

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015146.D
 Acq On : 16 Aug 2023 13:43
 Operator : SY/MD
 Sample : 04016-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP15BRE

Quant Time: Aug 16 16:17:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	9489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5974	52.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.900%
35) Dibromofluoromethane	7.716	113	4703	46.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.900%
50) Toluene-d8	10.179	98	18528	49.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.483	95	6385	46.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%

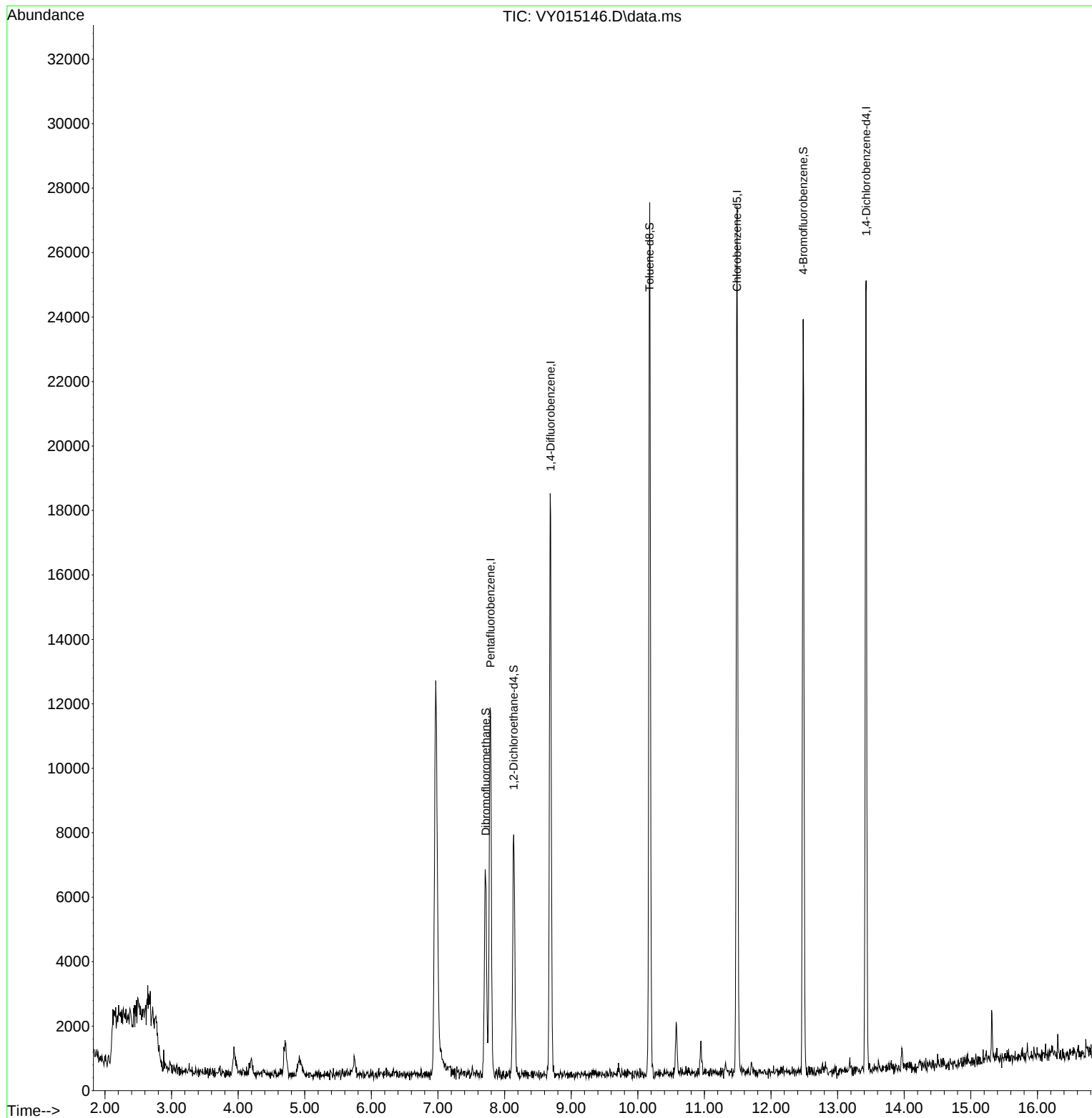
Target Compounds	Qvalue

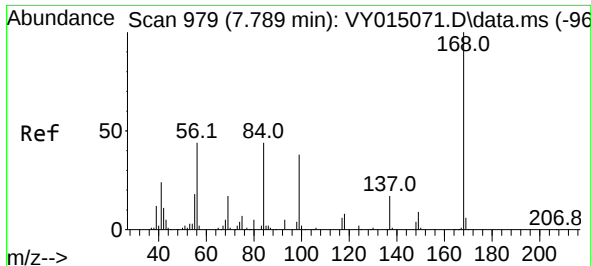
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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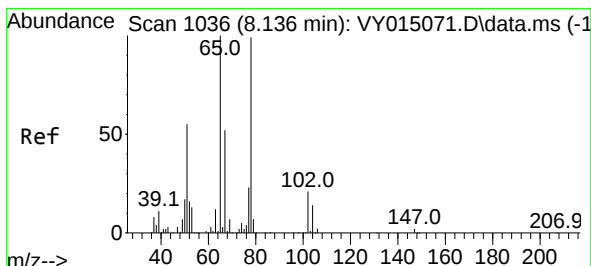
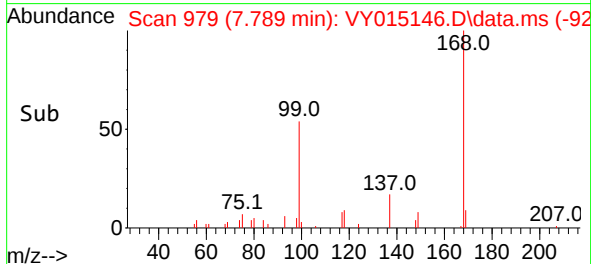
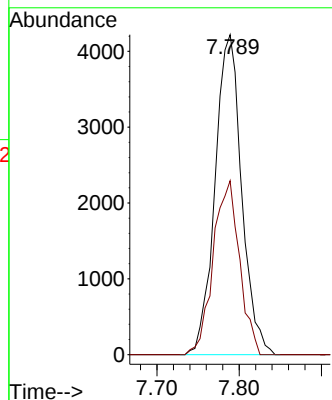
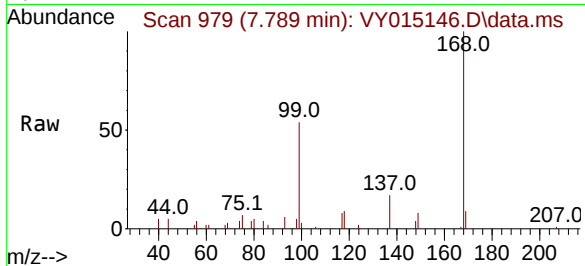




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015146.D
Acq: 16 Aug 2023 13:43

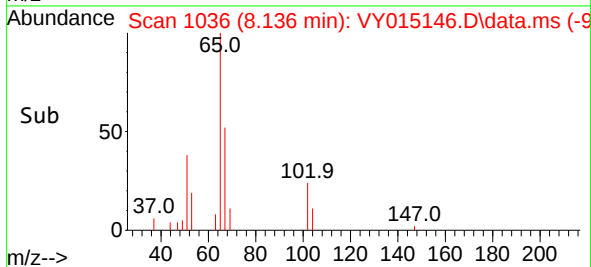
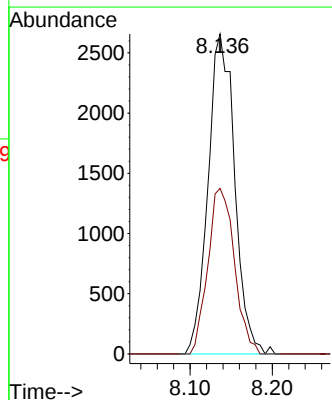
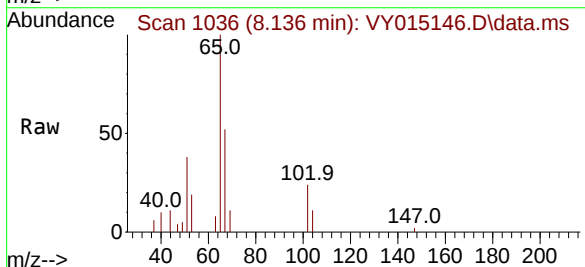
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15BRE

