

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122722\
 Data File : VY012015.D
 Acq On : 27 Dec 2022 14:12
 Operator : KP/MD
 Sample : N6190-01RE
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-1RE

Quant Time: Dec 28 00:38:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	2301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2720	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1628	158.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	316.840%#
35) Dibromofluoromethane	7.710	113	474	34.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.440%
50) Toluene-d8	10.185	98	3007	53.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.000%
62) 4-Bromofluorobenzene	12.483	95	1113	58.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.760%

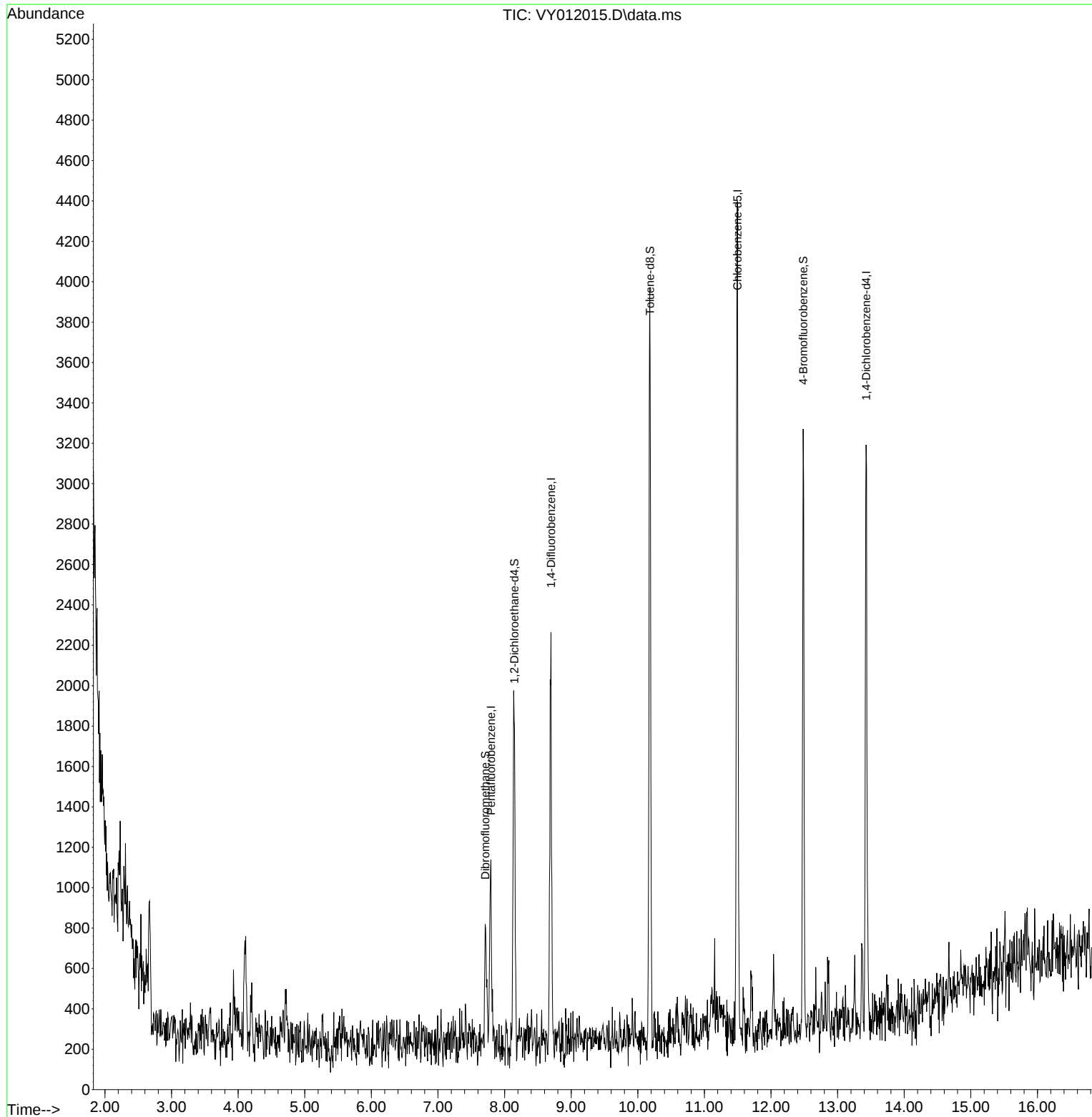
Target Compounds	Qvalue

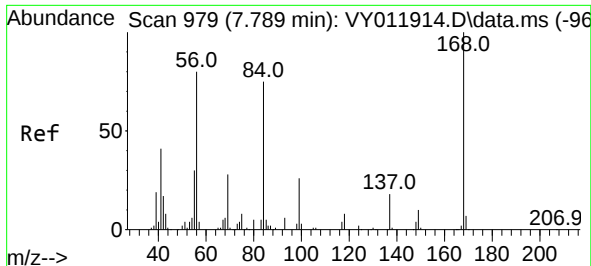
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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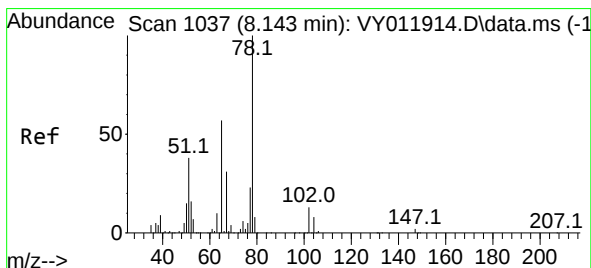
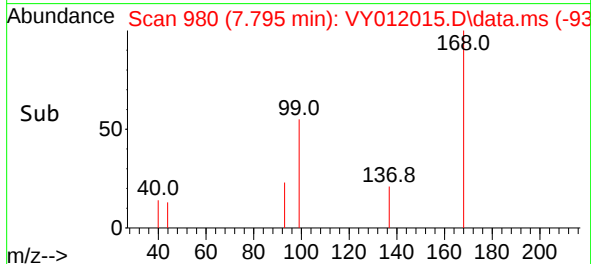
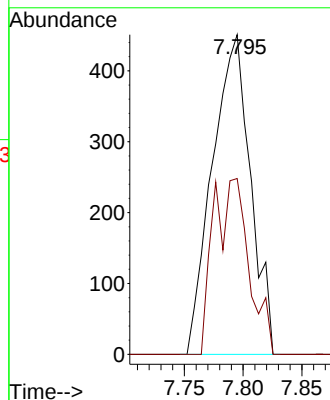
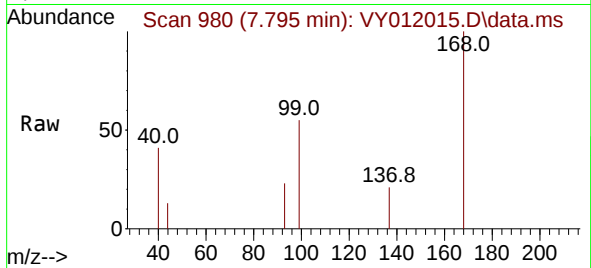




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012015.D
Acq: 27 Dec 2022 14:12

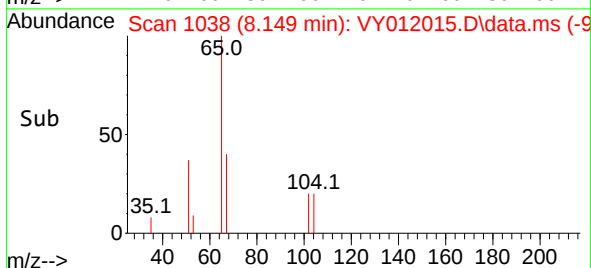
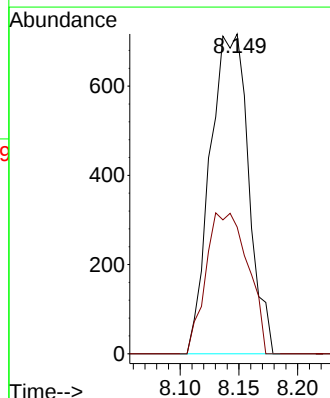
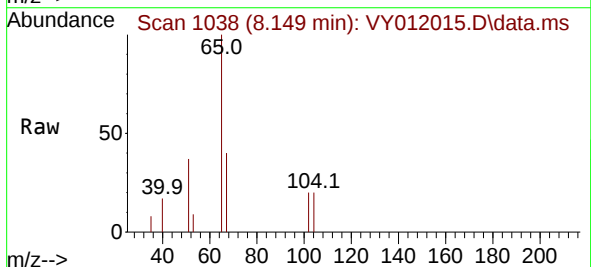
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1RE

