

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014980.D
 Acq On : 08 Aug 2023 13:14
 Operator : SY/MD
 Sample : 03917-02RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP04ABRE

Quant Time: Aug 08 15:52:37 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	12715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9104	59.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.140%
35) Dibromofluoromethane	7.716	113	6096	43.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.400%
50) Toluene-d8	10.179	98	26897	50.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.483	95	9791	51.438	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.880%

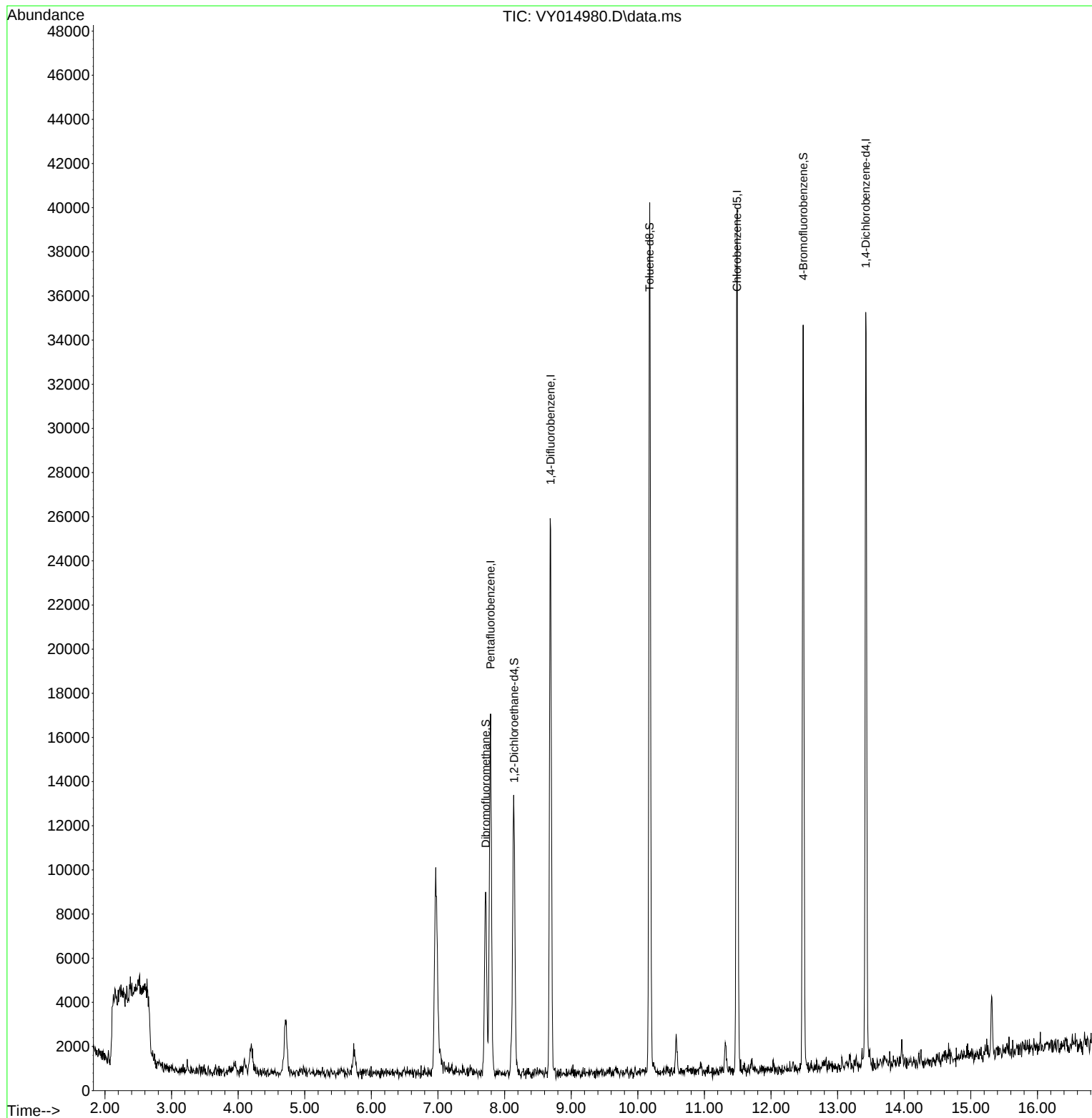
Target Compounds	Qvalue

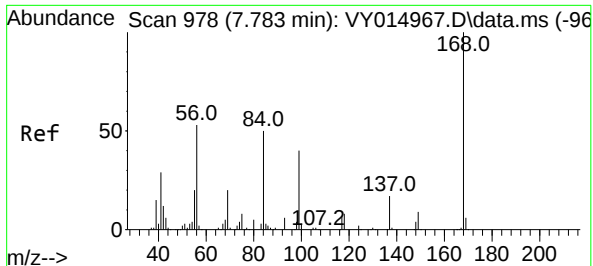
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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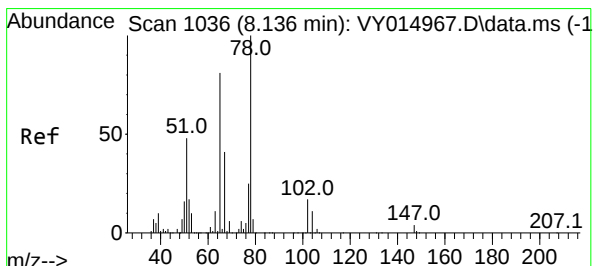
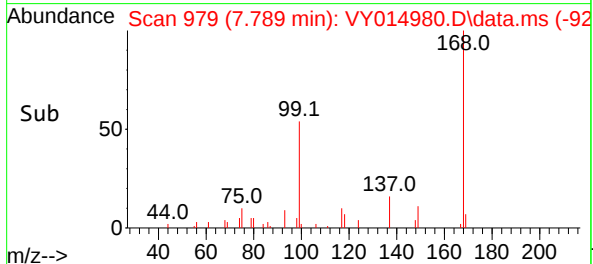
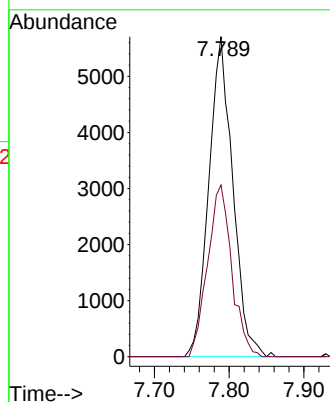
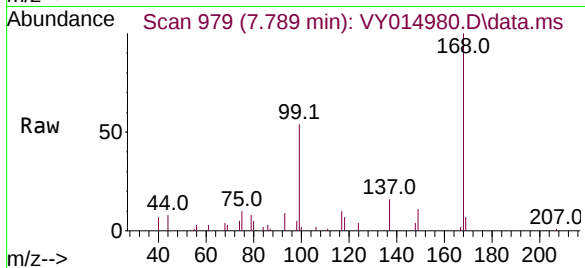




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014980.D
Acq: 08 Aug 2023 13:14

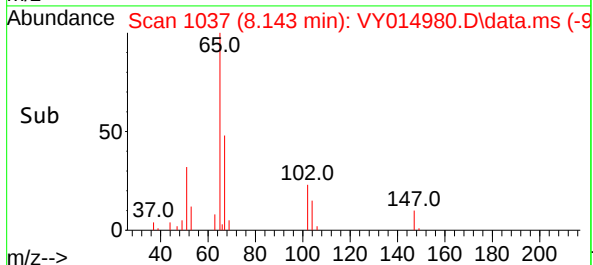
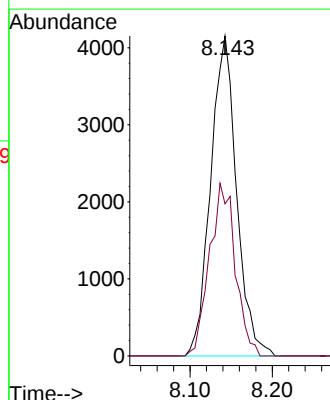
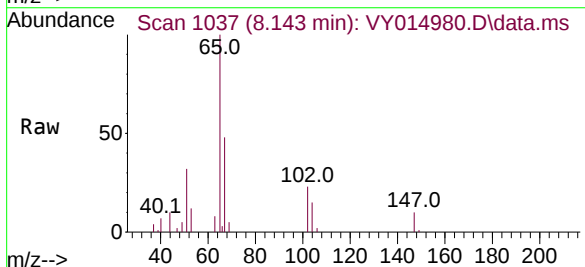
Instrument :
MSVOA_Y
ClientSampleId :
B-PP04ABRE

