

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009271.D
 Acq On : 22 Jun 2022 14:01
 Operator : KP/MD
 Sample : N3412-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-062022

Quant Time: Jun 23 01:54:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

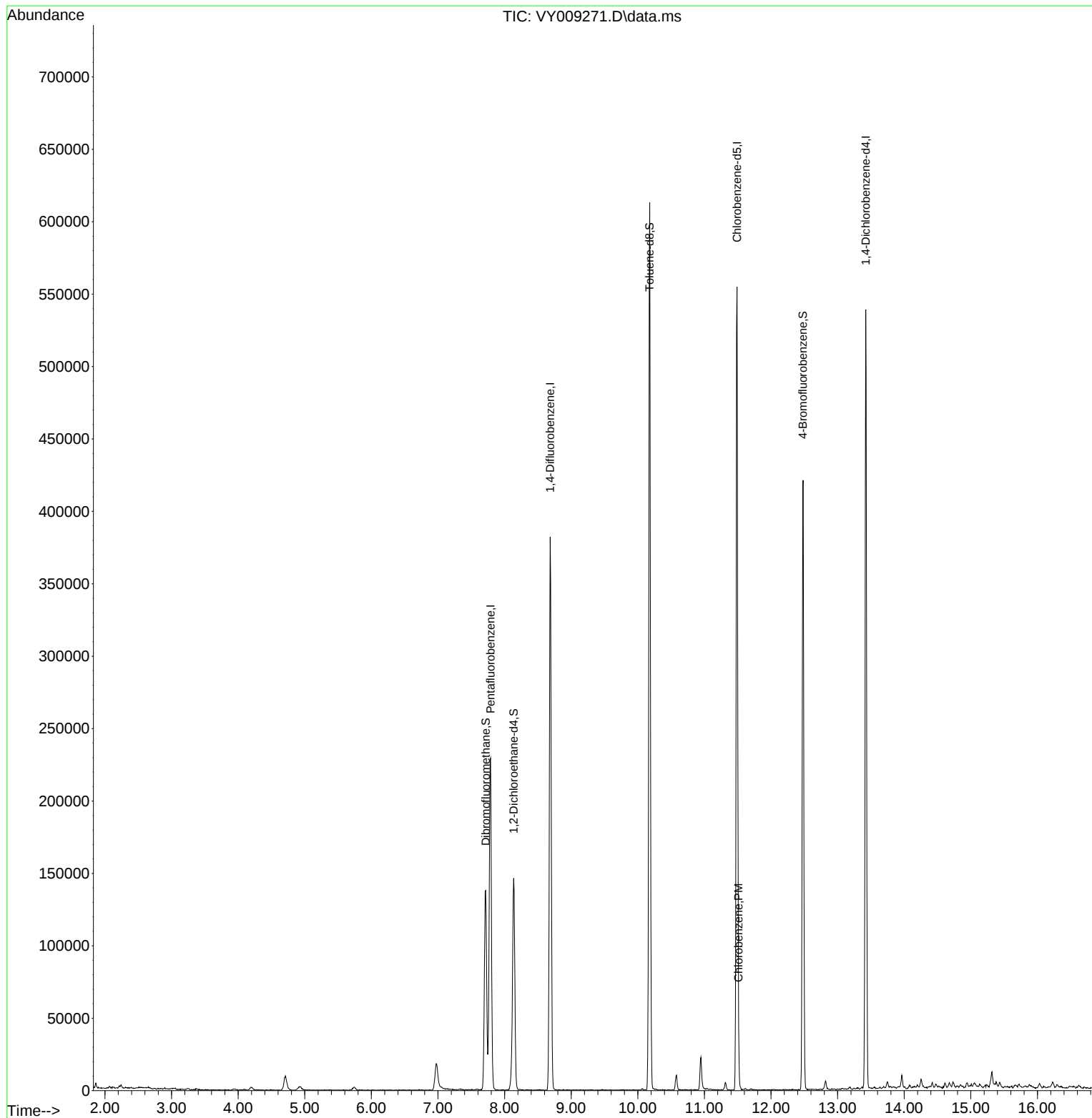
Internal Standards						
1) Pentafluorobenzene	7.789	168	184004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107641	53.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.540%
35) Dibromofluoromethane	7.716	113	99198	47.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.179	98	390221	48.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.477	95	128203	45.439	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.880%
Target Compounds						
65) Chlorobenzene	11.514	112	6840	1.014	ug/l	Qvalue 92