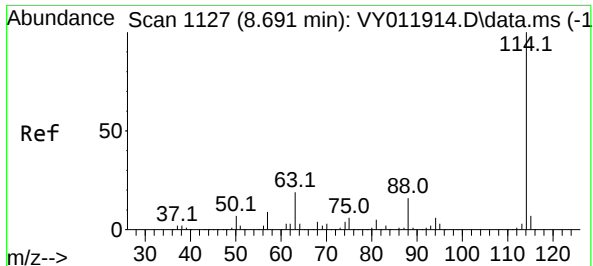
Tgt Ion:168 Resp: 1020
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 158.423 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012015.D
Acq: 27 Dec 2022 14:12

Tgt Ion: 65 Resp: 1628
Ion Ratio Lower Upper
65 100
67 48.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY012015.D

Acq: 27 Dec 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOCATION-1RE

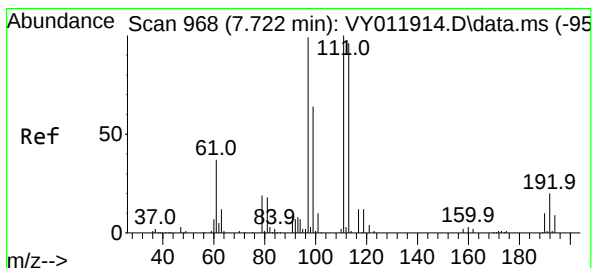
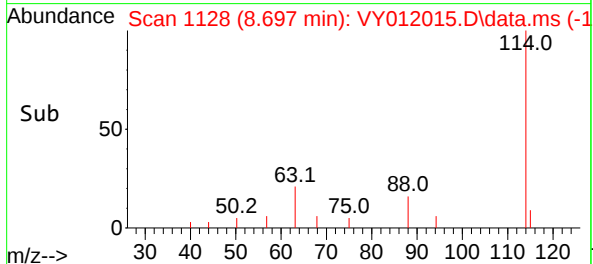
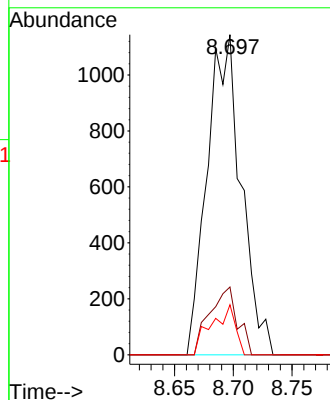
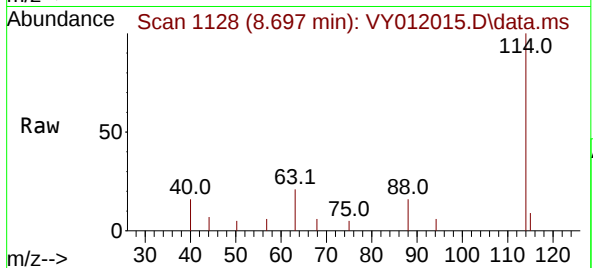
Tgt Ion:114 Resp: 2301

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 34.217 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012015.D

Acq: 27 Dec 2022 14:12

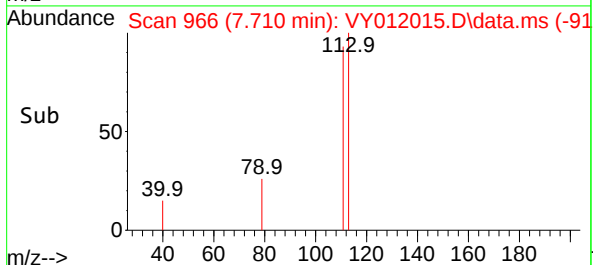
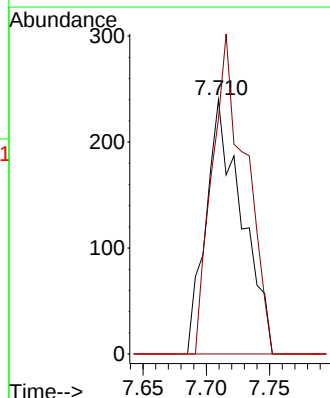
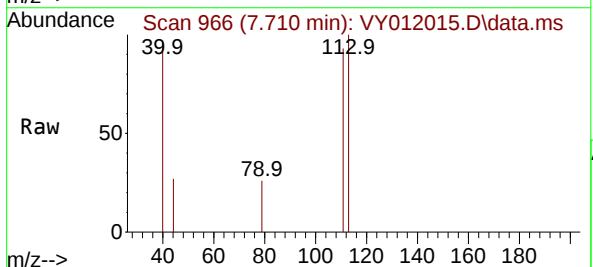
Tgt Ion:113 Resp: 474

