

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011414.D
 Acq On : 11 Nov 2022 13:31
 Operator : KP/MD
 Sample : N5530-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12

Quant Time: Nov 11 13:47:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	335391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	641096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	600266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	285297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	214619	76.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.720%
35) Dibromofluoromethane	7.716	113	213604	59.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.900%
50) Toluene-d8	10.179	98	673922	49.099	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.477	95	258952	54.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.180%

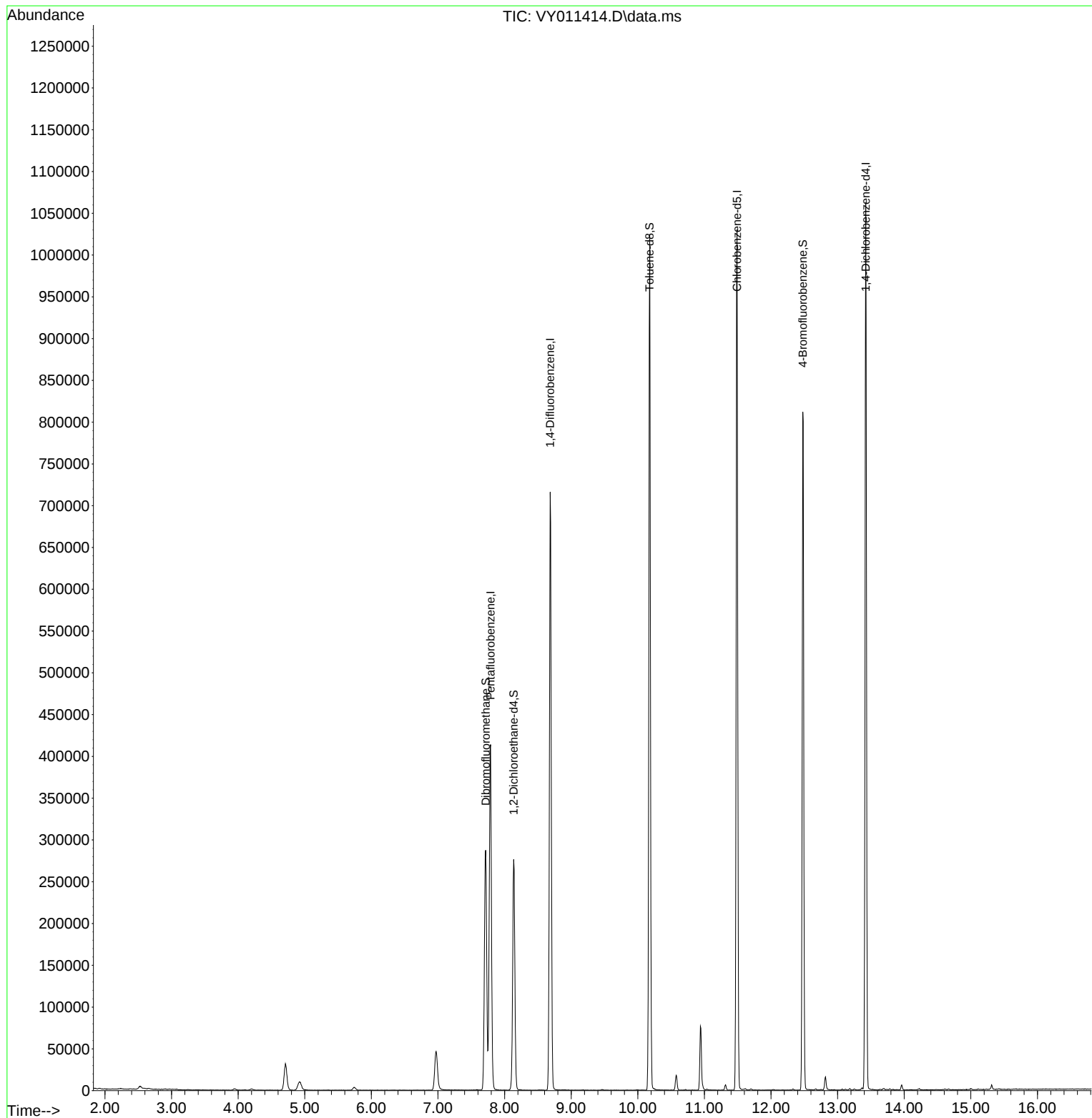
Target Compounds	Qvalue

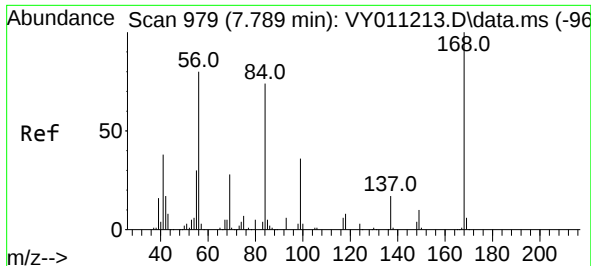
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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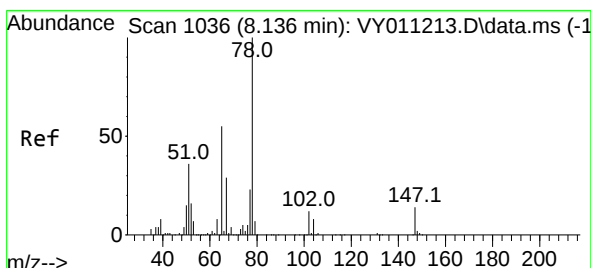
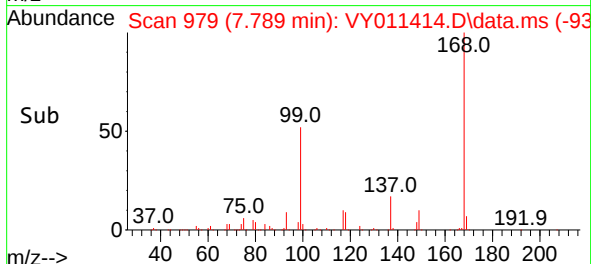
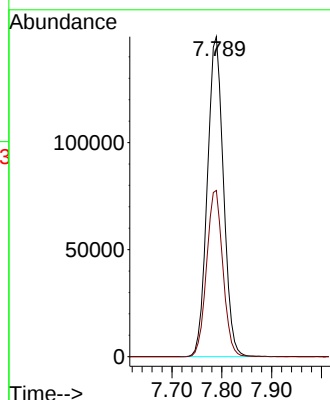
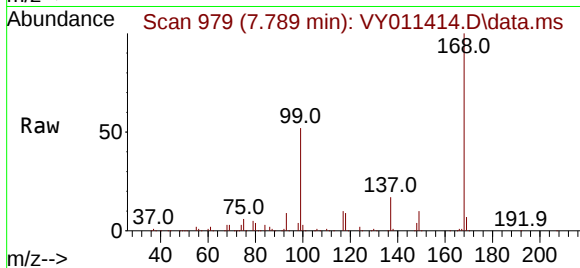




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

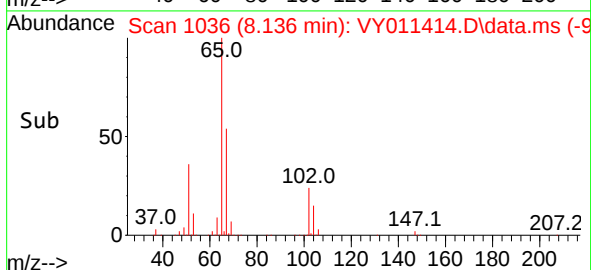
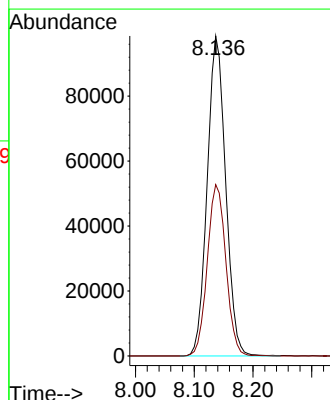
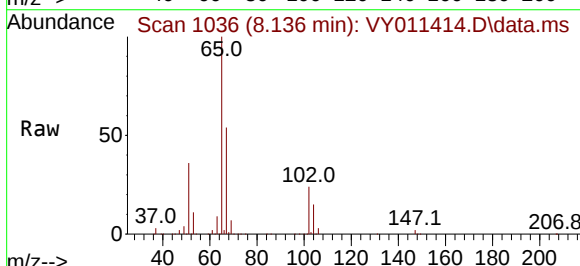
Instrument :
MSVOA_Y
ClientSampleId :
SB-12

