

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014983.D
 Acq On : 08 Aug 2023 14:25
 Operator : SY/MD
 Sample : 03929-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP20

Quant Time: Aug 09 01:00:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	202228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	137964	56.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.580%
35) Dibromofluoromethane	7.716	113	115961	50.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.179	98	433130	49.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.477	95	163908	52.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.980%

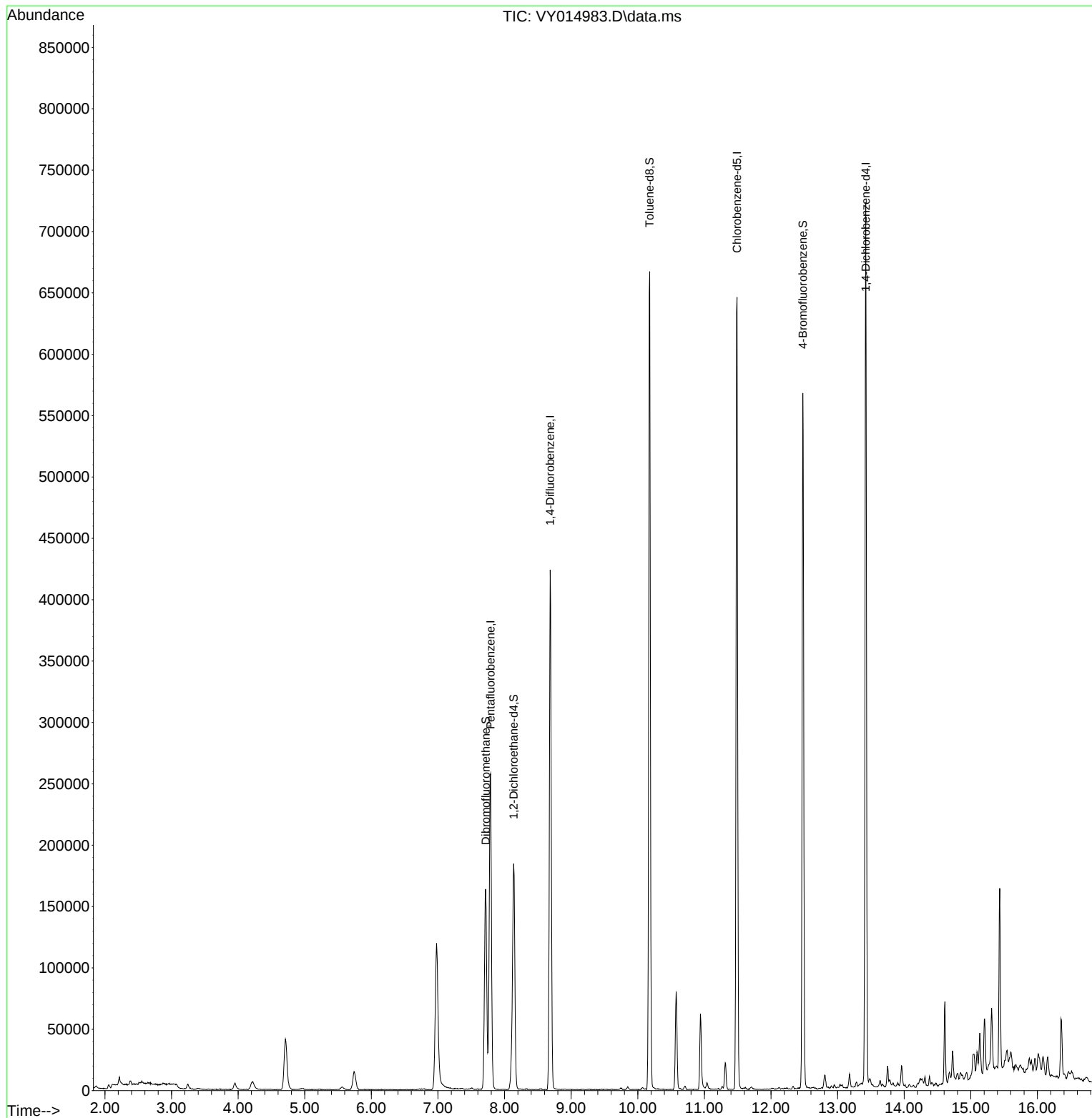
Target Compounds	Qvalue

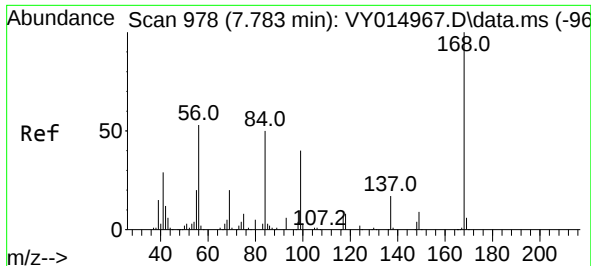
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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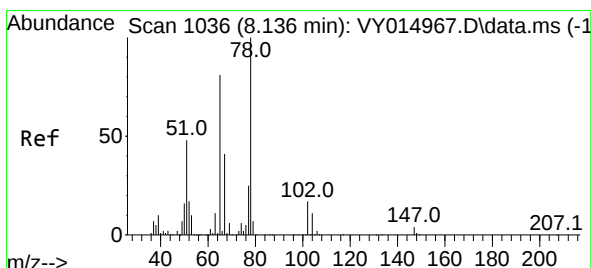
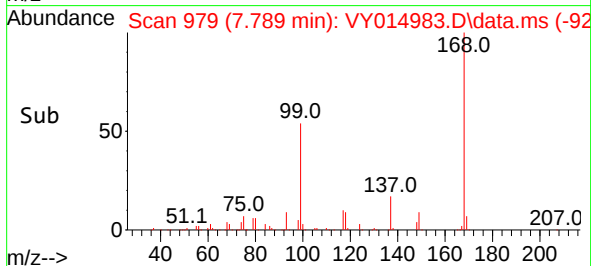
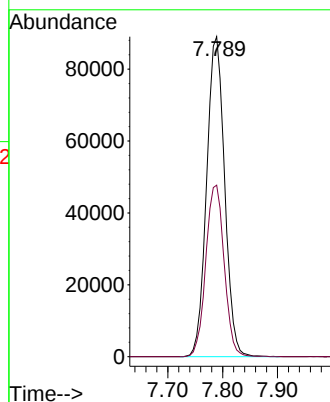
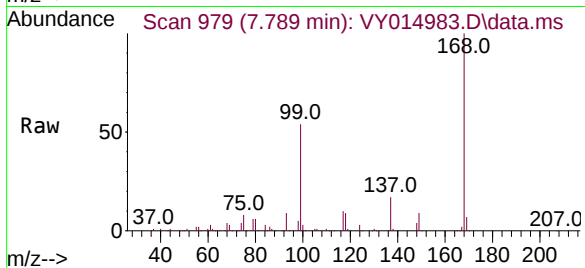




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014983.D
Acq: 08 Aug 2023 14:25

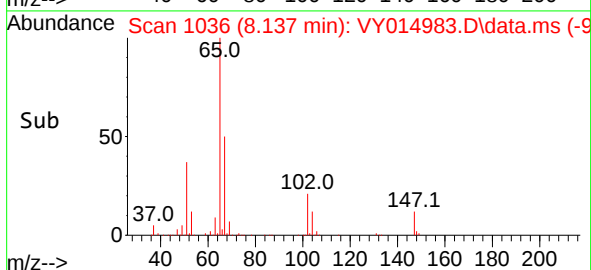
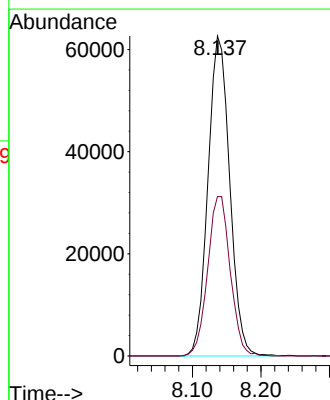
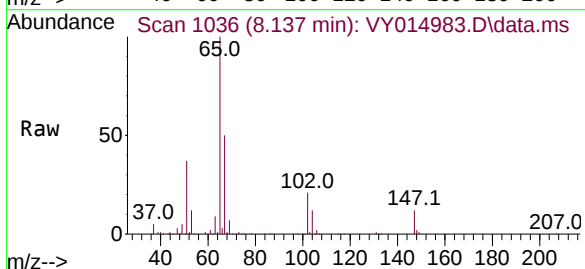
Instrument :
MSVOA_Y
ClientSampleId :
B-PP20