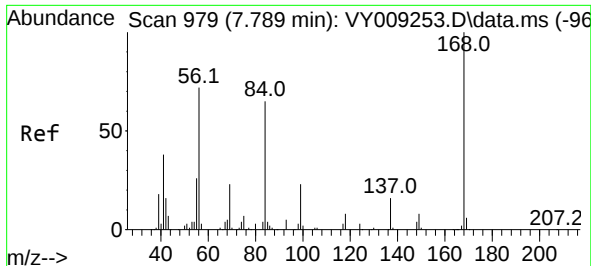
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
Data File : VY009271.D
Acq On : 22 Jun 2022 14:01
Operator : KP/MD
Sample : N3412-01
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

Quant Time: Jun 23 01:54:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

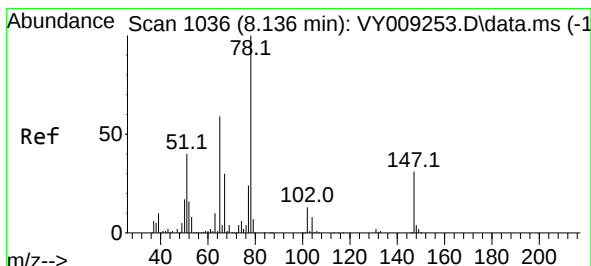
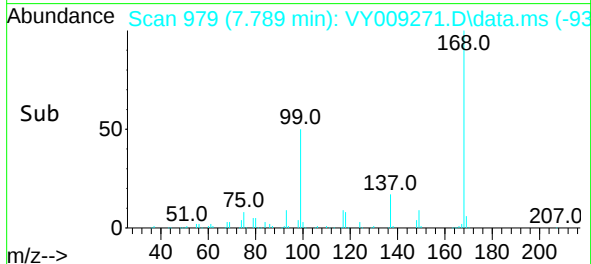
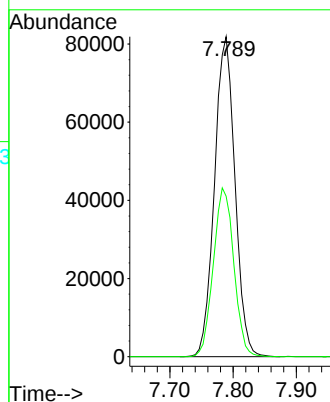
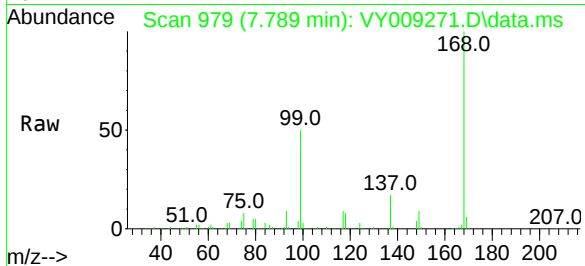