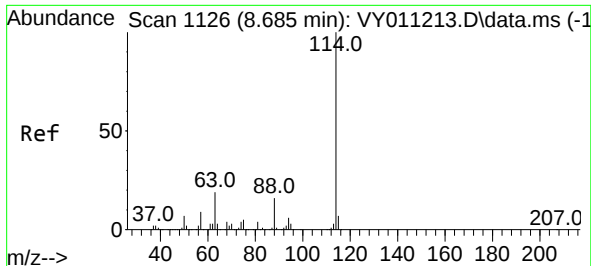
Tgt Ion:168 Resp: 335391
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 76.364 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion: 65 Resp: 214619
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

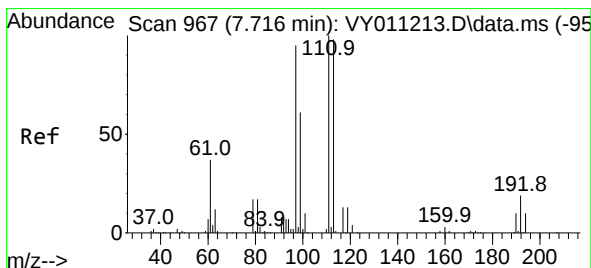
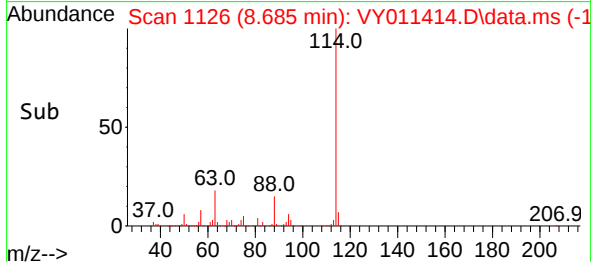
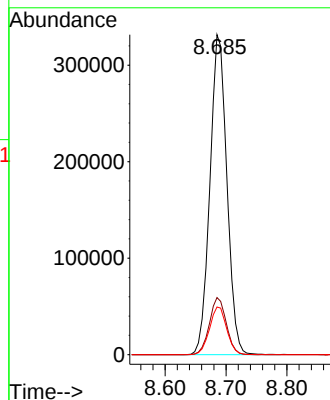
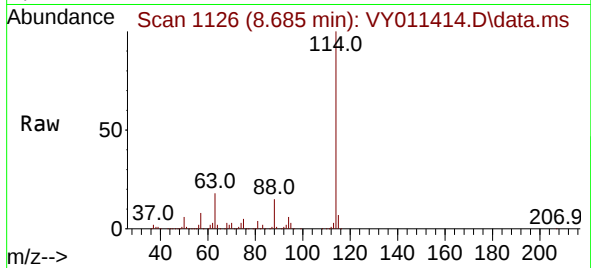