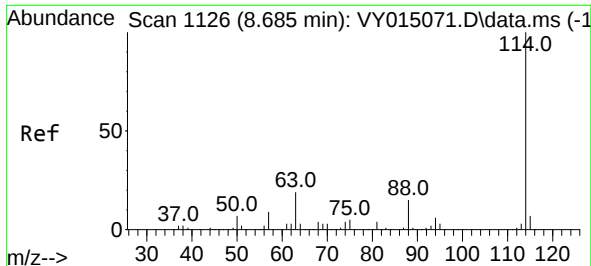
Tgt Ion:168 Resp: 9489
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.446 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015146.D
Acq: 16 Aug 2023 13:43

Tgt Ion: 65 Resp: 5974
Ion Ratio Lower Upper
65 100
67 51.6 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: VY015146.D

Acq: 16 Aug 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

B-PP15BRE

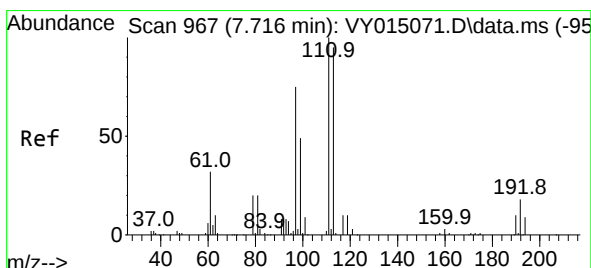
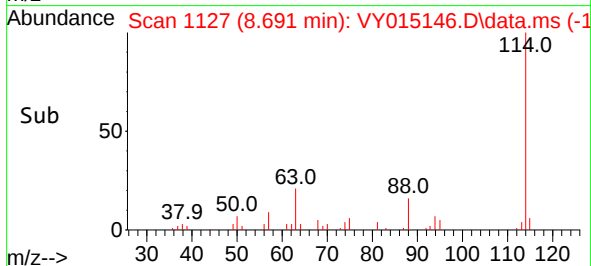
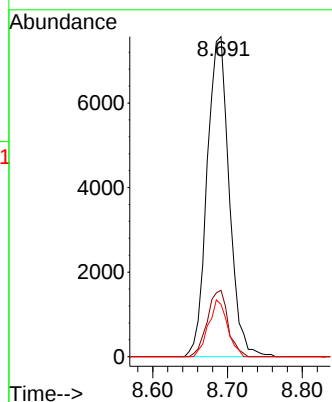
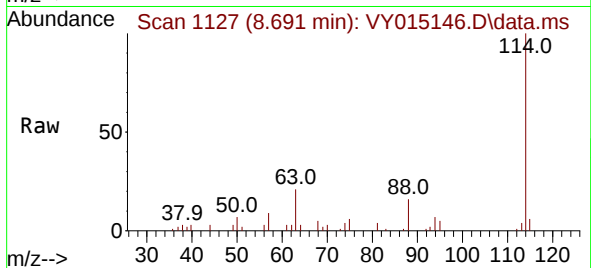
Tgt Ion:114 Resp: 15571

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.948 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015146.D

Acq: 16 Aug 2023 13:43

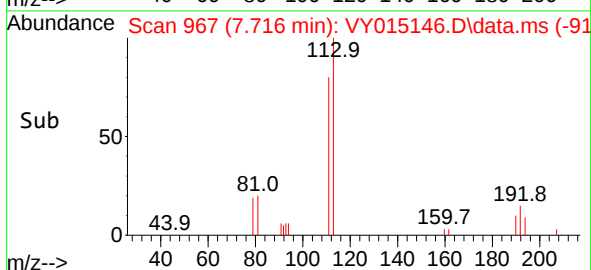
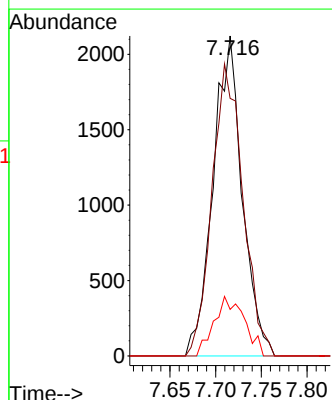
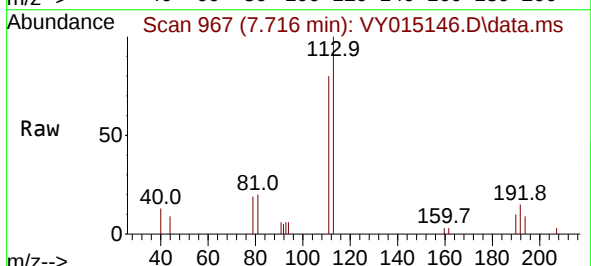
Tgt Ion:113 Resp: 4703