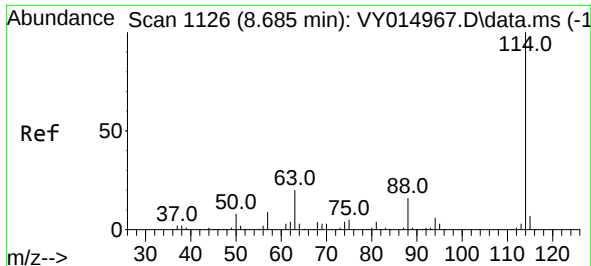
Tgt Ion:168 Resp: 12715
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.075 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014980.D
Acq: 08 Aug 2023 13:14

Tgt Ion: 65 Resp: 9104
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014980.D

Acq: 08 Aug 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

B-PP04ABRE

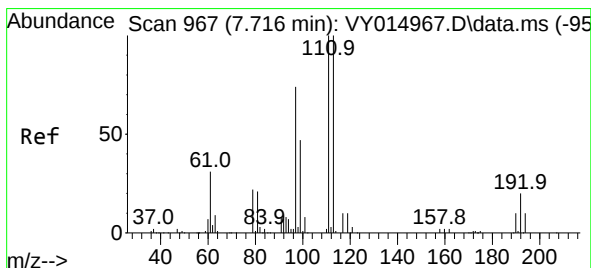
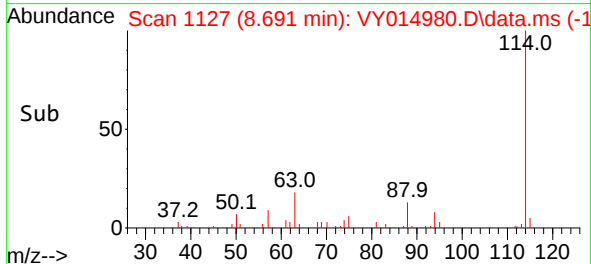
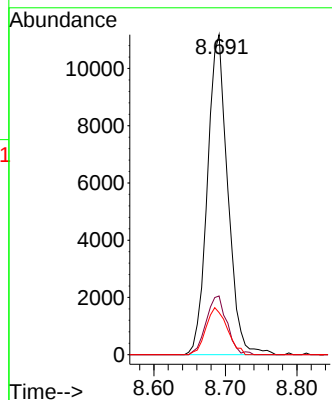
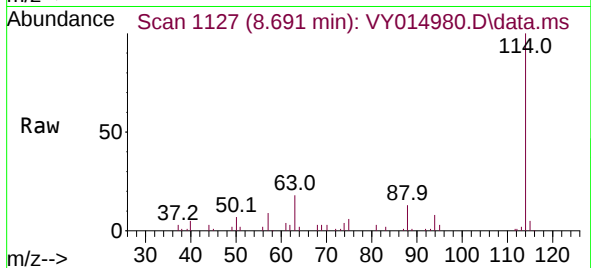
Tgt Ion:114 Resp: 22065

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 13.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.203 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY014980.D

Acq: 08 Aug 2023 13:14

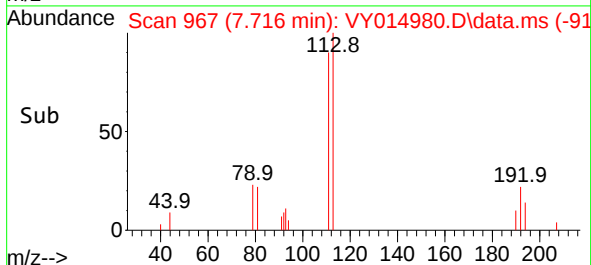
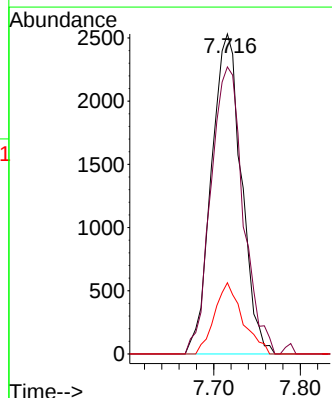
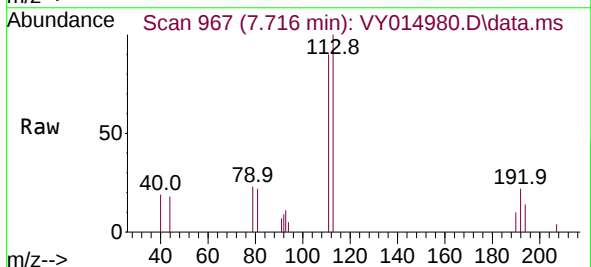
Tgt Ion:113 Resp: 6096