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

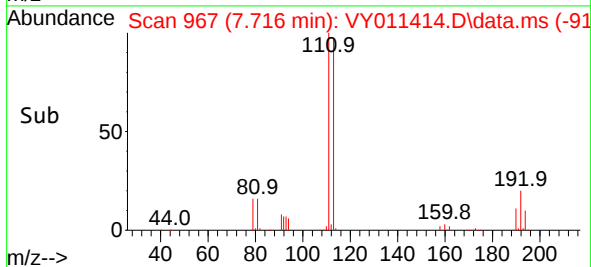
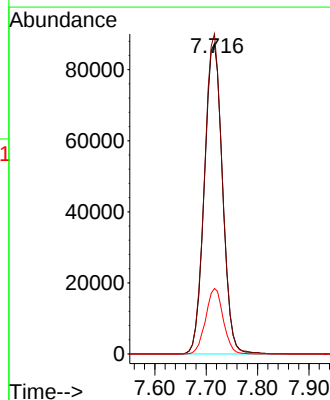
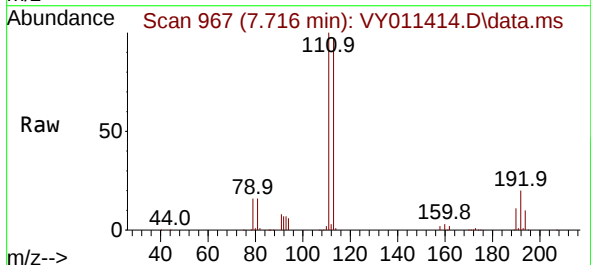
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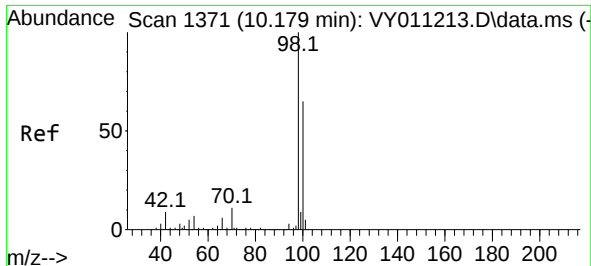
Tgt Ion:114 Resp: 641096
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.453 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion:113 Resp: 213604
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.5 17.6 26.4

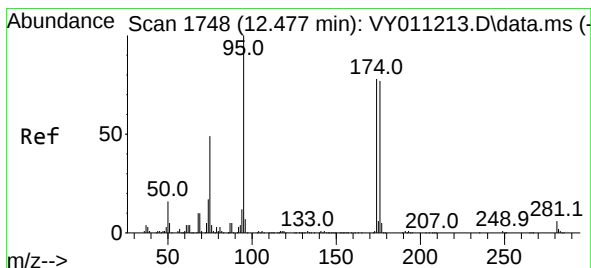
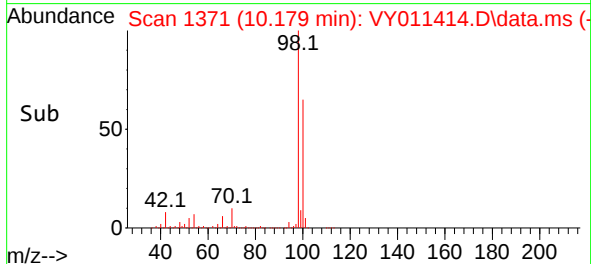
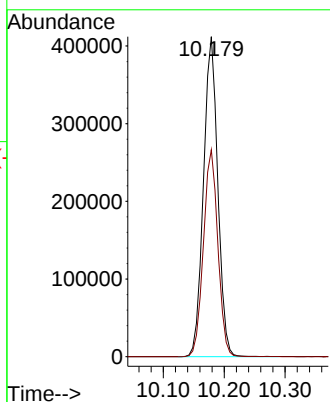
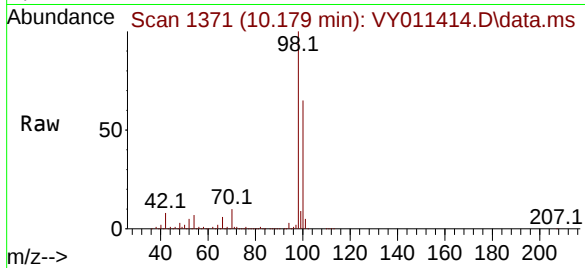




#50
Toluene-d8
Concen: 49.099 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

