

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010601.D
 Acq On : 21 Sep 2022 16:08
 Operator : KP/MD
 Sample : N4697-13
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-19-6.5-7.0

Quant Time: Sep 22 06:10:19 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	199650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	365996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167089	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100423	52.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.710	113	93395	39.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.360%
50) Toluene-d8	10.179	98	361606	42.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.200%
62) 4-Bromofluorobenzene	12.477	95	117610	35.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.320%

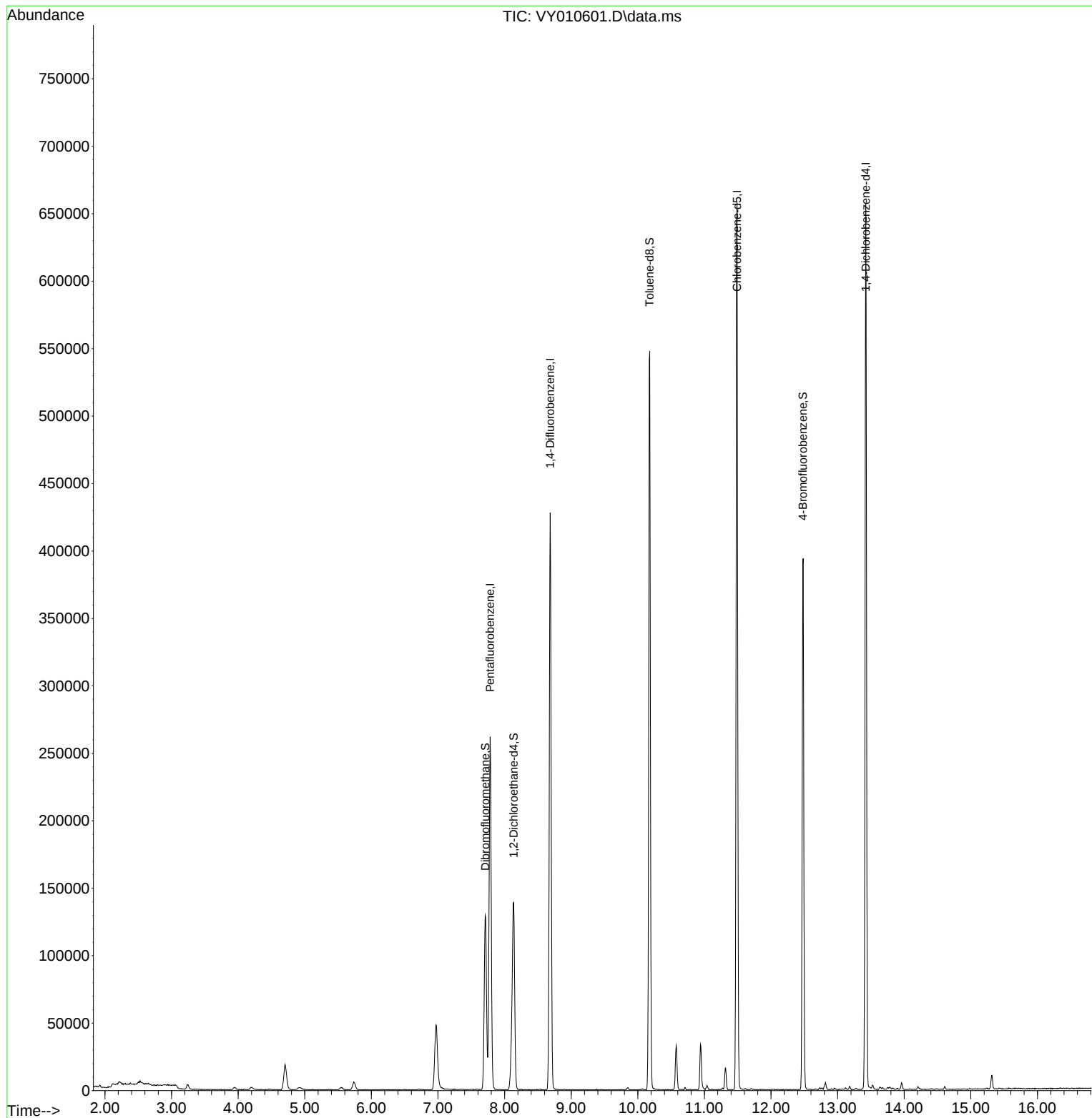
Target Compounds	Qvalue

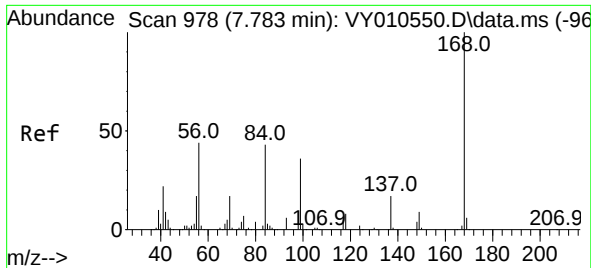
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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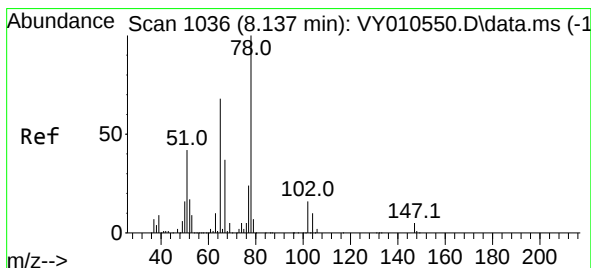
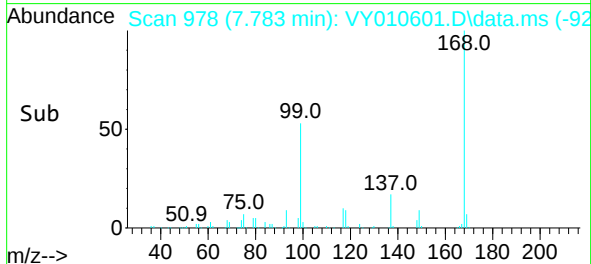
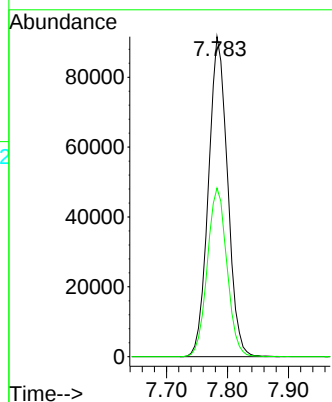
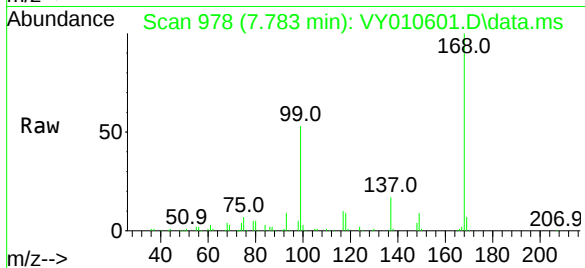




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010601.D
Acq: 21 Sep 2022 16:08

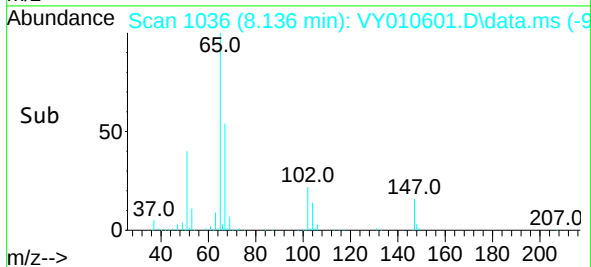
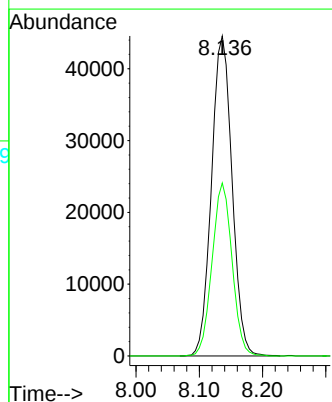
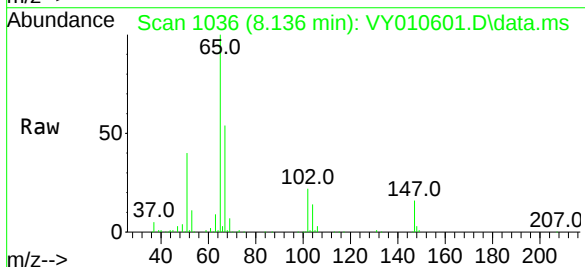
Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