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

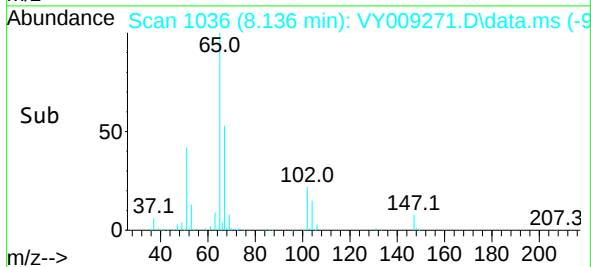
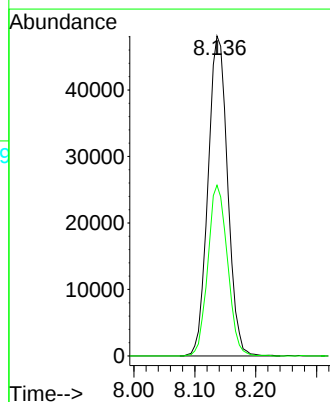
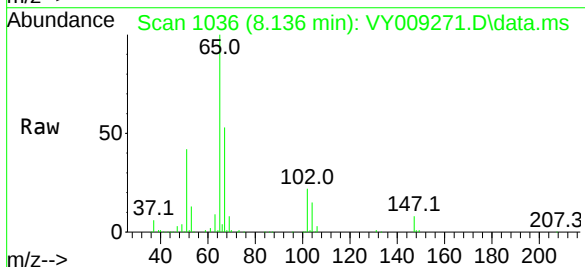
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

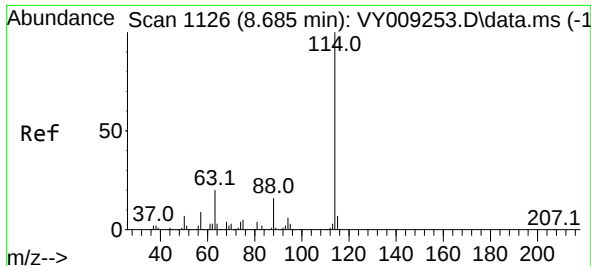
Tgt Ion:168 Resp: 184004
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.265 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Tgt Ion: 65 Resp: 107641
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009271.D

Acq: 22 Jun 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-062022

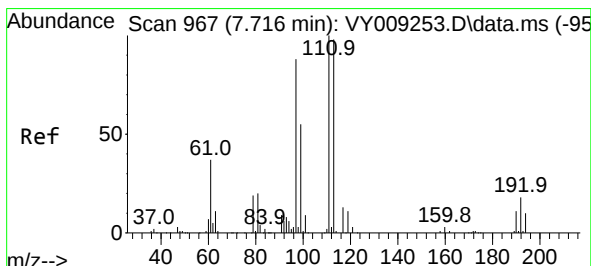
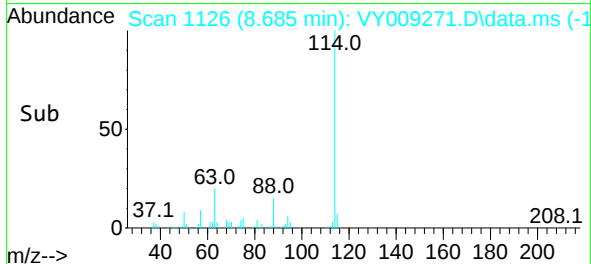
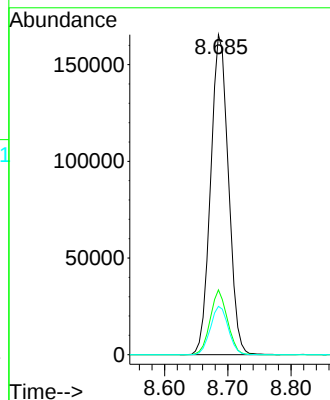
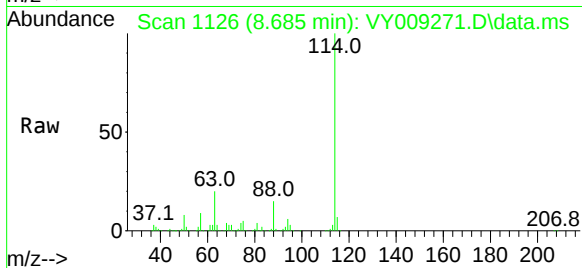
Tgt Ion:114 Resp: 322743

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.460 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009271.D

