

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010091.D
 Acq On : 18 Aug 2022 18:23
 Operator : KP/MD
 Sample : N4228-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-081622

Quant Time: Aug 18 19:10:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3435	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	6795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2243	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3909	113.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	227.620%#
35) Dibromofluoromethane	7.710	113	2852	64.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.440%
50) Toluene-d8	10.179	98	8058	49.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	1992	34.787	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.580%

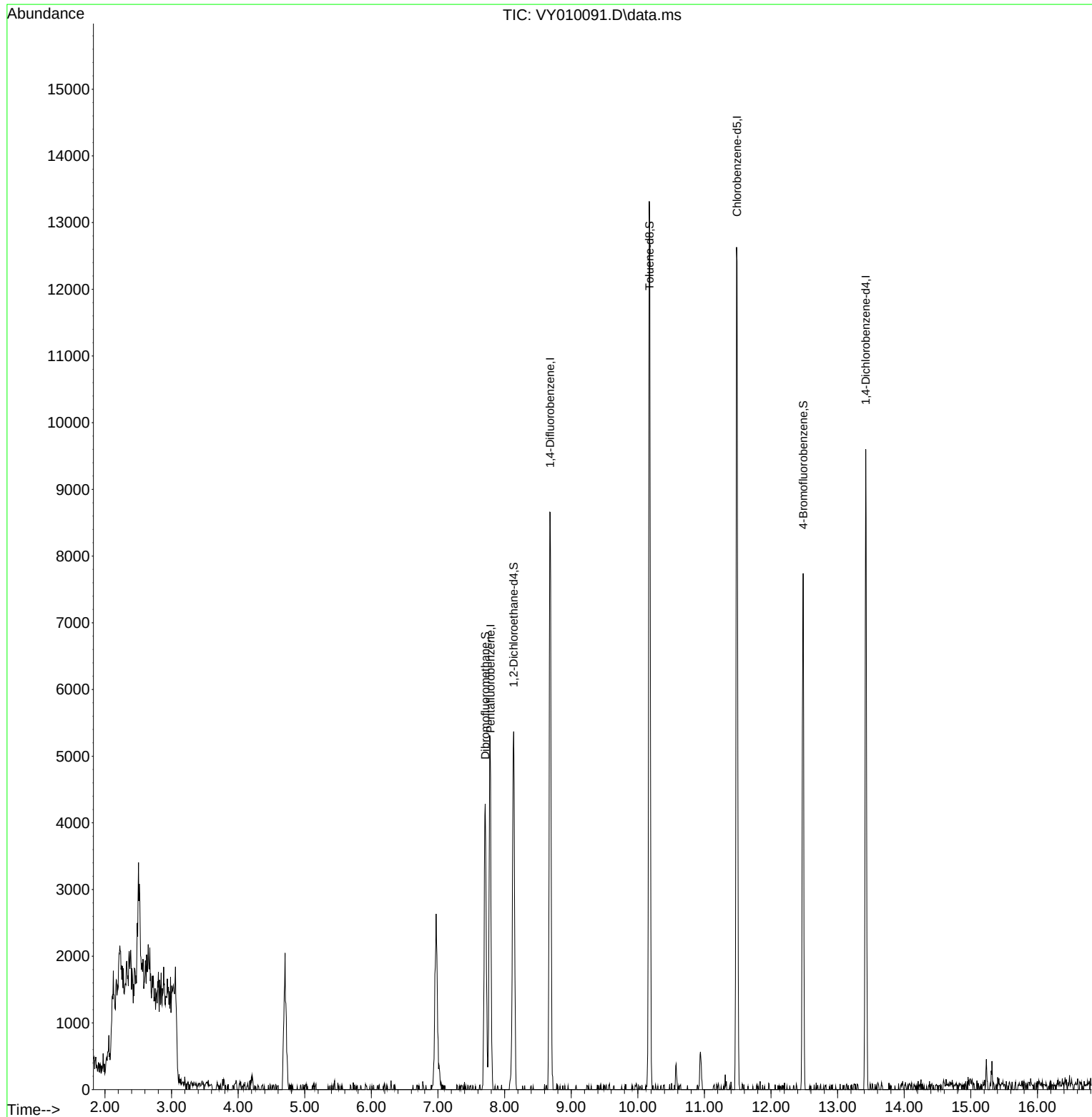
Target Compounds	Qvalue

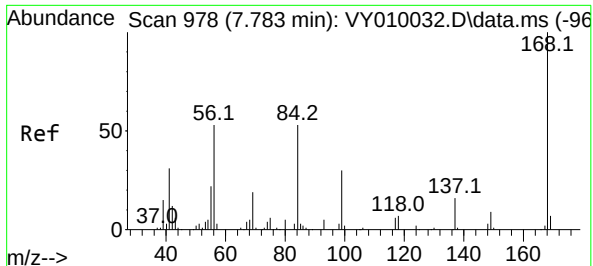
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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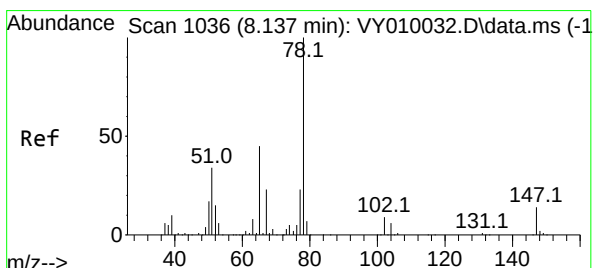
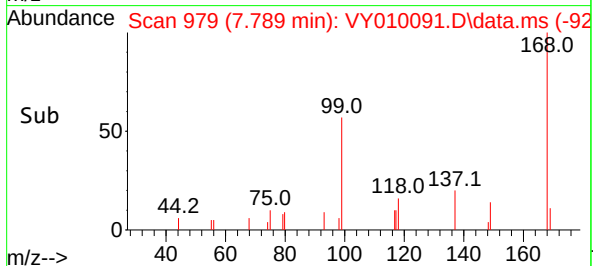
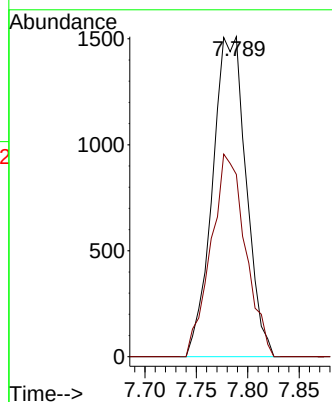
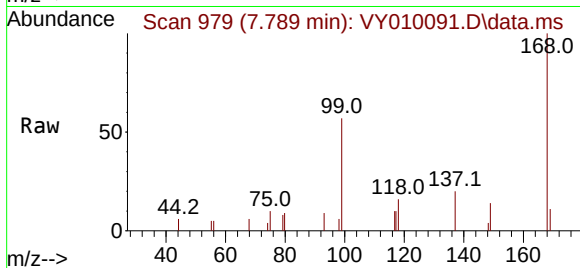




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010091.D
Acq: 18 Aug 2022 18:23

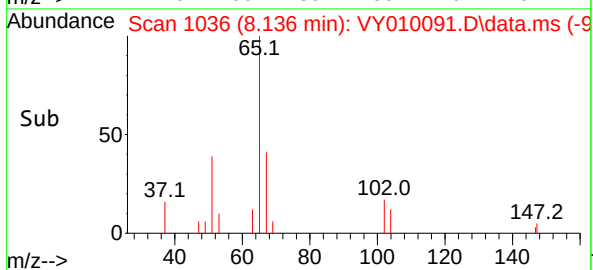
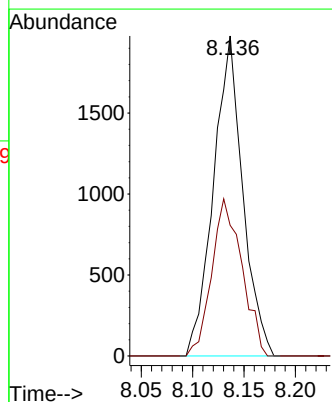
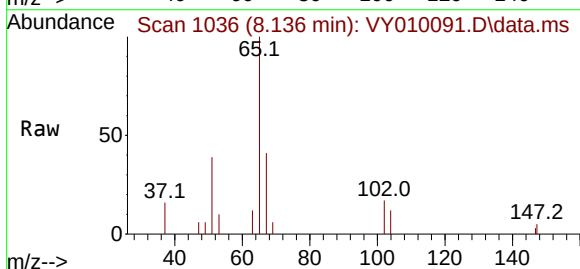
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622

