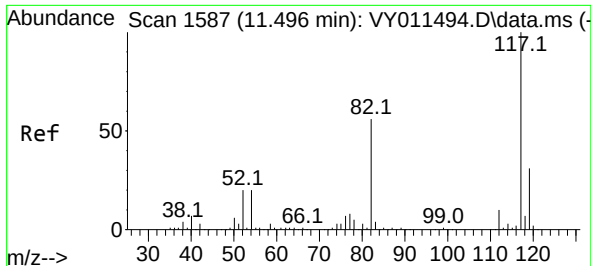
Tgt Ion: 98 Resp: 9359
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.912 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion: 95 Resp: 2438
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 83.2 0.0 175.8

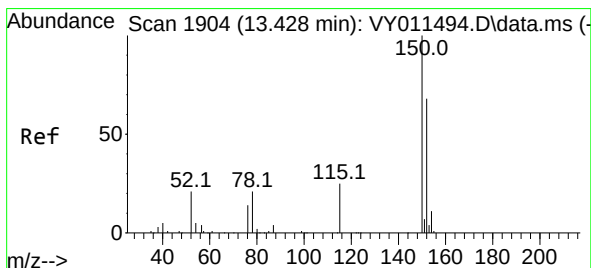
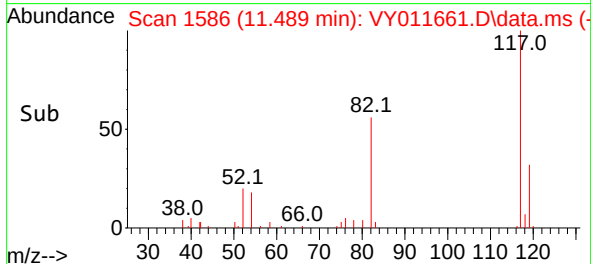
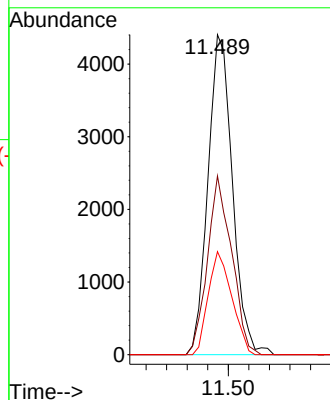
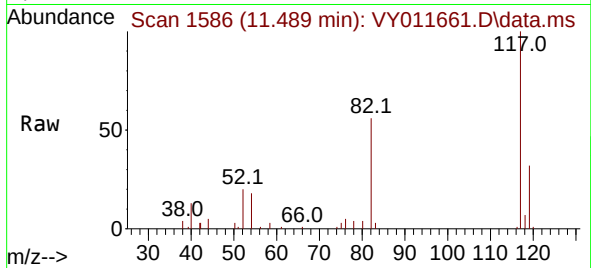




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011661.D
Acq: 01 Dec 2022 14:38

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-113022

Tgt Ion:	117	Resp:	7284
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	32.2	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: VY011661.D
Acq: 01 Dec 2022 14:38

Tgt Ion:	152	Resp:	2135
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.2	84.7
150	160.2	0.0	347.6

