

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015140.D
 Acq On : 16 Aug 2023 11:22
 Operator : SY/MD
 Sample : 04011-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-081423RE

Quant Time: Aug 17 05:27:53 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	66382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	112191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	106175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40557	50.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.800%
35) Dibromofluoromethane	7.716	113	36179	50.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.179	98	132440	49.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.477	95	46906	47.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.600%

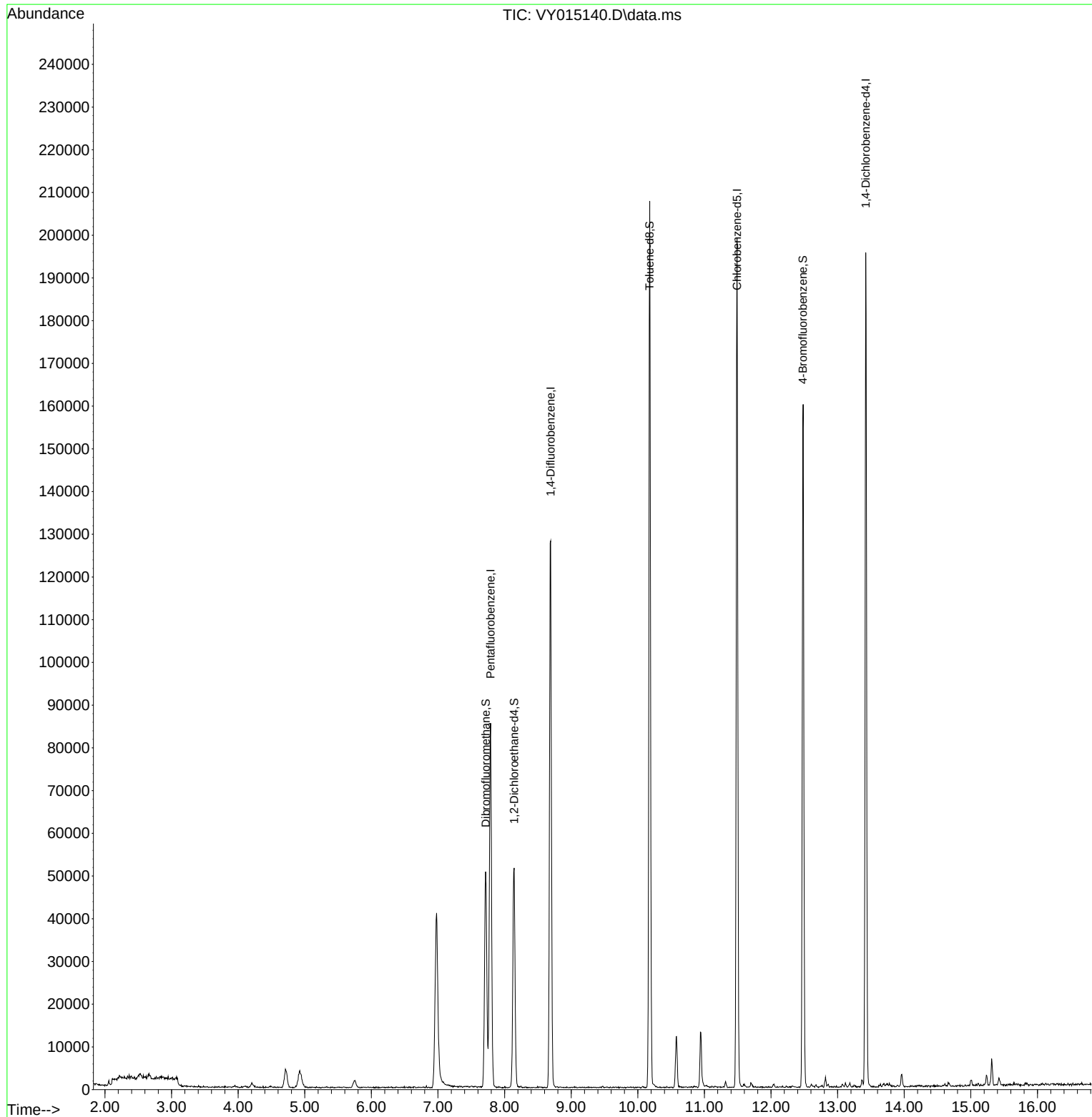
Target Compounds	Qvalue

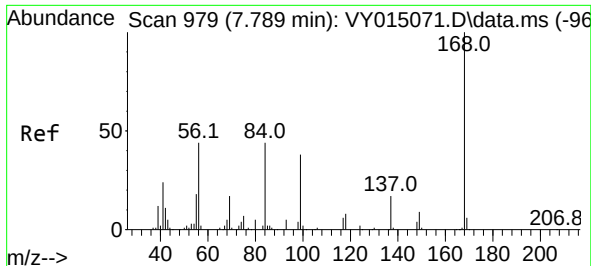
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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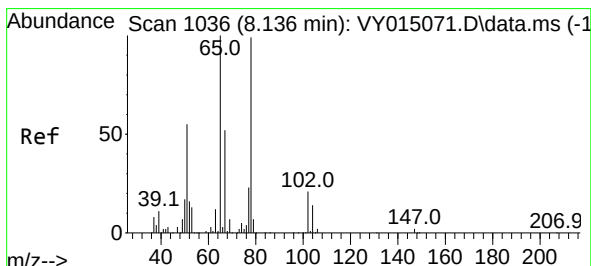
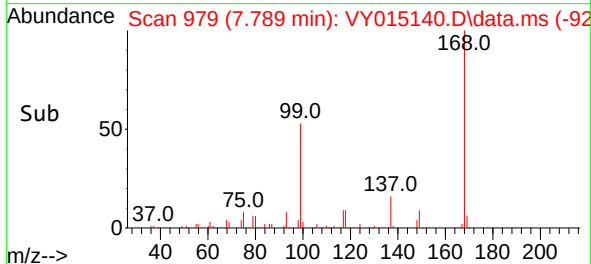
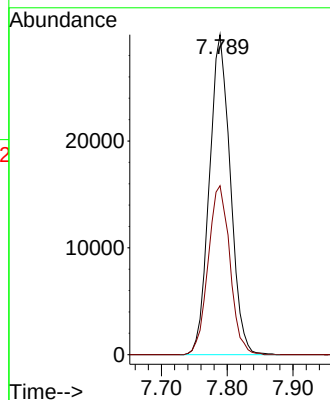
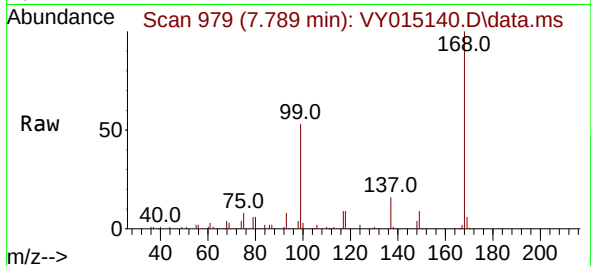




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015140.D
Acq: 16 Aug 2023 11:22

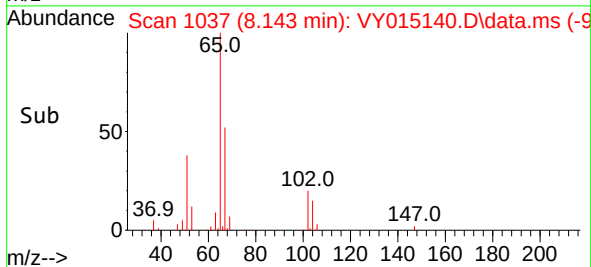
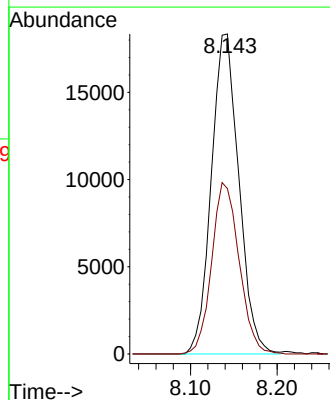
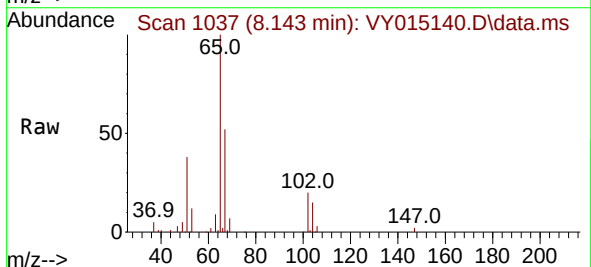
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-081423RE