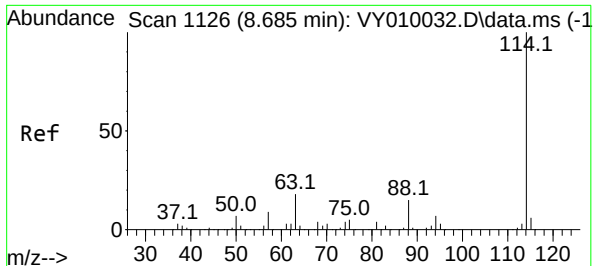
Tgt Ion:168 Resp: 3435
Ion Ratio Lower Upper
168 100
99 57.0 37.7 56.5#



#33
1,2-Dichloroethane-d4
Concen: 113.814 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010091.D
Acq: 18 Aug 2022 18:23

Tgt Ion: 65 Resp: 3909
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010091.D

Acq: 18 Aug 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-081622

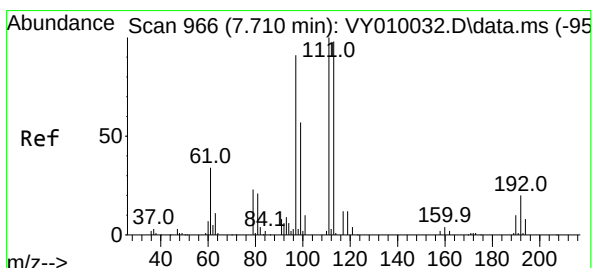
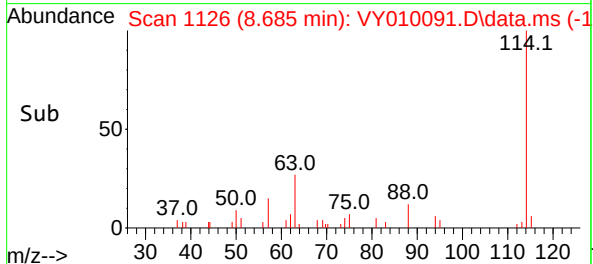
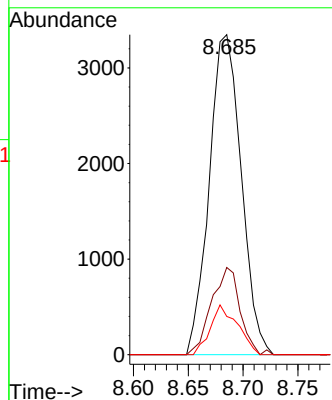
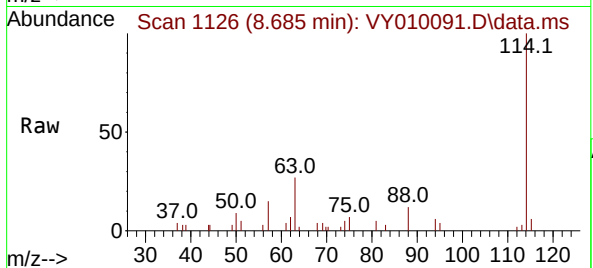
Tgt Ion:114 Resp: 6795

Ion Ratio Lower Upper

114 100

63 27.2 0.0 35.2

88 12.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 64.722 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010091.D

Acq: 18 Aug 2022 18:23

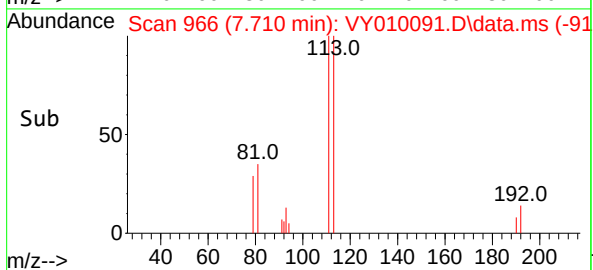
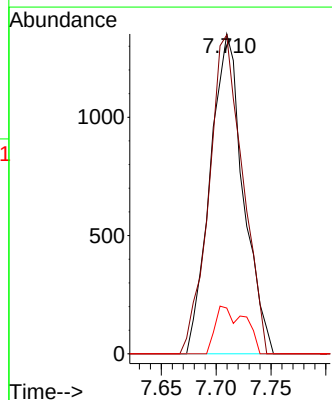
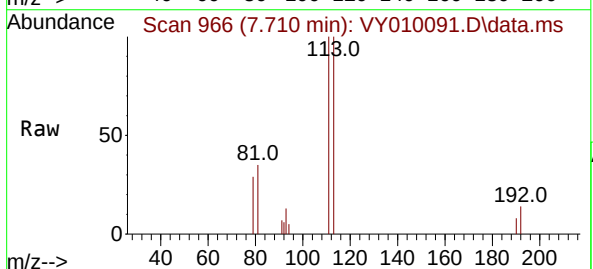
Tgt Ion:113 Resp: 2852