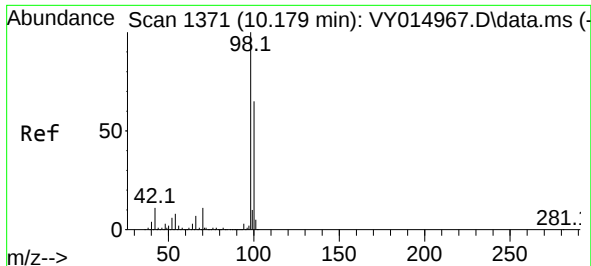
Ion Ratio Lower Upper

113 100

111 96.5 81.3 121.9

192 20.8 16.9 25.3

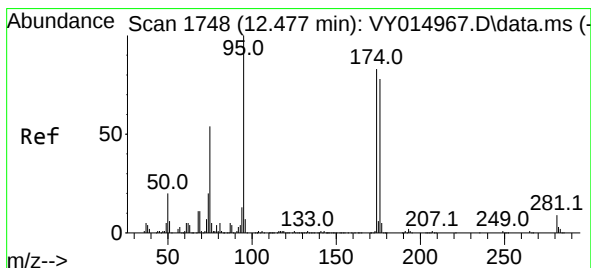
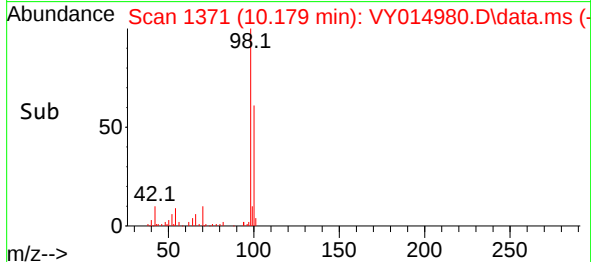
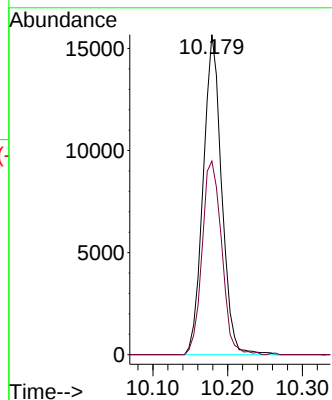
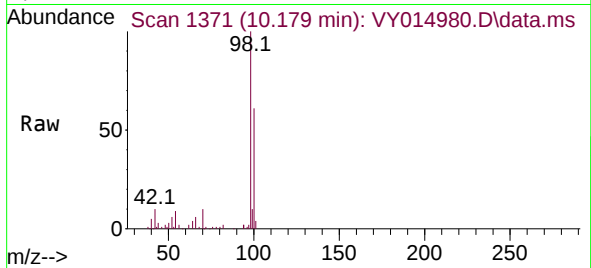




#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014980.D
Acq: 08 Aug 2023 13:14