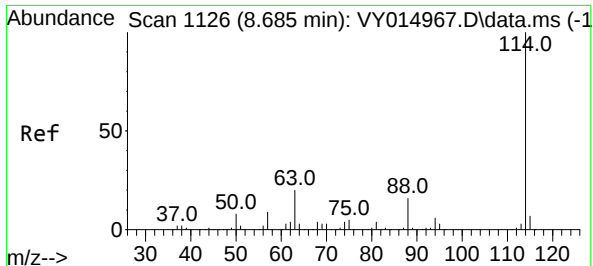
Tgt Ion:168 Resp: 202228
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.287 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014983.D
Acq: 08 Aug 2023 14:25

Tgt Ion: 65 Resp: 137964
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014983.D

Acq: 08 Aug 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

B-PP20

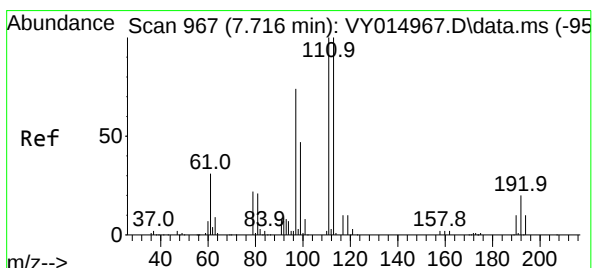
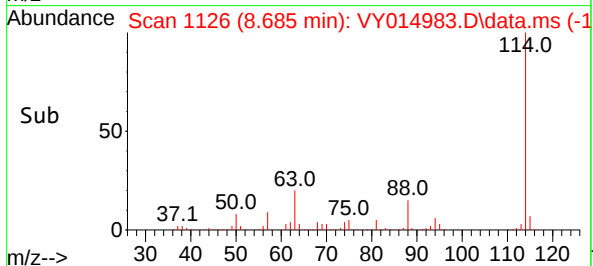
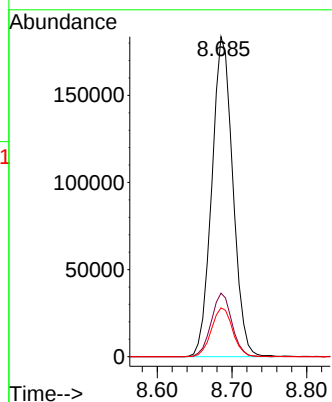
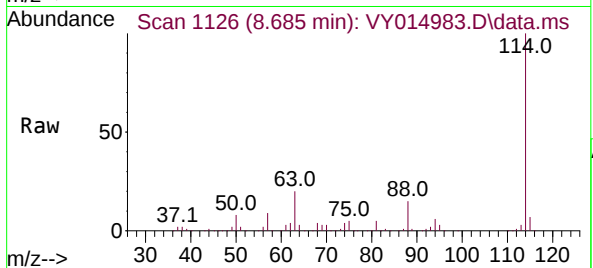
Tgt Ion:114 Resp: 358541

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.576 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY014983.D

Acq: 08 Aug 2023 14:25

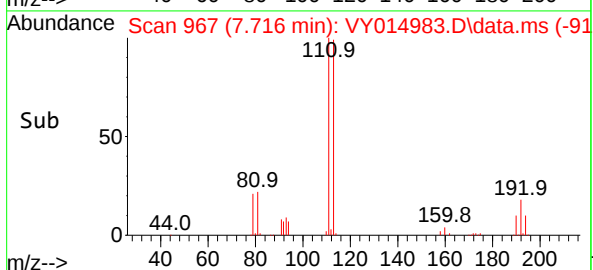
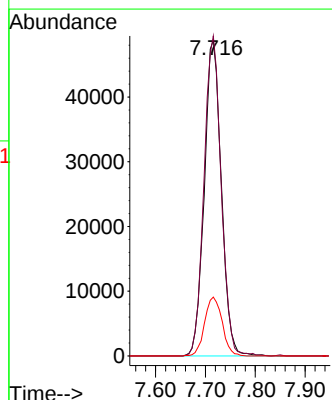
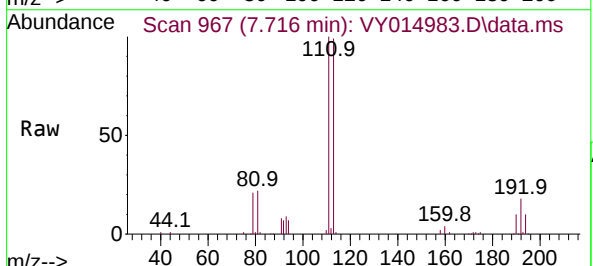
Tgt Ion:113 Resp: 115961

