

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015149.D
 Acq On : 16 Aug 2023 14:54
 Operator : SY/MD
 Sample : 04017-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-081423-BRE

Quant Time: Aug 17 05:29:52 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	7.783	168	40412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	65255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24057	49.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.716	113	22647	51.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.780%
50) Toluene-d8	10.179	98	80306	49.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.477	95	26769	45.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.220%

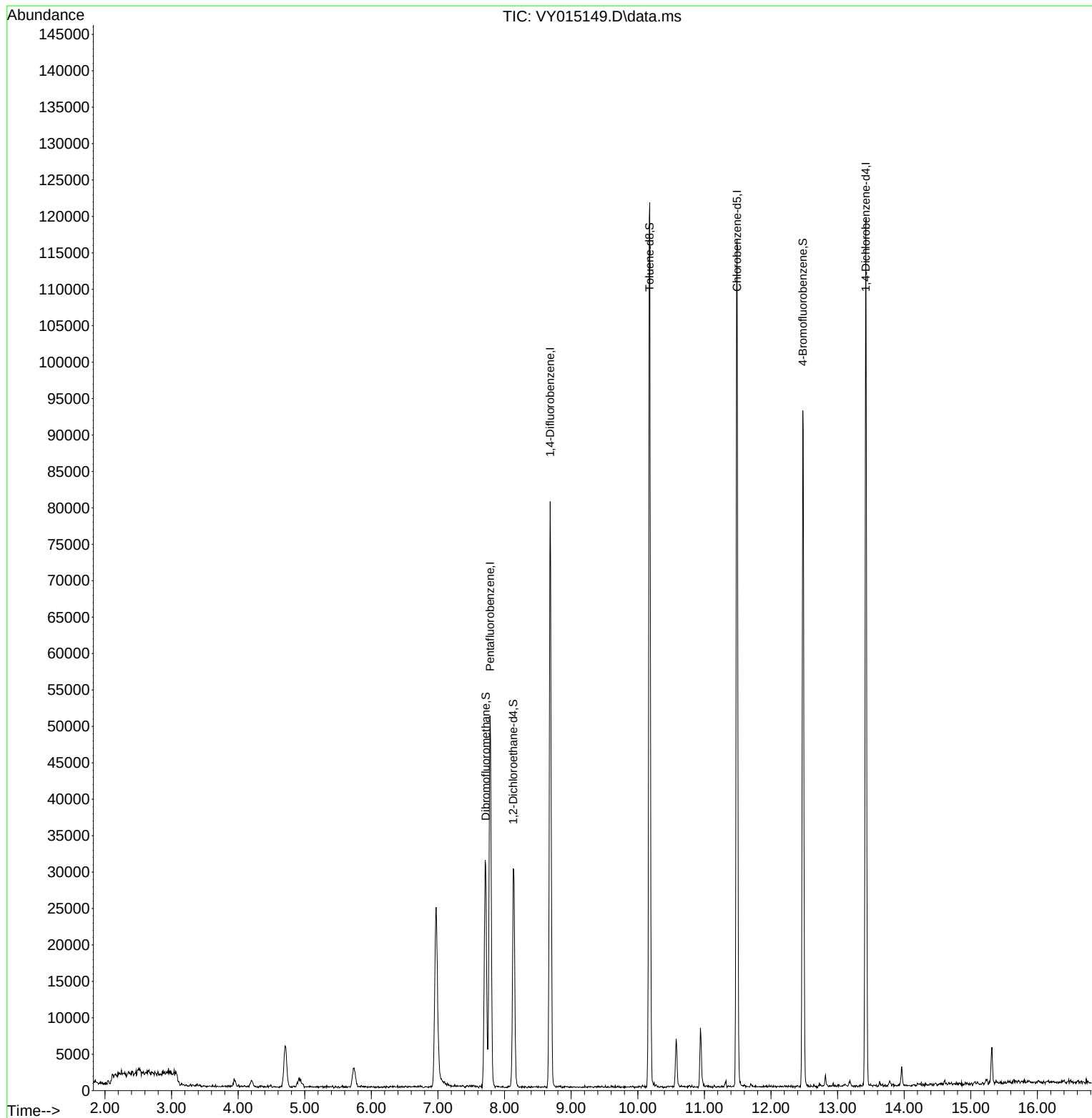
Target Compounds	Qvalue

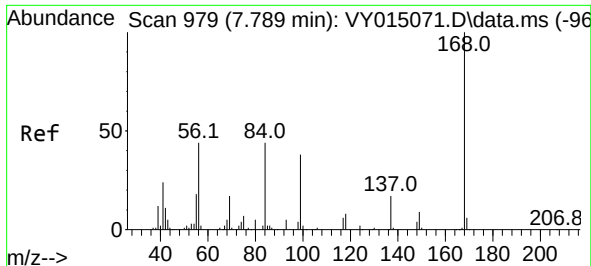
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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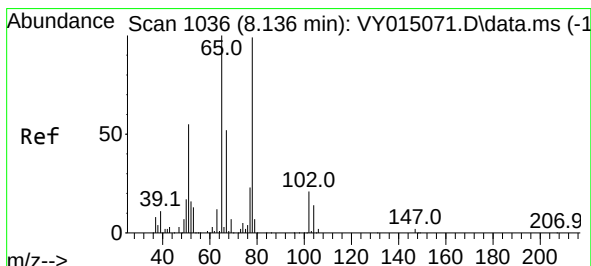
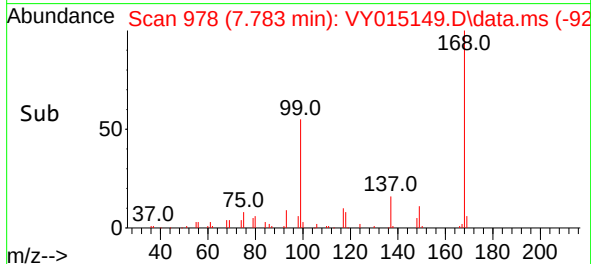
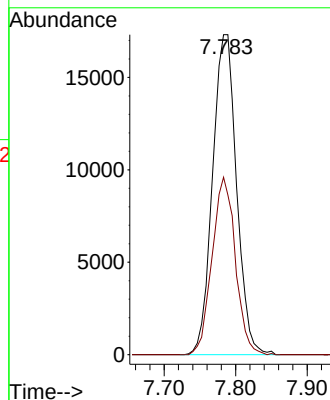
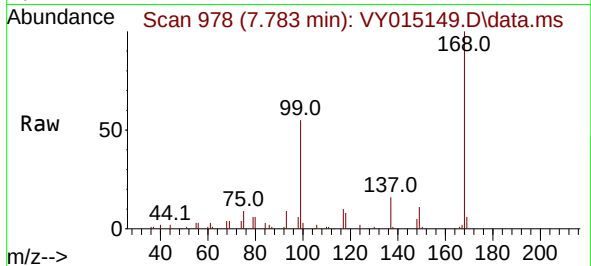




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015149.D
Acq: 16 Aug 2023 14:54

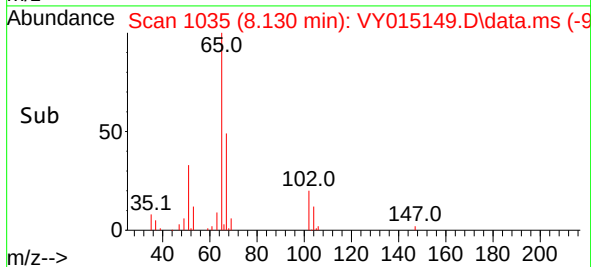
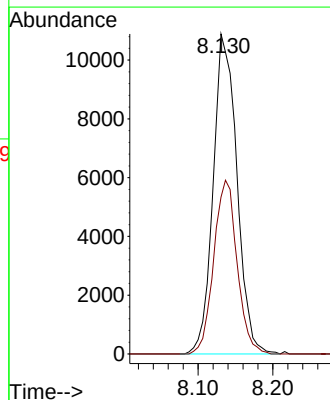
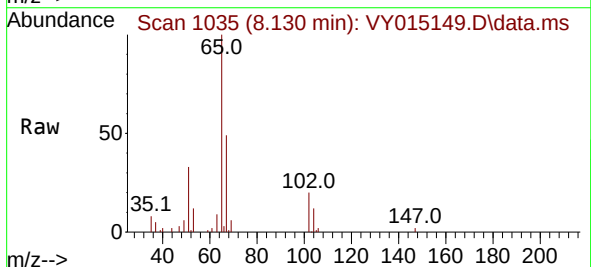
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-BRE