Acq: 22 Jun 2022 14:01

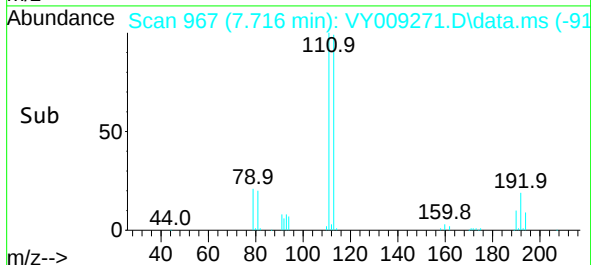
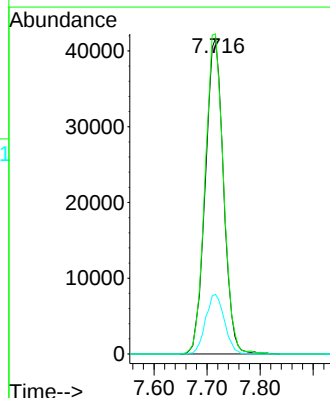
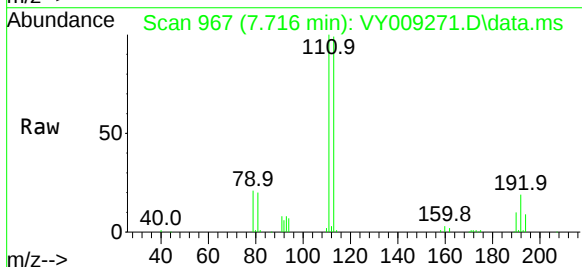
Tgt Ion:113 Resp: 99198

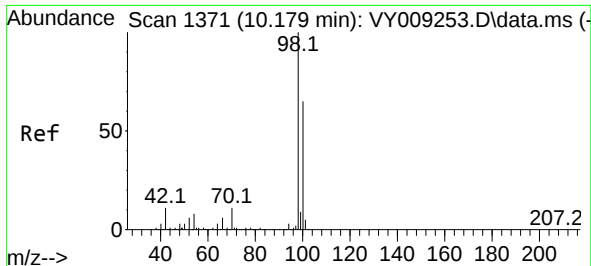
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.6 17.6 26.4

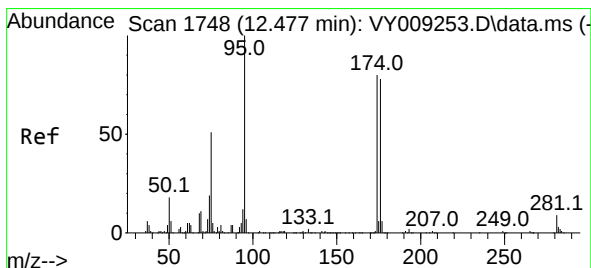
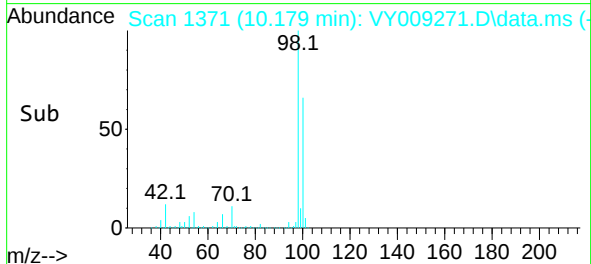
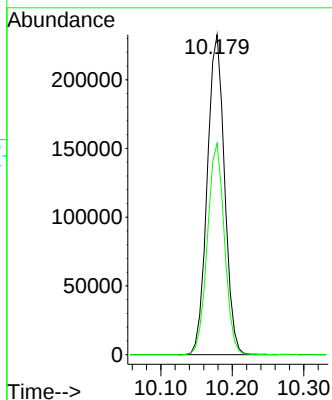
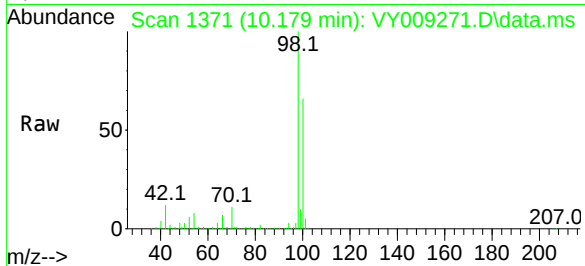