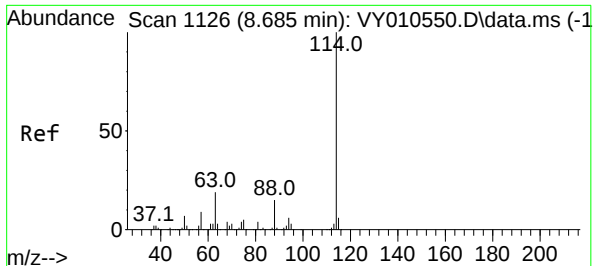
Tgt Ion:168 Resp: 199650
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.588 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010601.D
Acq: 21 Sep 2022 16:08

Tgt Ion: 65 Resp: 100423
Ion Ratio Lower Upper
65 100
67 52.6 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: VY010601.D

Acq: 21 Sep 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-19-6.5-7.0

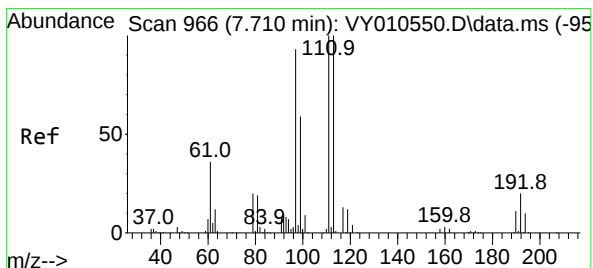
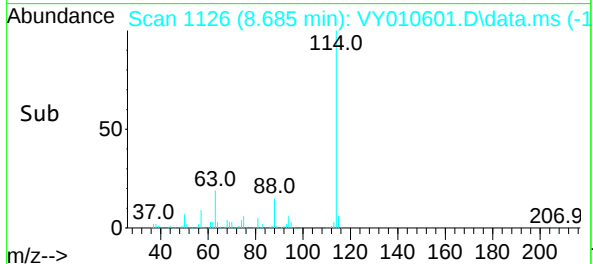
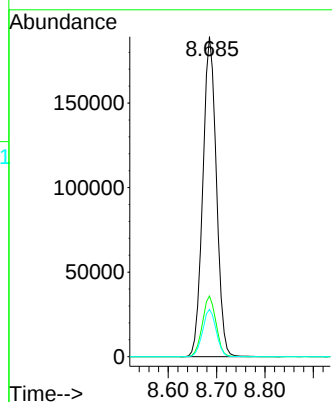
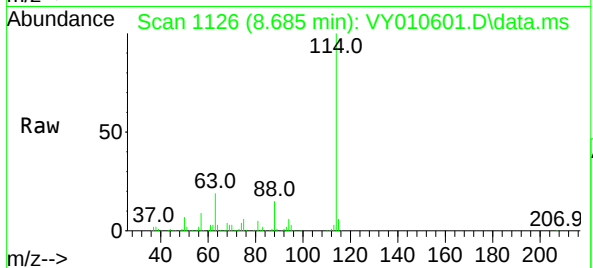
Tgt Ion:114 Resp: 368758

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.685 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010601.D

Acq: 21 Sep 2022 16:08

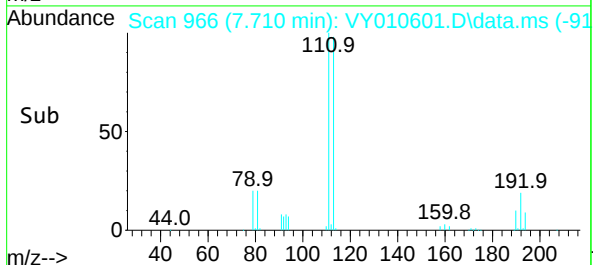
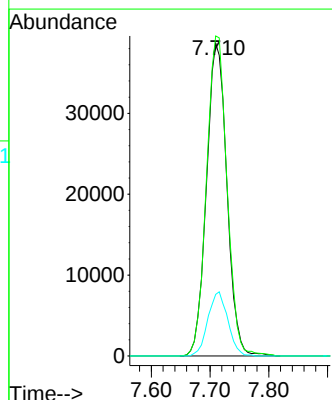
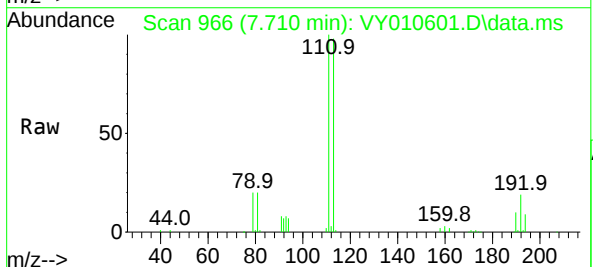
Tgt Ion:113 Resp: 93395