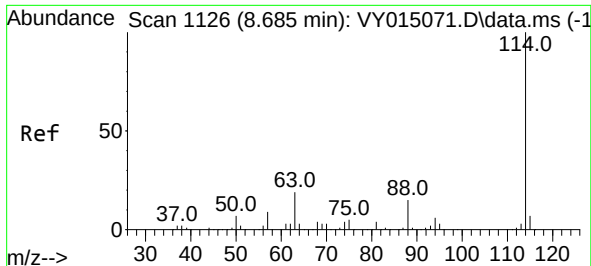
Tgt Ion:168 Resp: 40412
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.591 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015149.D
Acq: 16 Aug 2023 14:54

Tgt Ion: 65 Resp: 24057
Ion Ratio Lower Upper
65 100
67 53.3 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: VY015149.D

Acq: 16 Aug 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-081423-BRE

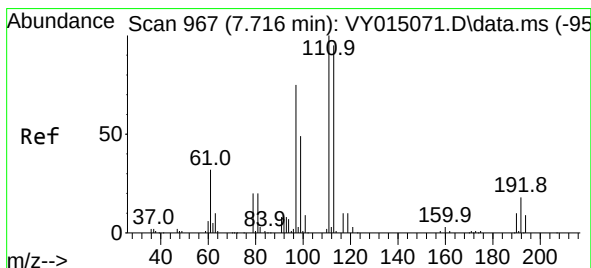
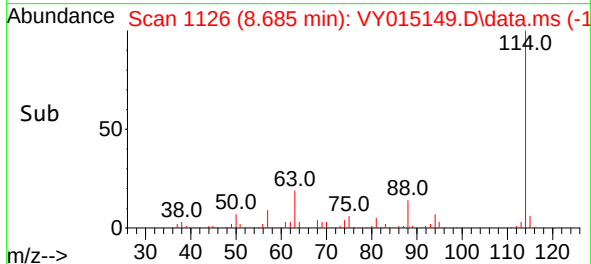
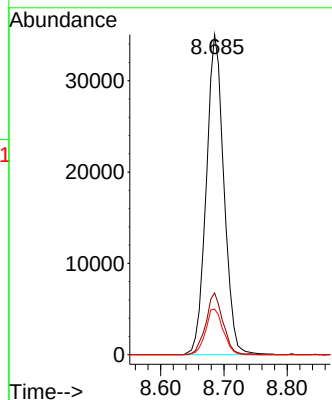
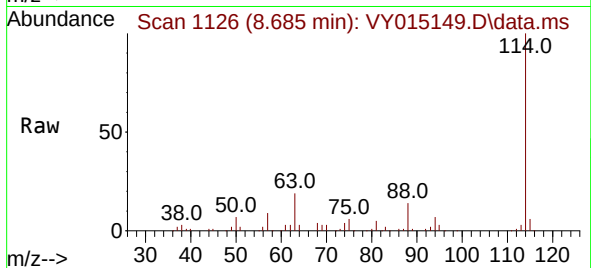
Tgt Ion:114 Resp: 67846

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.886 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015149.D

Acq: 16 Aug 2023 14:54

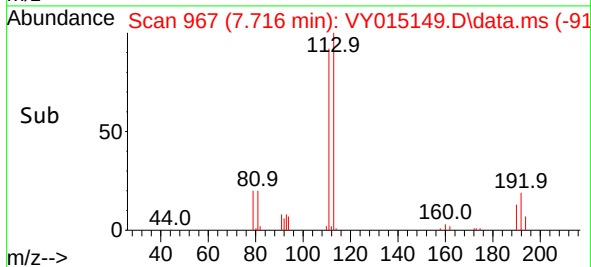
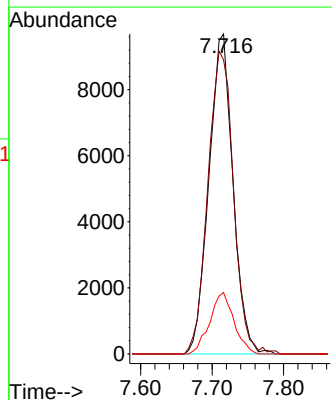
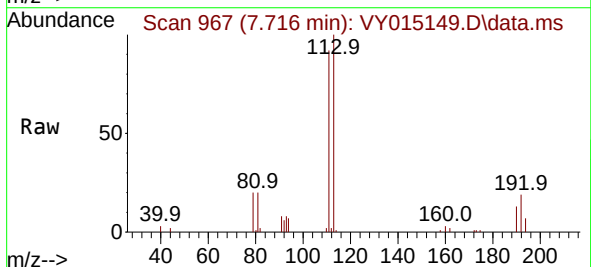
Tgt Ion:113 Resp: 22647