#50
Toluene-d8
Concen: 48.600 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

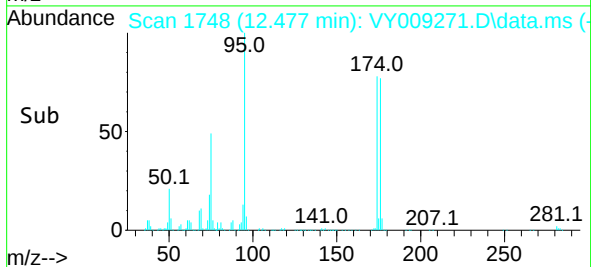
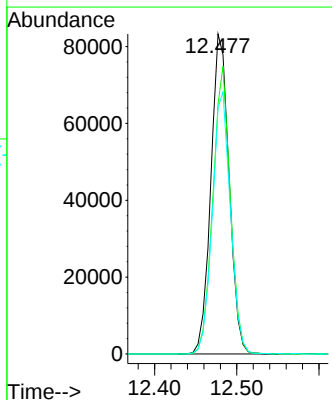
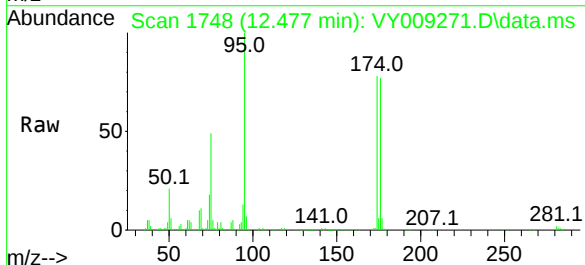
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-062022

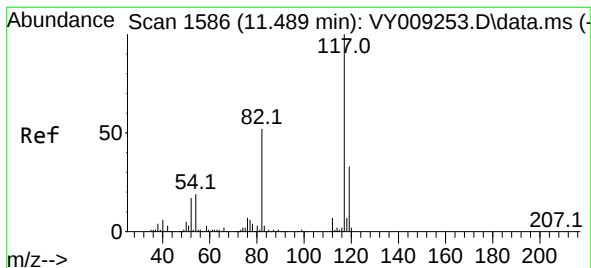
Tgt Ion: 98 Resp: 390221
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.439 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009271.D
Acq: 22 Jun 2022 14:01

Tgt Ion: 95 Resp: 128203
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 81.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009271.D

Acq: 22 Jun 2022 14:01

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-062022

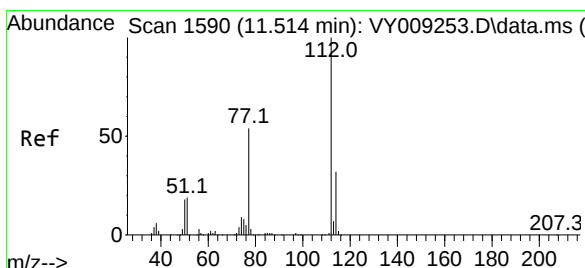
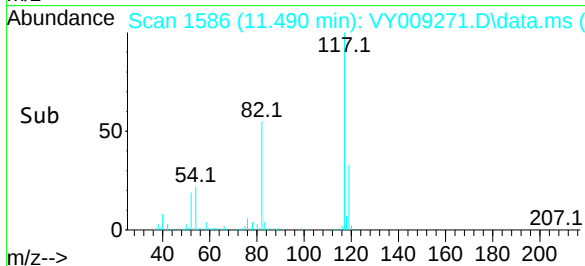
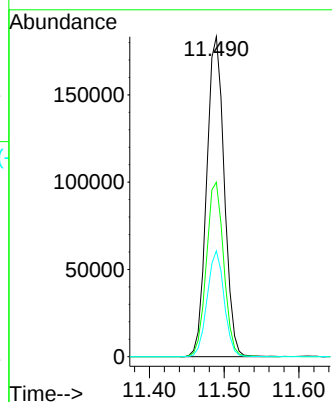
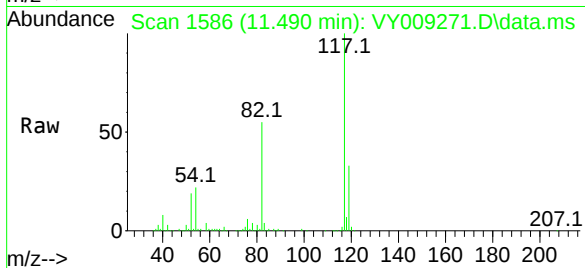
Tgt Ion:117 Resp: 299541