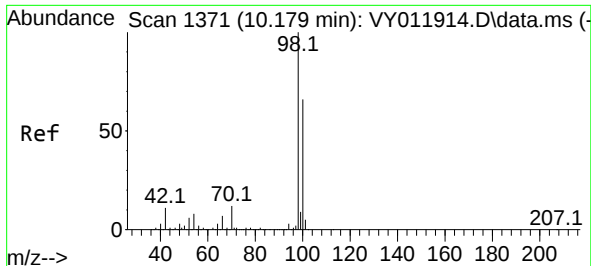
Ion Ratio Lower Upper

113 100

111 117.9 83.0 124.4

192 0.0 16.0 24.0#





#50

Toluene-d8

Concen: 53.502 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012015.D

Acq: 27 Dec 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

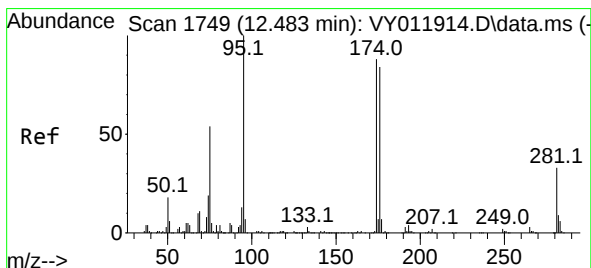
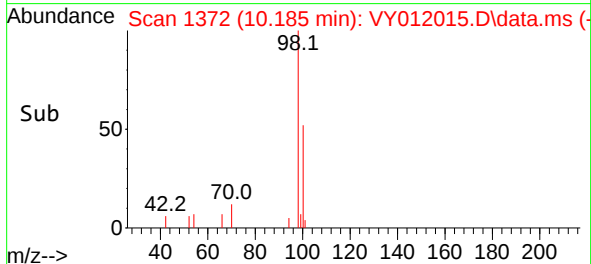
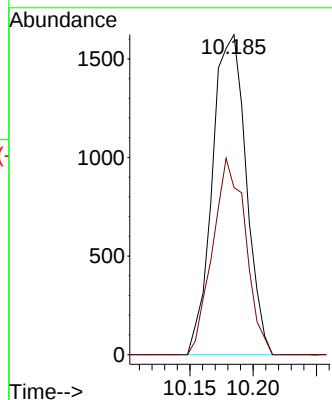
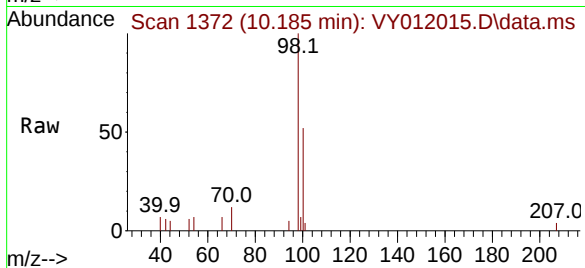
LOCATION-1RE

Tgt Ion: 98 Resp: 3007

Ion Ratio Lower Upper

98 100

100 59.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 58.881 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012015.D