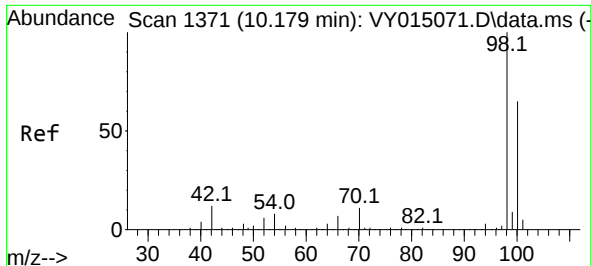
Ion Ratio Lower Upper

113 100

111 96.7 81.3 121.9

192 19.2 16.9 25.3

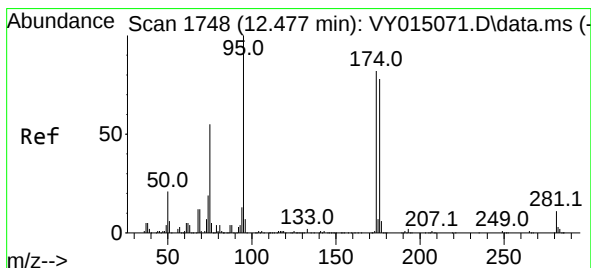
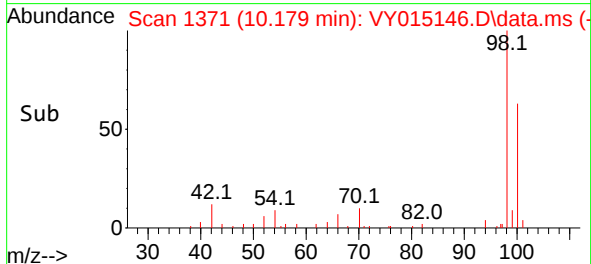
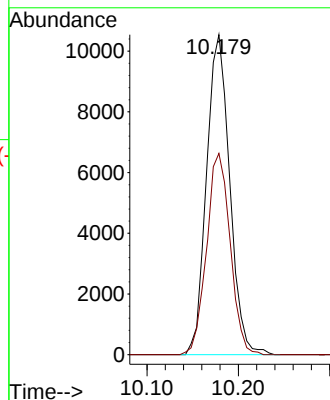
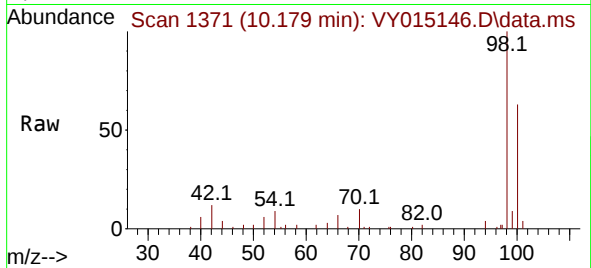




#50
Toluene-d8
Concen: 49.686 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015146.D
Acq: 16 Aug 2023 13:43