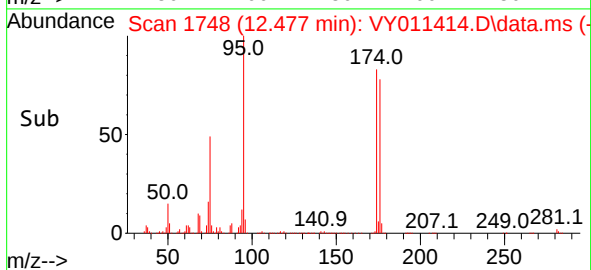
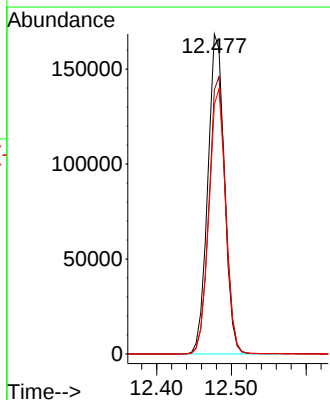
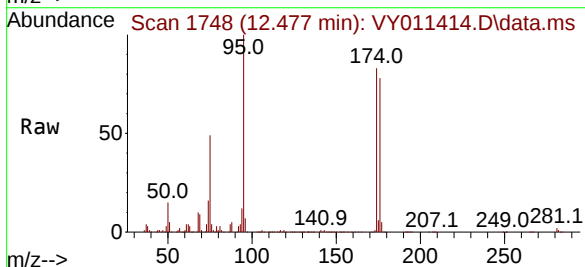
Instrument :
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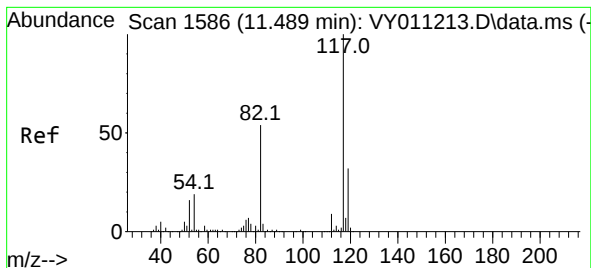
Tgt Ion: 98 Resp: 673922
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011414.D
Acq: 11 Nov 2022 13:31

Tgt Ion: 95 Resp: 258952
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 83.5 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: VY011414.D

Acq: 11 Nov 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-12

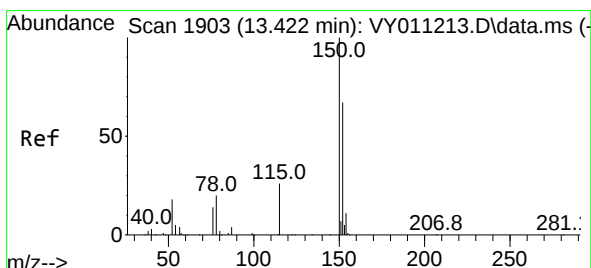
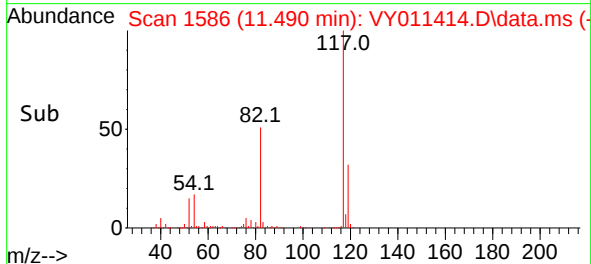
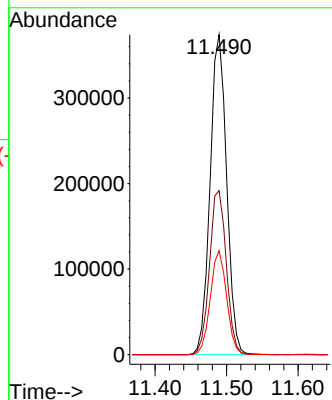
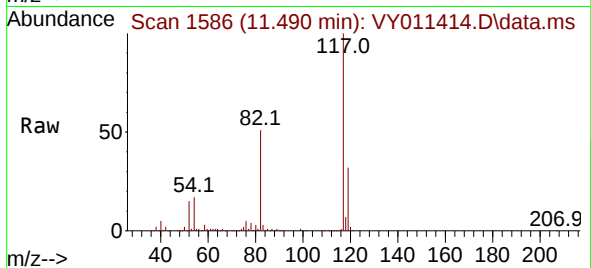
Tgt Ion:117 Resp: 600266

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 32.5 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: VY011414.D

Acq: 11 Nov 2022 13:31

Tgt Ion:152 Resp: 285297

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 157.3 0.0 347.6