Acq: 27 Dec 2022 14:12

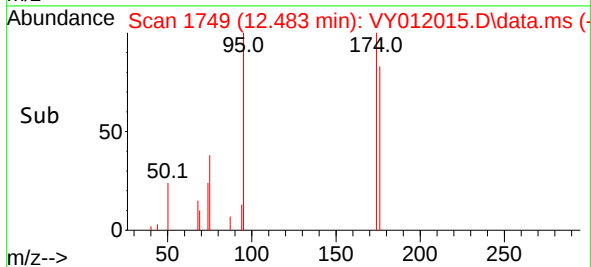
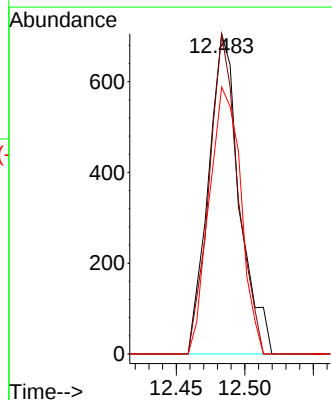
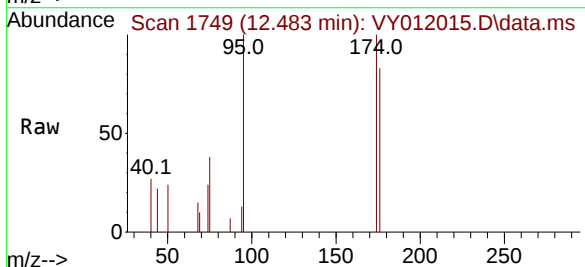
Tgt Ion: 95 Resp: 1113

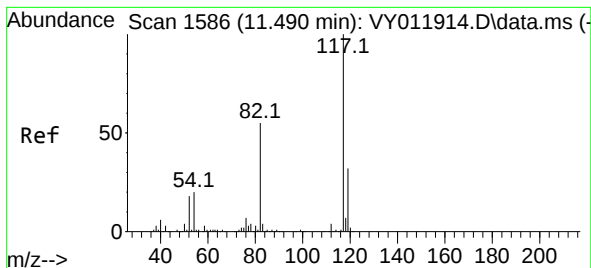
Ion Ratio Lower Upper

95 100

174 92.5 0.0 172.0

176 84.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012015.D

Acq: 27 Dec 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOCATION-1RE

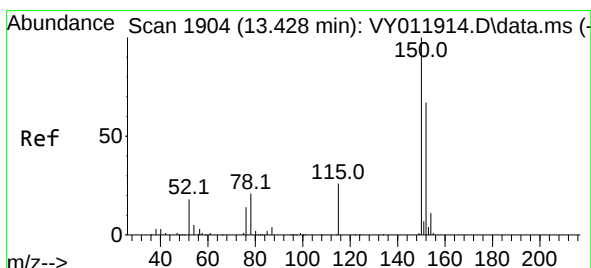
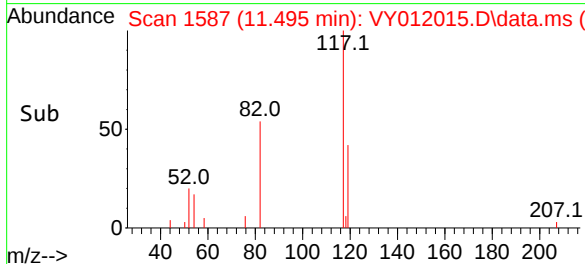
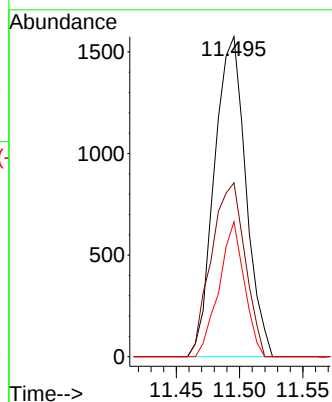
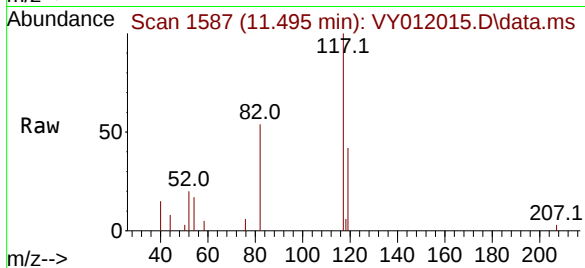
Tgt Ion:117 Resp: 2720

Ion Ratio Lower Upper

117 100

82 54.3 44.8 67.2

119 42.2 25.4 38.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012015.D

Acq: 27 Dec 2022 14:12

Tgt Ion:152 Resp: 991

Ion Ratio Lower Upper

152 100

115 60.0 29.1 87.3

150 164.9 0.0 342.6

