

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015155.D
 Acq On : 16 Aug 2023 17:16
 Operator : SY/MD
 Sample : 04022-07
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24

Quant Time: Aug 17 05:31:43 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	123616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84745	57.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.220%
35) Dibromofluoromethane	7.716	113	69136	49.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.179	98	263232	50.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.000%
62) 4-Bromofluorobenzene	12.483	95	98722	51.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.700%

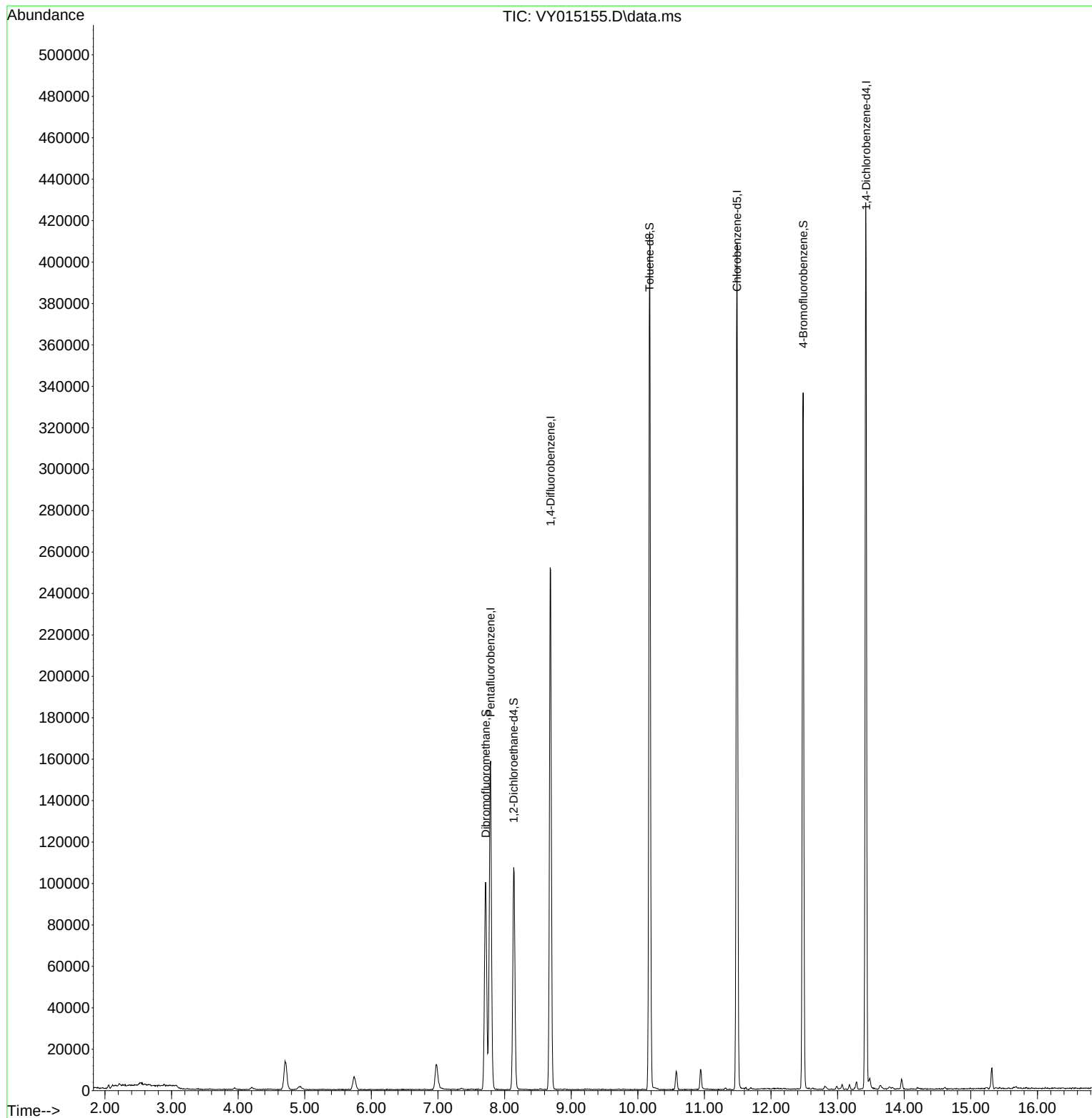
Target Compounds	Qvalue

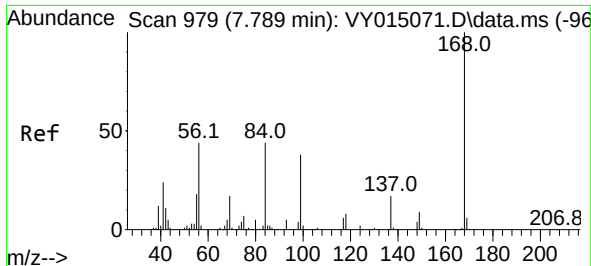
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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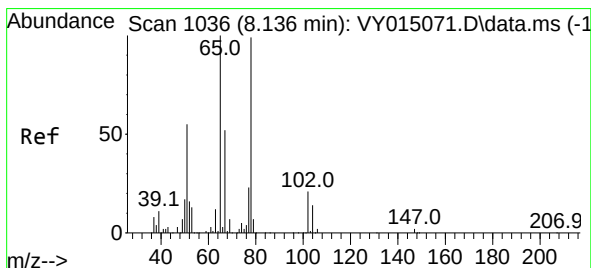
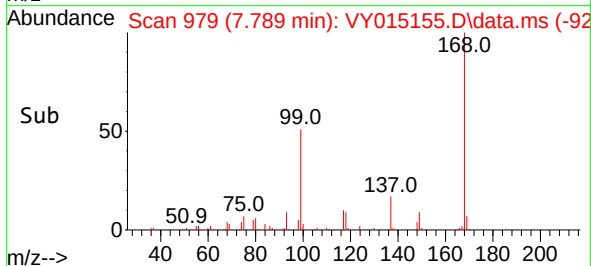
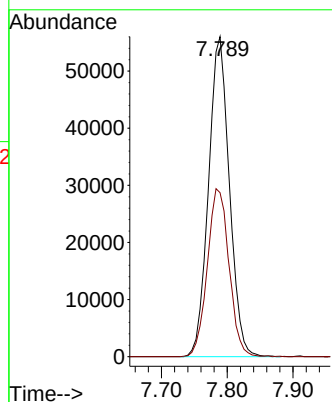
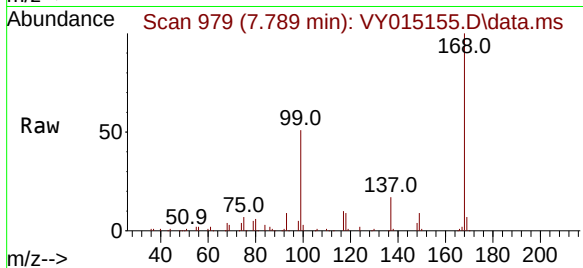




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015155.D
Acq: 16 Aug 2023 17:16

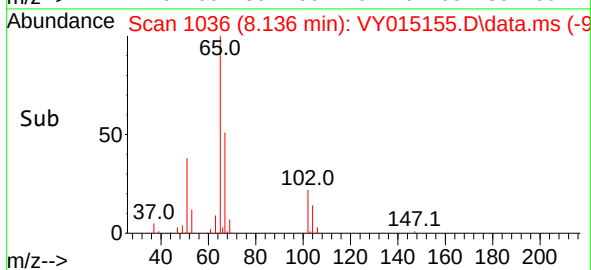
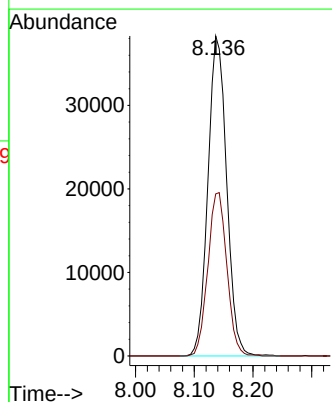
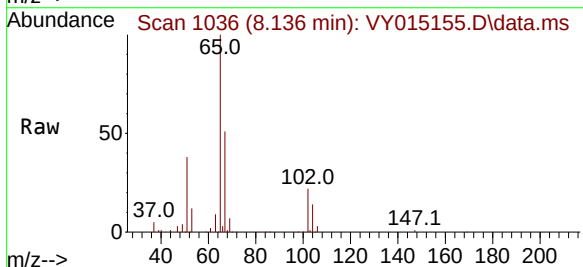
Instrument :
MSVOA_Y
ClientSampleId :
TP-24