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.4

119 33.1 25.4 38.0



#65

Chlorobenzene

Concen: 1.014 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009271.D

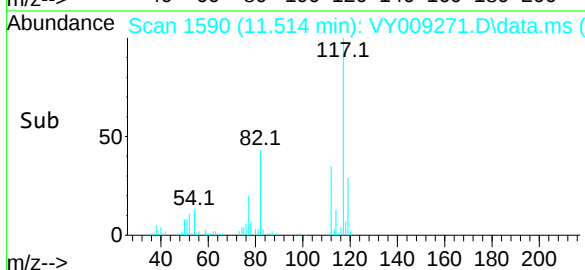
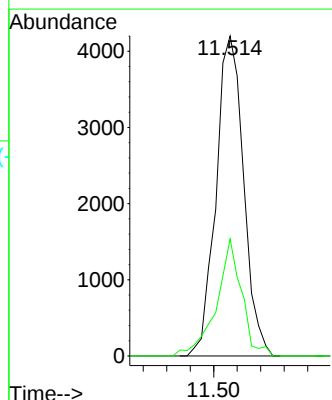
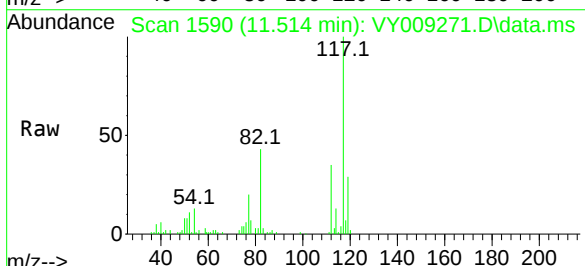
Acq: 22 Jun 2022 14:01

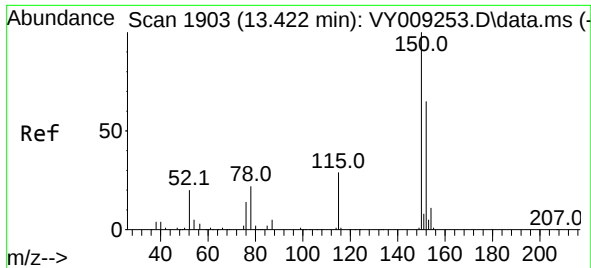
Tgt Ion:112 Resp: 6840

Ion Ratio Lower Upper

112 100

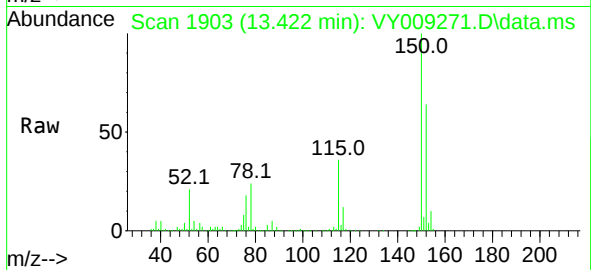
114 36.6 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009271.D
 Acq: 22 Jun 2022 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-062022



Tgt Ion:152 Resp: 137106
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 155.2 0.0 347.6