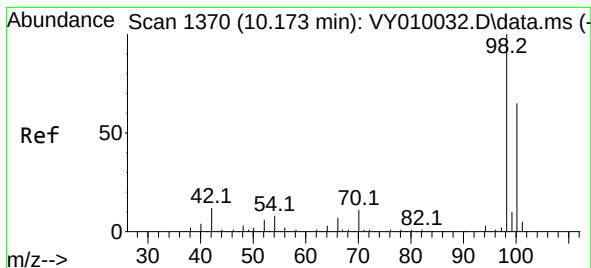
Ion Ratio Lower Upper

113 100

111 101.5 82.7 124.1

192 13.2 17.2 25.8#





#50

Toluene-d8

Concen: 49.426 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010091.D

Acq: 18 Aug 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

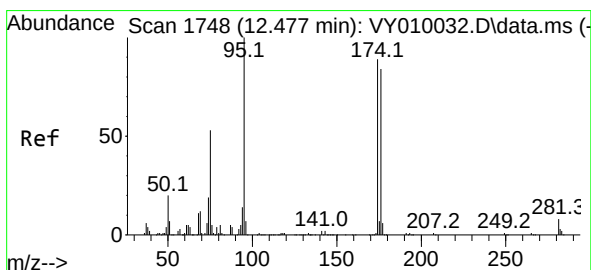
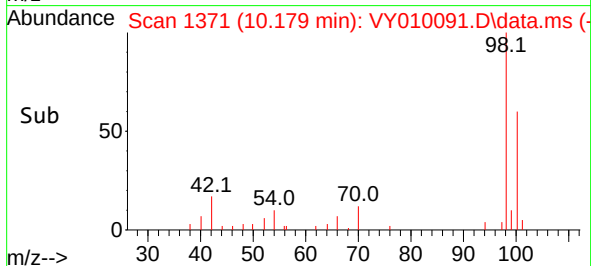
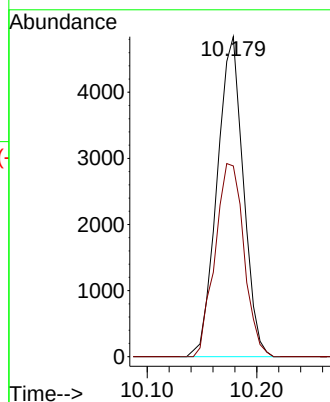
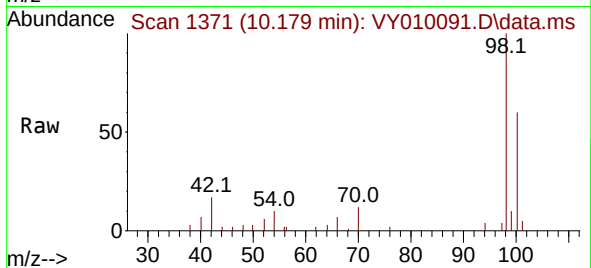
OK-03-081622

Tgt Ion: 98 Resp: 8058

Ion Ratio Lower Upper

98 100

100 66.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 34.787 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010091.D