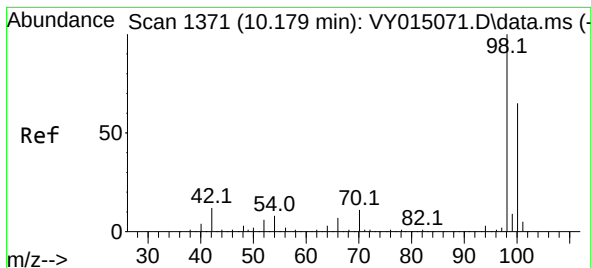
Ion Ratio Lower Upper

113 100

111 100.4 81.3 121.9

192 19.3 16.9 25.3





#50

Toluene-d8

Concen: 49.425 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015149.D

Acq: 16 Aug 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

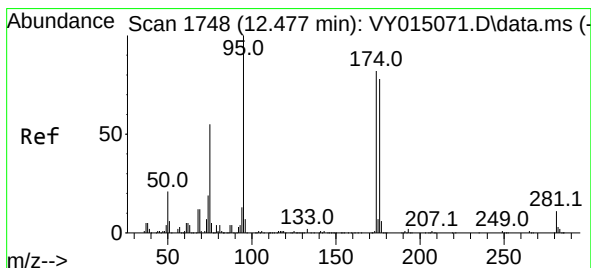
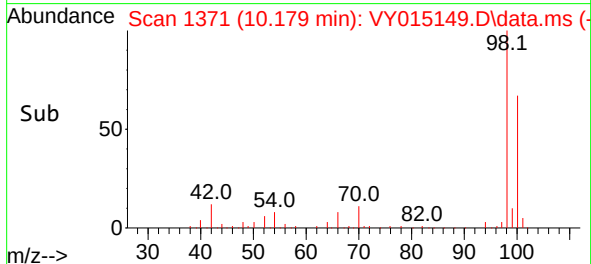
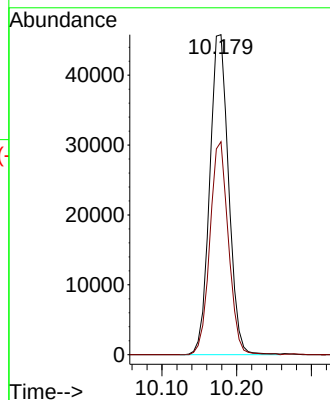
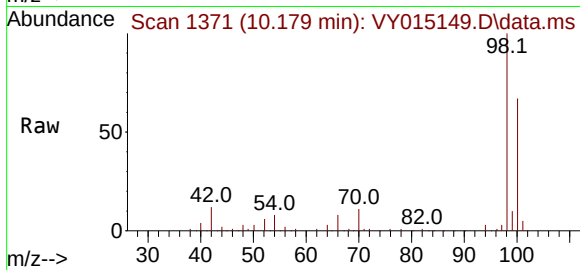
JC-03-081423-BRE

Tgt Ion: 98 Resp: 80306

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 45.107 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015149.D