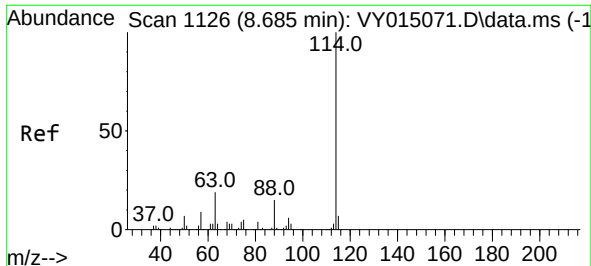
Tgt Ion:168 Resp: 66382
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.896 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015140.D
Acq: 16 Aug 2023 11:22

Tgt Ion: 65 Resp: 40557
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015140.D

Acq: 16 Aug 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-081423RE

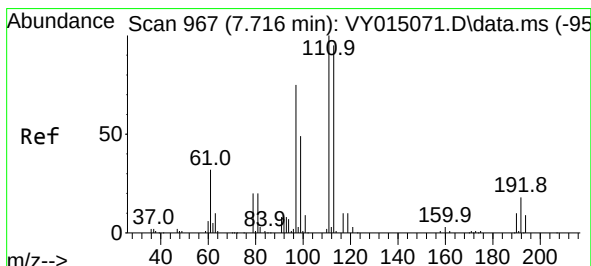
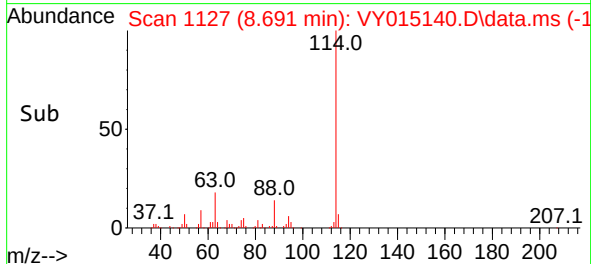
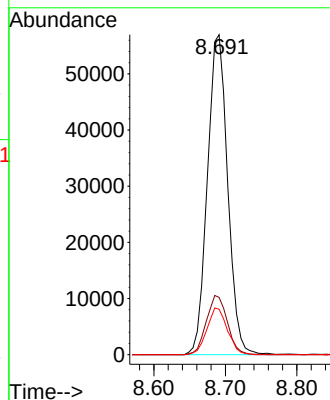
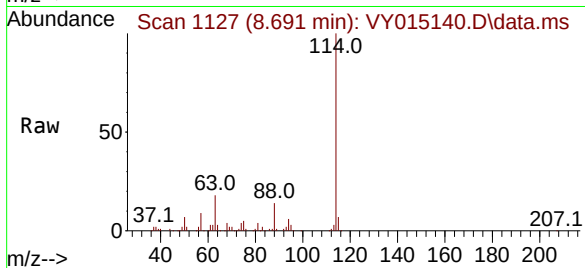
Tgt Ion:114 Resp: 112191

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.126 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015140.D

Acq: 16 Aug 2023 11:22

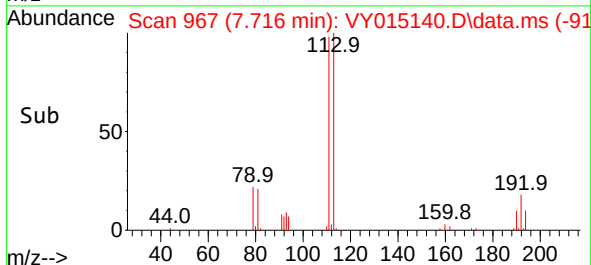
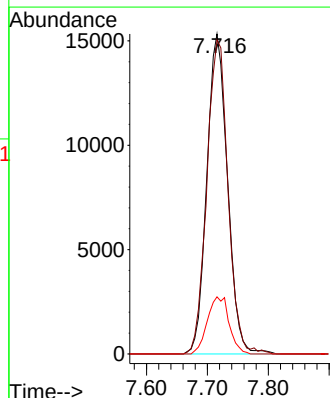
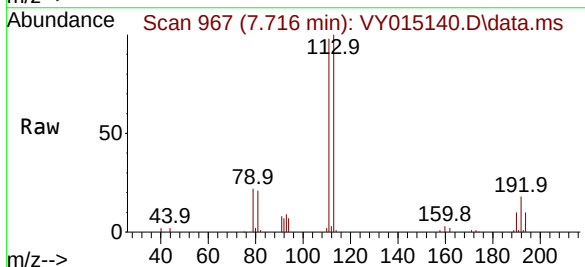
Tgt Ion:113 Resp: 36179