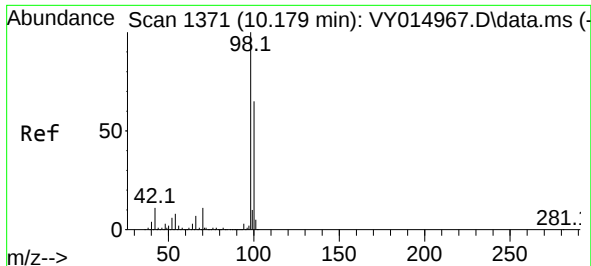
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.2 16.9 25.3

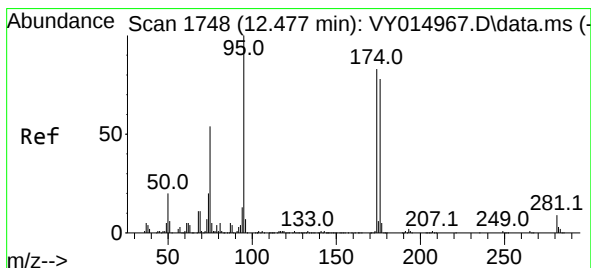
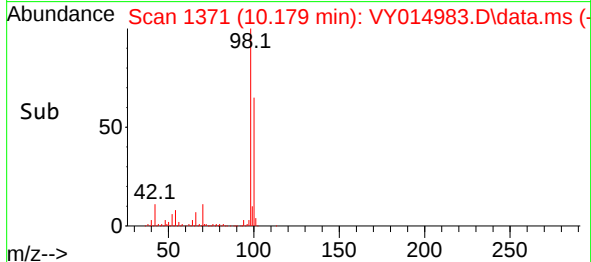
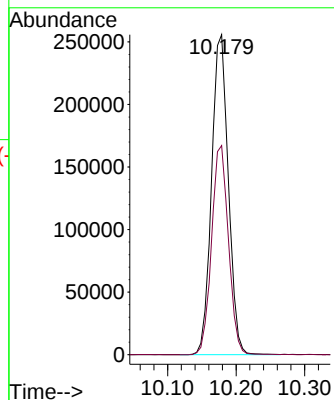
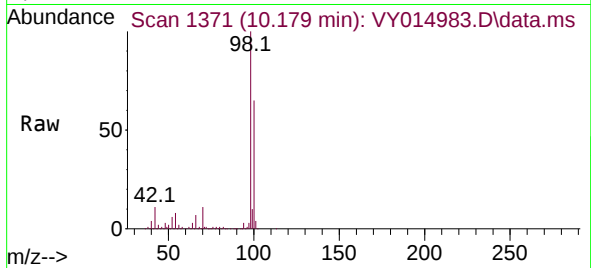




#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014983.D
Acq: 08 Aug 2023 14:25