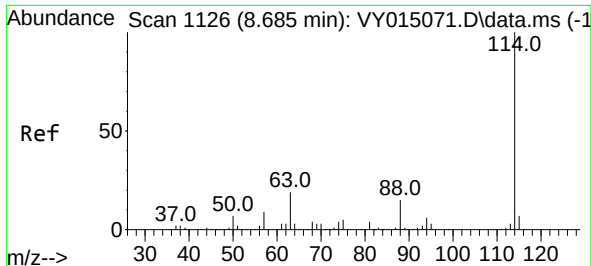
Tgt Ion:168 Resp: 123616
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.110 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015155.D
Acq: 16 Aug 2023 17:16

Tgt Ion: 65 Resp: 84745
Ion Ratio Lower Upper
65 100
67 51.9 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: VY015155.D

Acq: 16 Aug 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-24

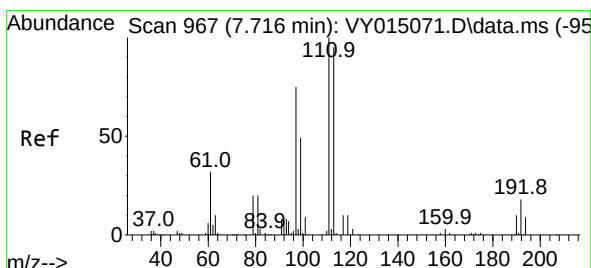
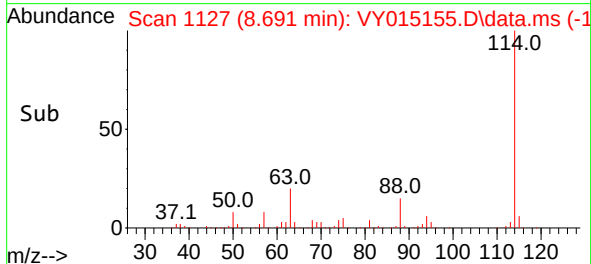
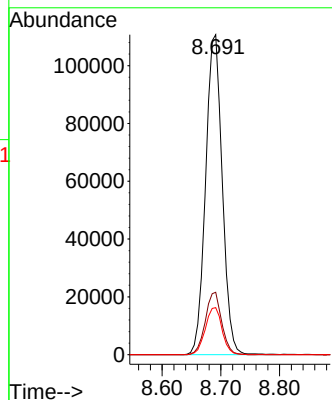
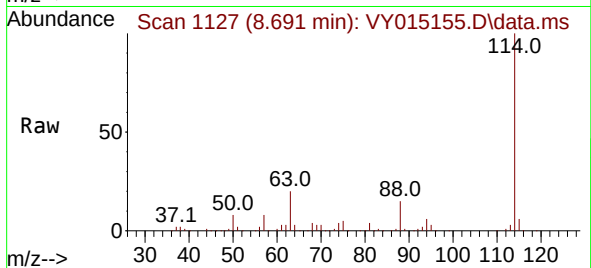
Tgt Ion:114 Resp: 217675

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.370 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015155.D