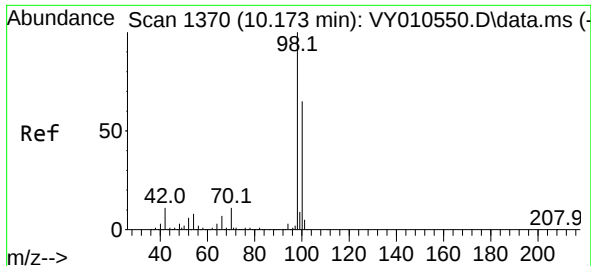
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.0 17.6 26.4

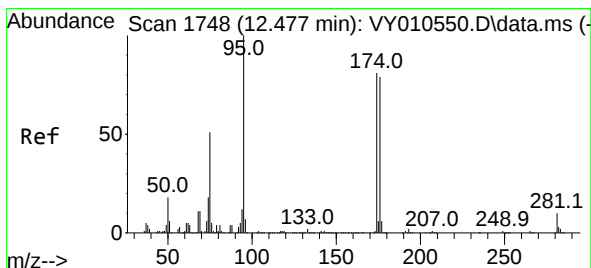
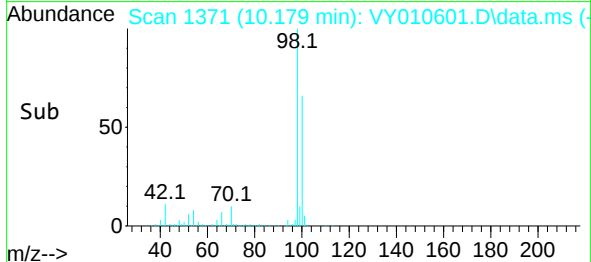
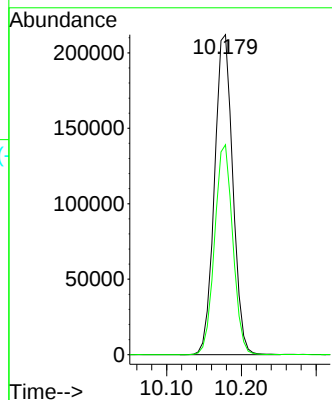
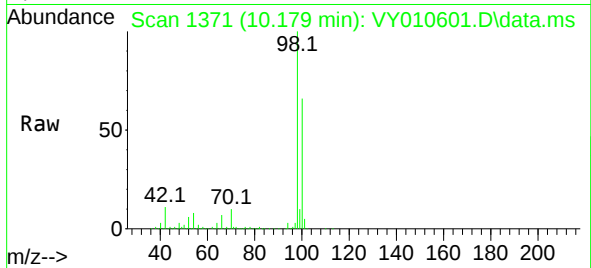




#50
Toluene-d8
Concen: 42.101 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010601.D
Acq: 21 Sep 2022 16:08