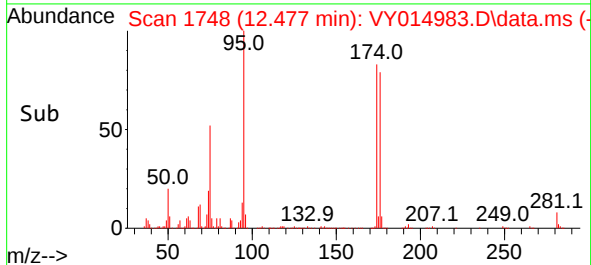
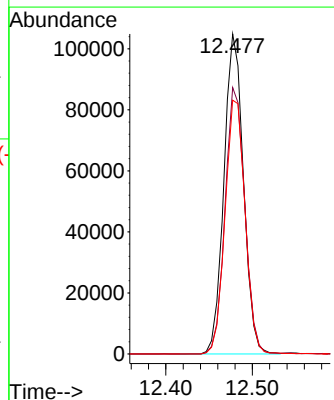
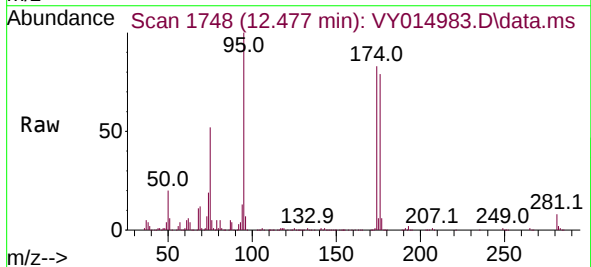
Instrument :
MSVOA_Y
ClientSampleId :
B-PP20

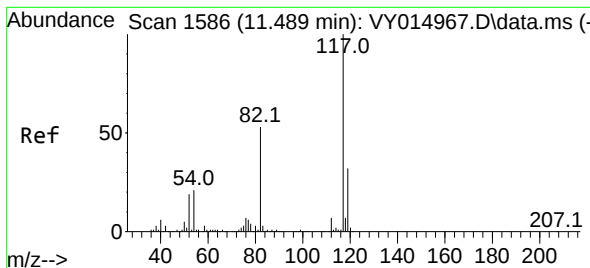
Tgt Ion: 98 Resp: 433130
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.994 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014983.D
Acq: 08 Aug 2023 14:25

Tgt Ion: 95 Resp: 163908
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014983.D

Acq: 08 Aug 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

B-PP20

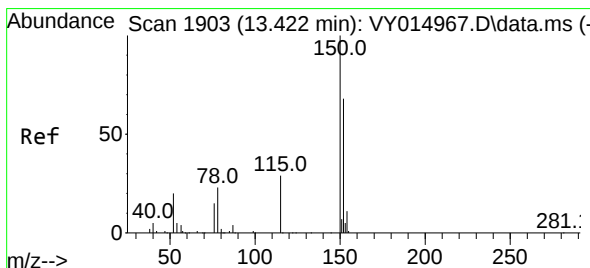
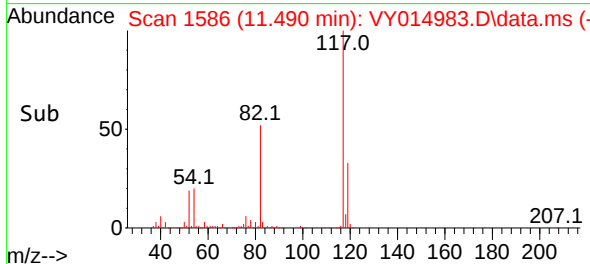
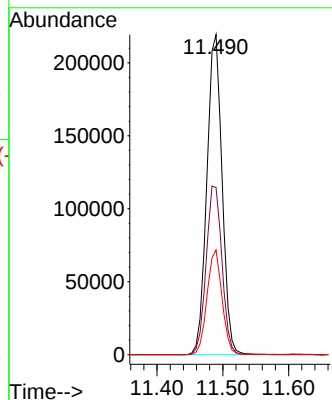
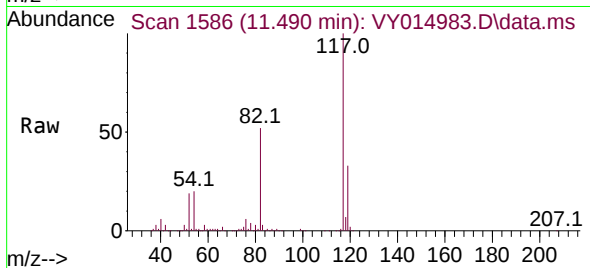
Tgt Ion:117 Resp: 353952

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 32.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014983.D

Acq: 08 Aug 2023 14:25

Tgt Ion:152 Resp: 174986

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 159.2 0.0 348.8