Acq: 18 Aug 2022 18:23

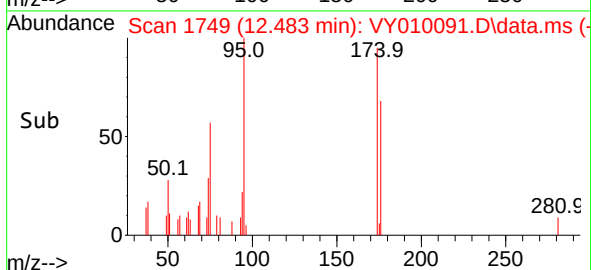
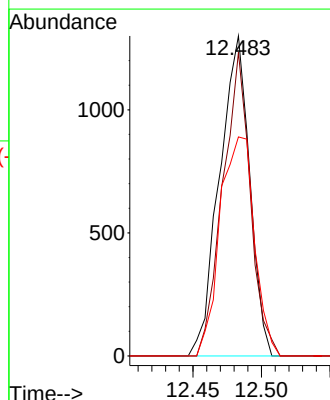
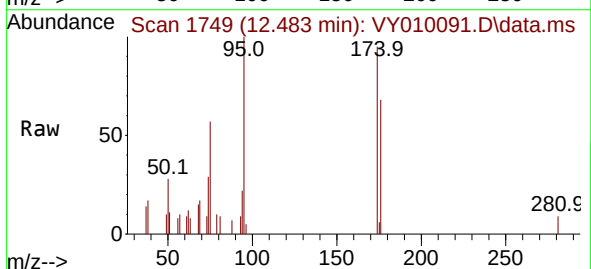
Tgt Ion: 95 Resp: 1992

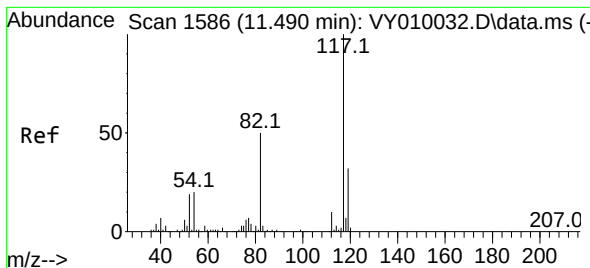
Ion Ratio Lower Upper

95 100

174 86.3 0.0 184.2

176 77.8 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010091.D

Acq: 18 Aug 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-081622

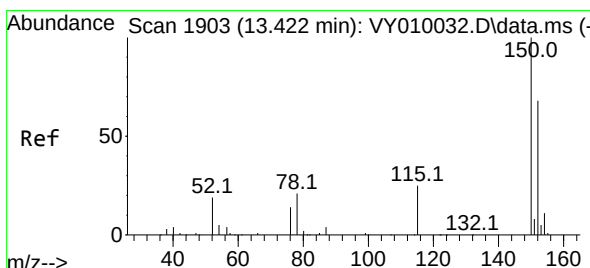
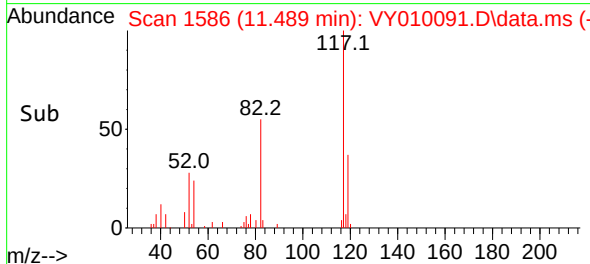
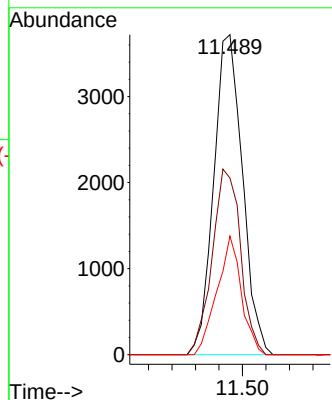
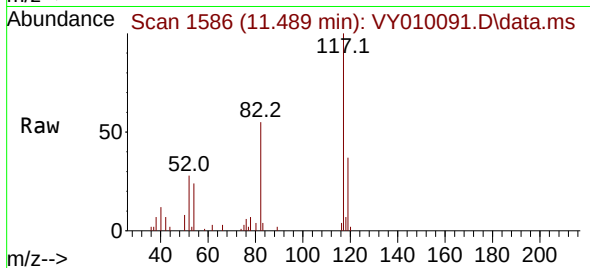
Tgt Ion:117 Resp: 6320

Ion Ratio Lower Upper

117 100

82 55.2 39.8 59.6

119 37.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010091.D

Acq: 18 Aug 2022 18:23

Tgt Ion:152 Resp: 2243

Ion Ratio Lower Upper

152 100

115 53.5 28.1 84.3

150 149.8 0.0 346.6