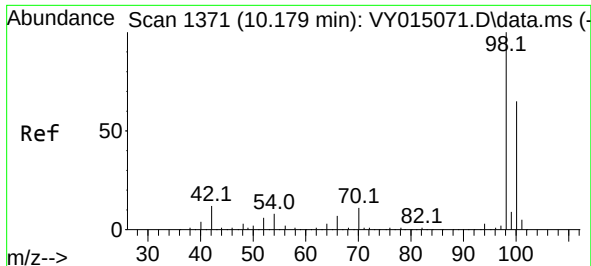
Ion Ratio Lower Upper

113 100

111 100.2 81.3 121.9

192 18.8 16.9 25.3

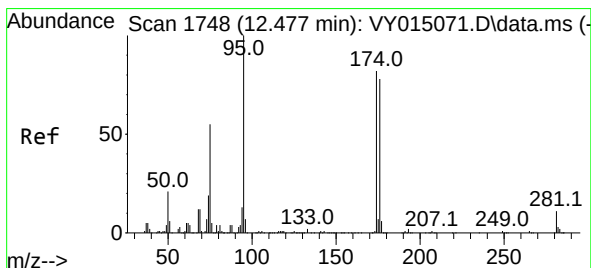
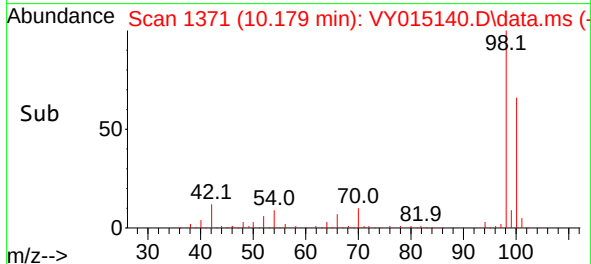
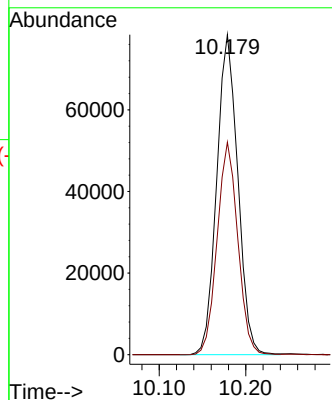
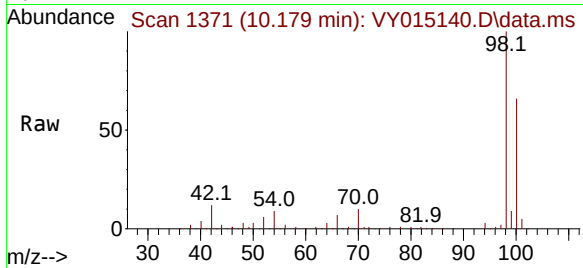




#50
Toluene-d8
Concen: 49.293 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015140.D
Acq: 16 Aug 2023 11:22