Acq: 16 Aug 2023 14:54

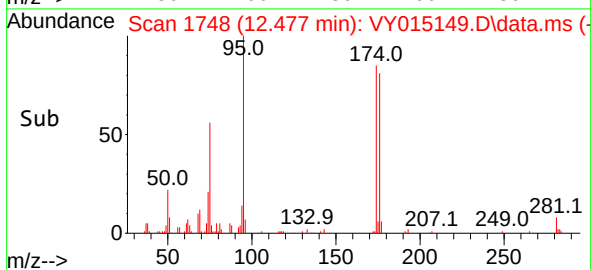
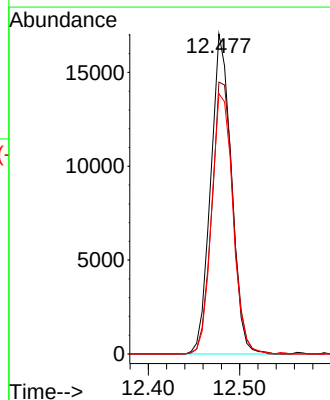
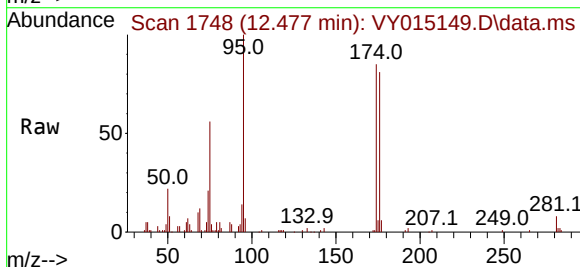
Tgt Ion: 95 Resp: 26769

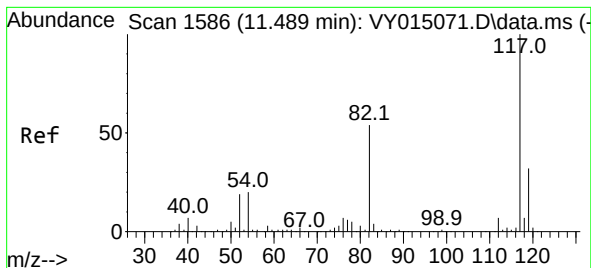
Ion Ratio Lower Upper

95 100

174 87.8 0.0 178.2

176 84.1 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: VY015149.D

Acq: 16 Aug 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-081423-BRE

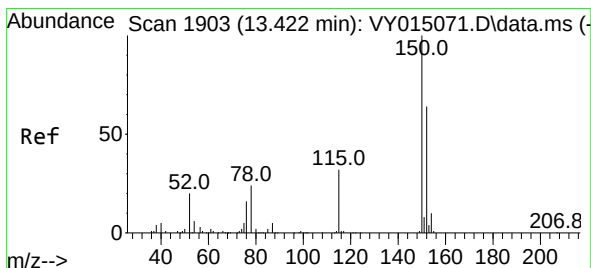
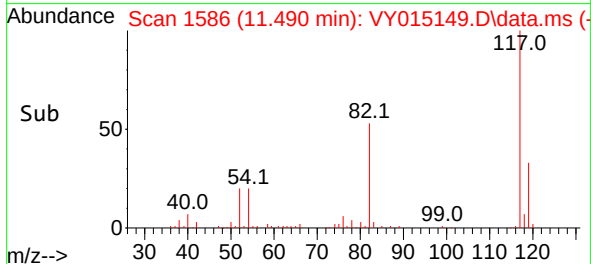
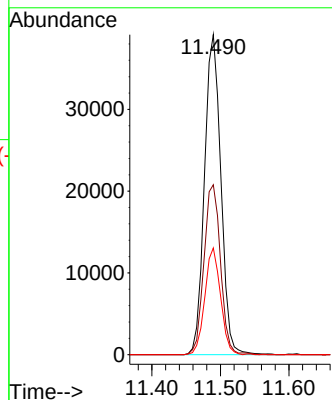
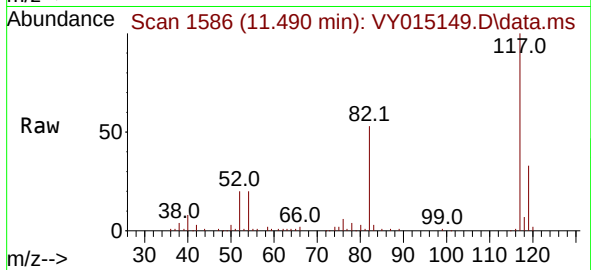
Tgt Ion:117 Resp: 65255

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 33.3 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: VY015149.D

Acq: 16 Aug 2023 14:54

Tgt Ion:152 Resp: 29481

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 161.7 0.0 348.8