Acq: 16 Aug 2023 17:16

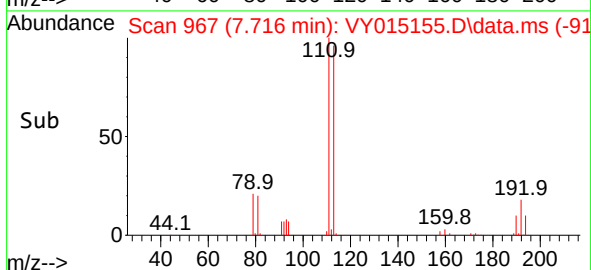
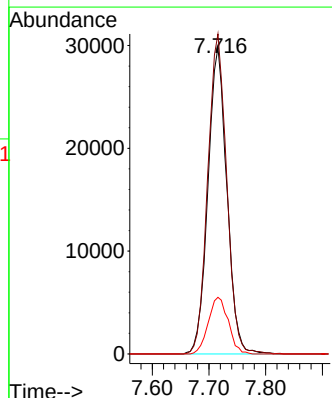
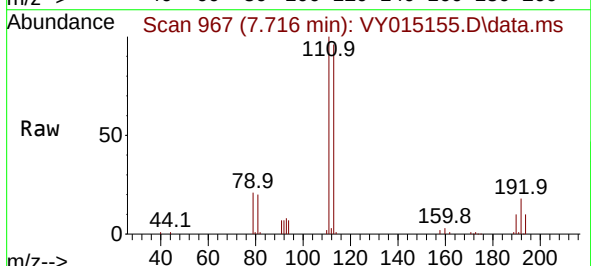
Tgt Ion:113 Resp: 69136

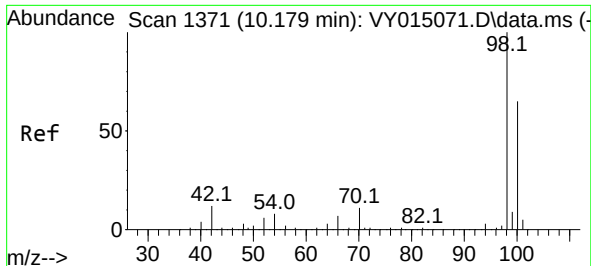
Ion Ratio Lower Upper

113 100

111 104.2 81.3 121.9

192 19.5 16.9 25.3

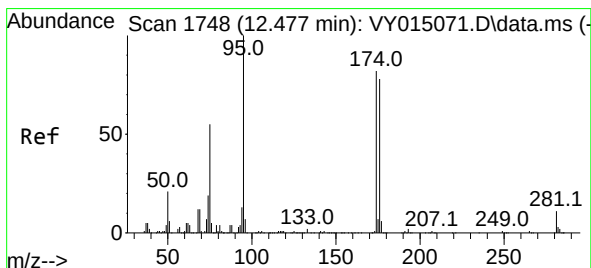
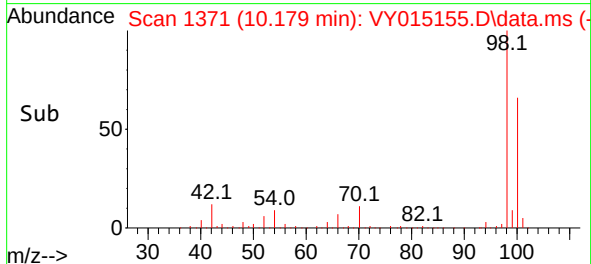
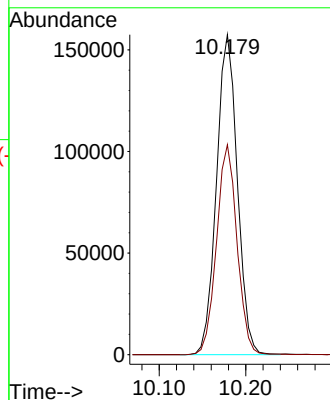
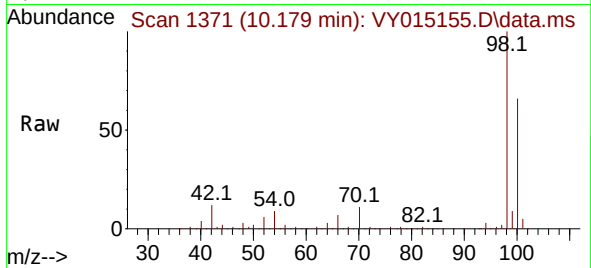




#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015155.D
Acq: 16 Aug 2023 17:16