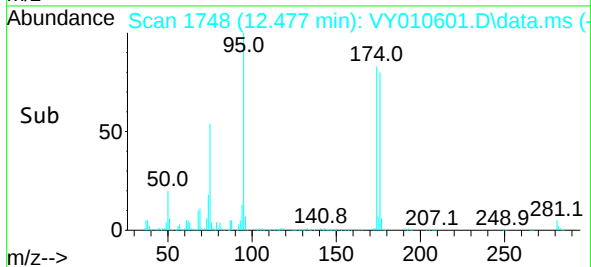
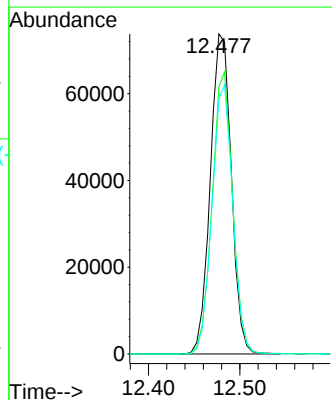
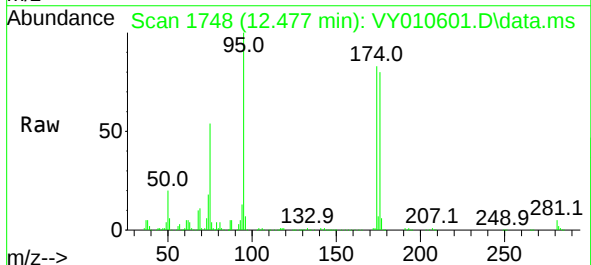
Instrument :
MSVOA_Y
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SB-19-6.5-7.0

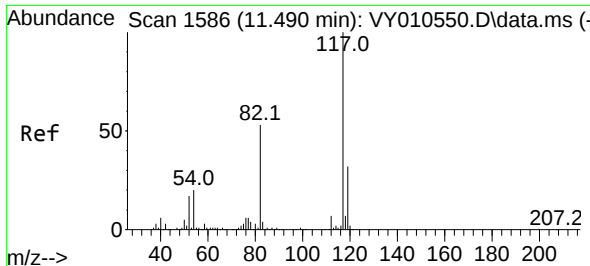
Tgt Ion: 98 Resp: 361606
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.660 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010601.D
Acq: 21 Sep 2022 16:08

Tgt Ion: 95 Resp: 117610
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.8 0.0 175.8

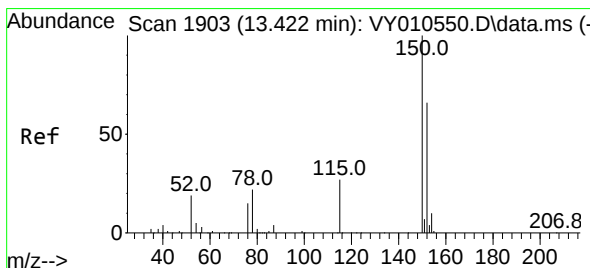
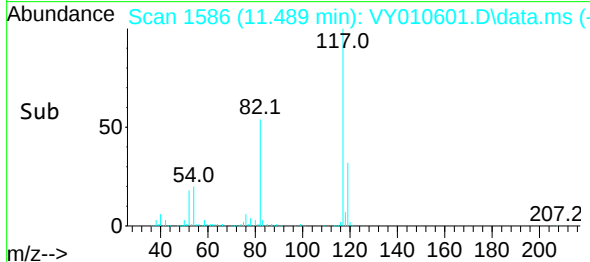
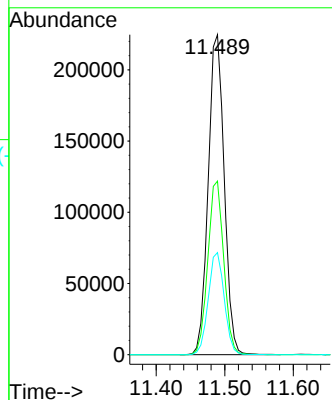
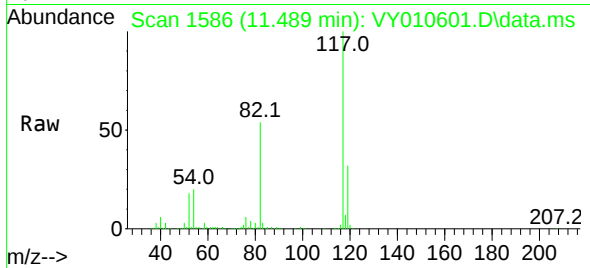




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010601.D
Acq: 21 Sep 2022 16:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-19-6.5-7.0

Tgt Ion:117 Resp: 365996
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010601.D
Acq: 21 Sep 2022 16:08

Tgt Ion:152 Resp: 167089
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 158.1 0.0 347.6