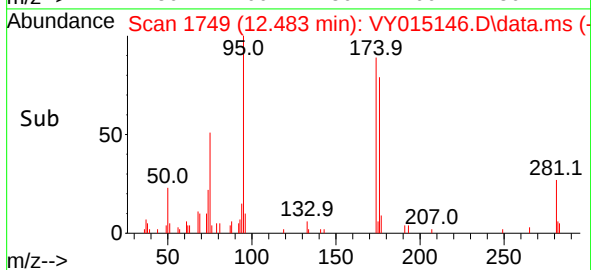
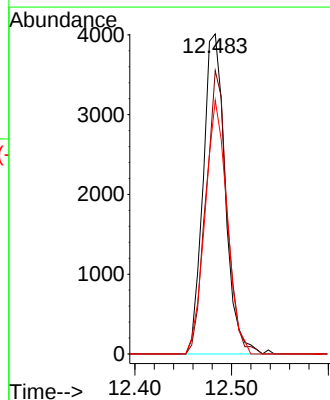
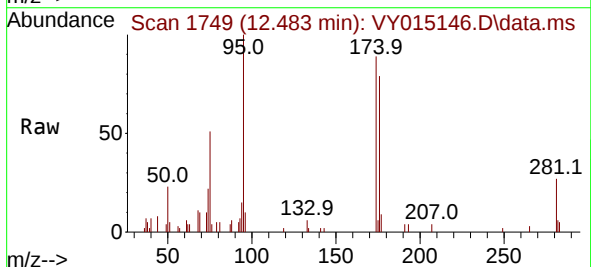
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15BRE

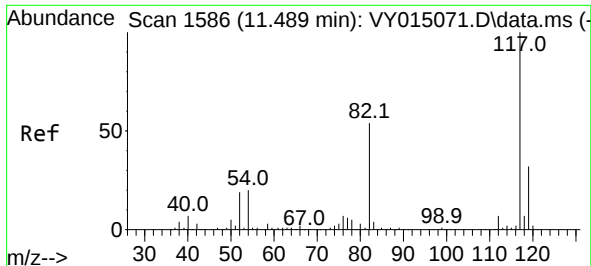
Tgt Ion: 98 Resp: 18528
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015146.D
Acq: 16 Aug 2023 13:43

Tgt Ion: 95 Resp: 6385
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 79.1 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: VY015146.D

Acq: 16 Aug 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

B-PP15BRE

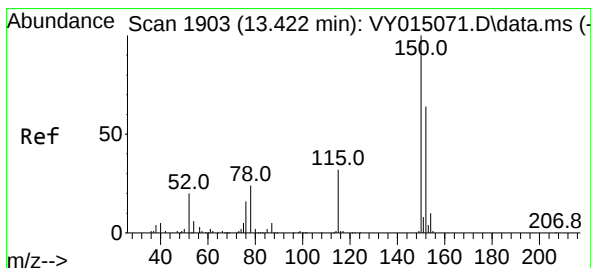
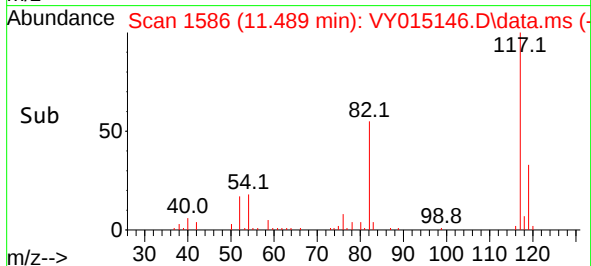
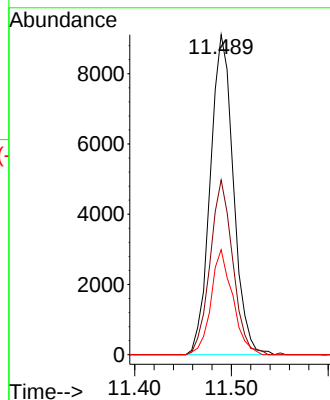
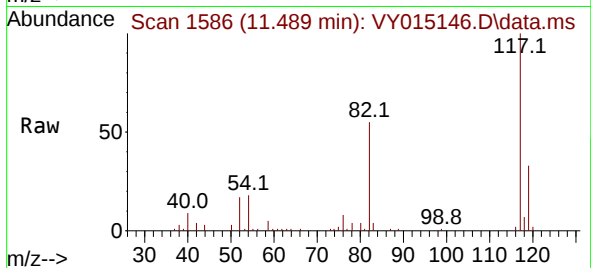
Tgt Ion:117 Resp: 15164

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015146.D

Acq: 16 Aug 2023 13:43

Tgt Ion:152 Resp: 6654

Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.5

150 155.0 0.0 348.8