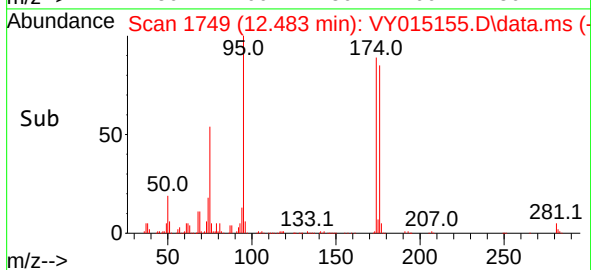
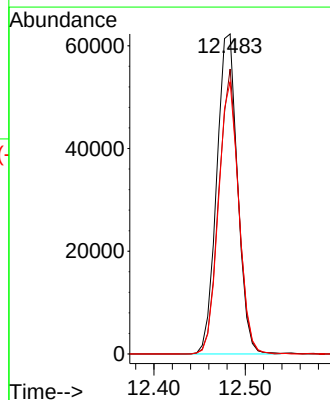
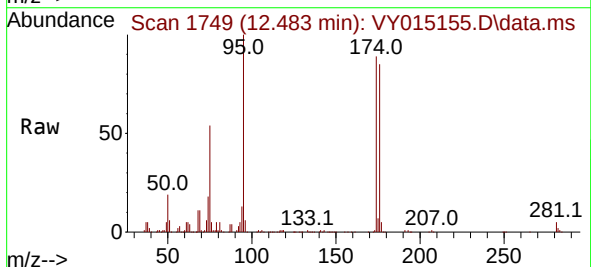
Instrument :
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TP-24

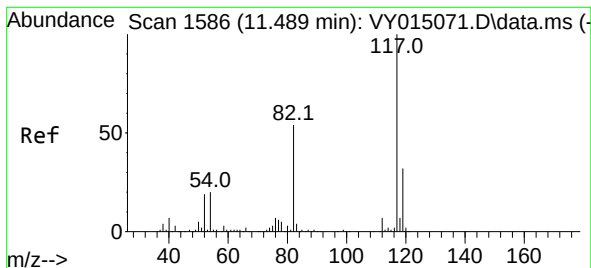
Tgt Ion: 98 Resp: 263232
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.849 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015155.D
Acq: 16 Aug 2023 17:16

Tgt Ion: 95 Resp: 98722
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 83.0 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: VY015155.D

Acq: 16 Aug 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-24

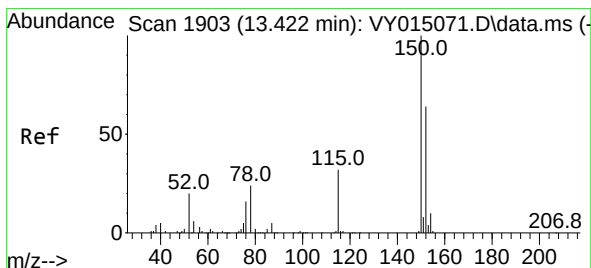
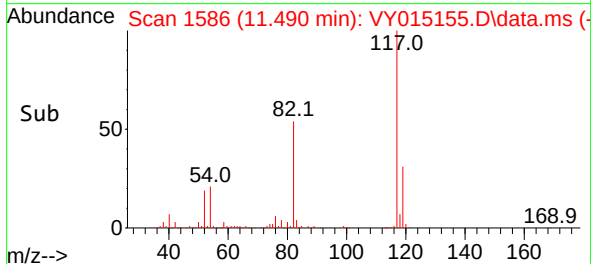
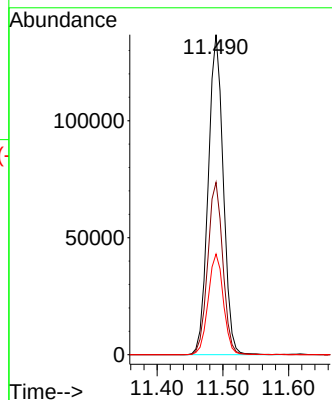
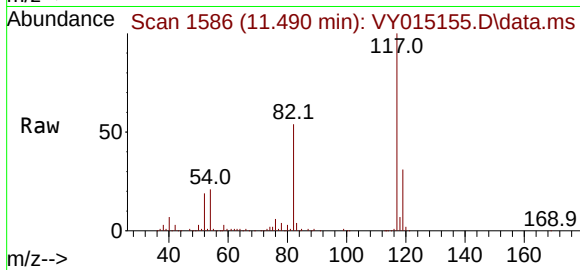
Tgt Ion:117 Resp: 217435

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.5 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: VY015155.D

Acq: 16 Aug 2023 17:16

Tgt Ion:152 Resp: 110330

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 157.3 0.0 348.8