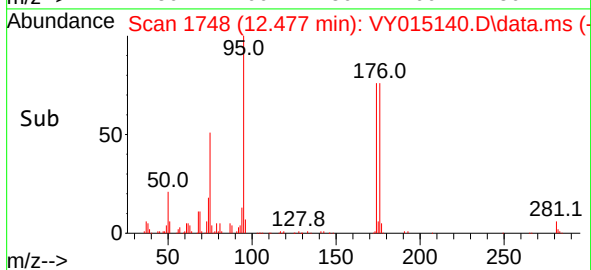
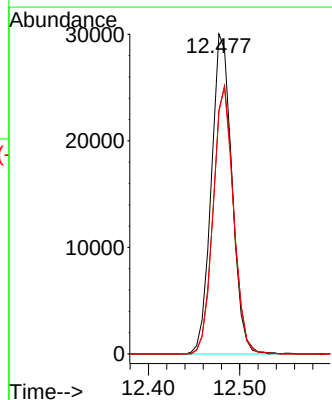
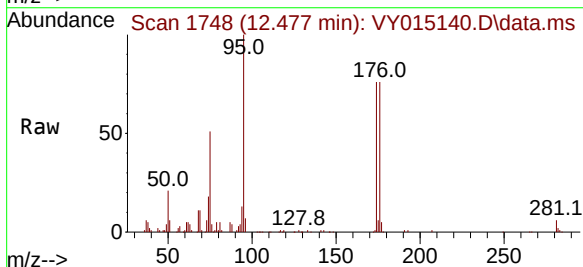
Instrument :
MSVOA_Y
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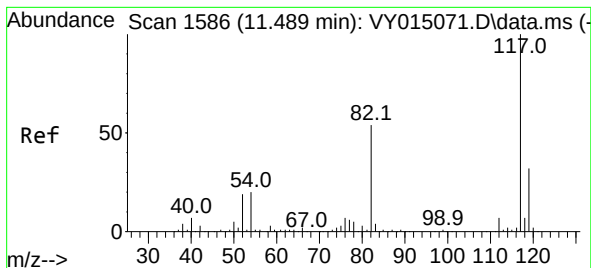
Tgt Ion: 98 Resp: 132440
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.797 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015140.D
Acq: 16 Aug 2023 11:22

Tgt Ion: 95 Resp: 46906
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 82.3 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: VY015140.D

Acq: 16 Aug 2023 11:22

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-081423RE

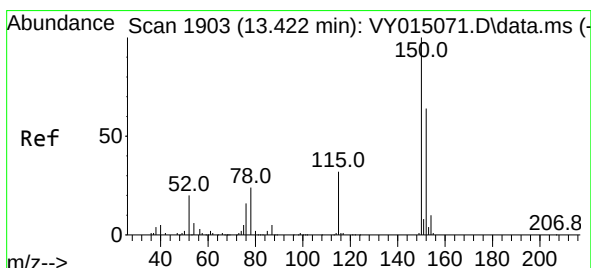
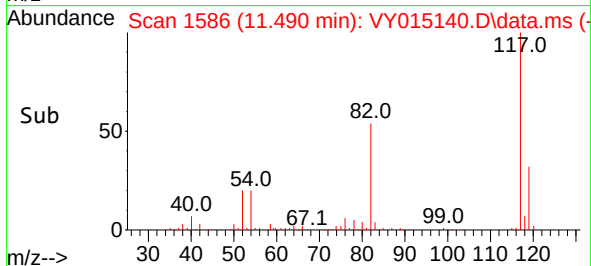
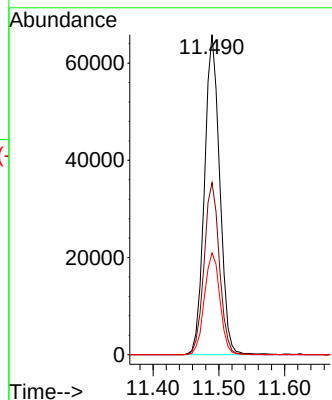
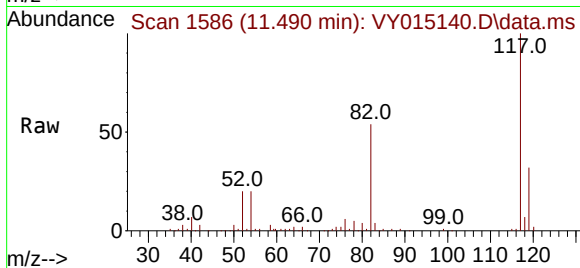
Tgt Ion:117 Resp: 106175

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.8 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: VY015140.D

Acq: 16 Aug 2023 11:22

Tgt Ion:152 Resp: 50317

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.6 0.0 348.8