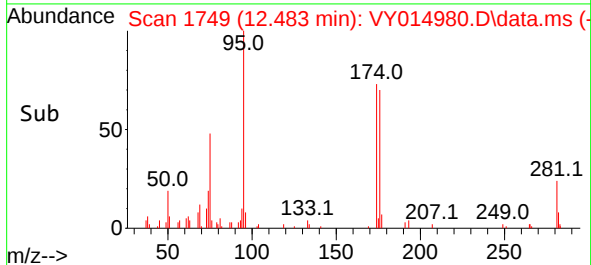
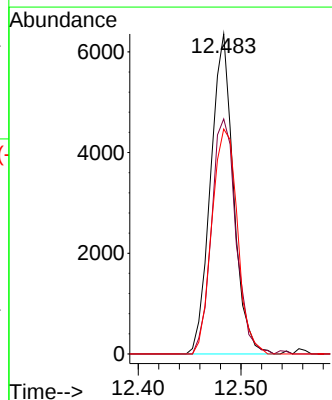
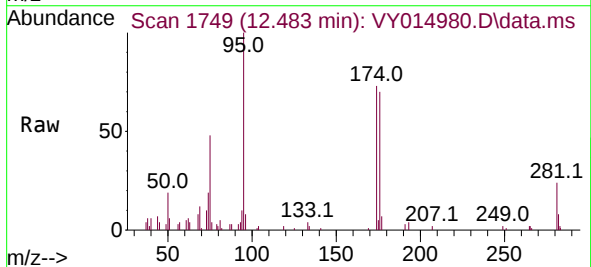
Instrument :
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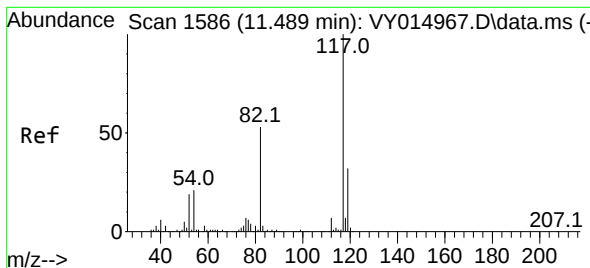
Tgt Ion: 98 Resp: 26897
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.438 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014980.D
Acq: 08 Aug 2023 13:14

Tgt Ion: 95 Resp: 9791
Ion Ratio Lower Upper
95 100
174 78.5 0.0 178.2
176 78.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014980.D

Acq: 08 Aug 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

B-PP04ABRE

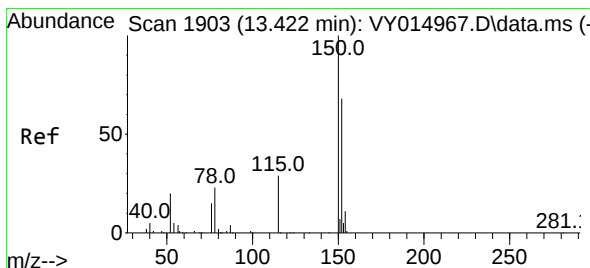
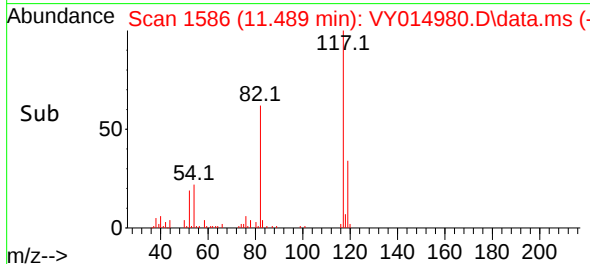
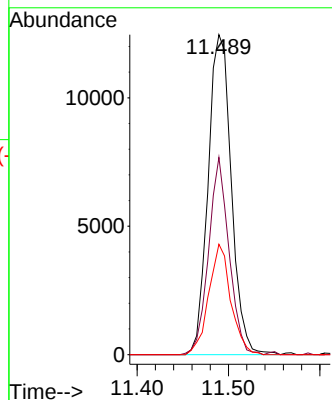
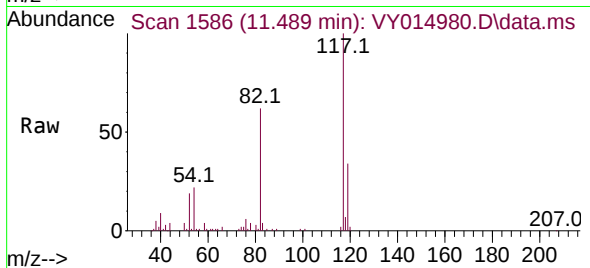
Tgt Ion:117 Resp: 22002

Ion Ratio Lower Upper

117 100

82 61.6 43.4 65.0

119 34.5 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: VY014980.D

Acq: 08 Aug 2023 13:14

Tgt Ion:152 Resp: 9322

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 155.2 0.0 348.8

