

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010464.D
 Acq On : 13 Sep 2022 17:19
 Operator : KP/MD
 Sample : N4509-05RE
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_116D-20220902RE

Quant Time: Sep 14 05:25:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60259	29.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	59.720%
35) Dibromofluoromethane	7.710	113	54008	24.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.840%#
50) Toluene-d8	10.173	98	350519	49.895	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.477	95	82332	26.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	53.400%

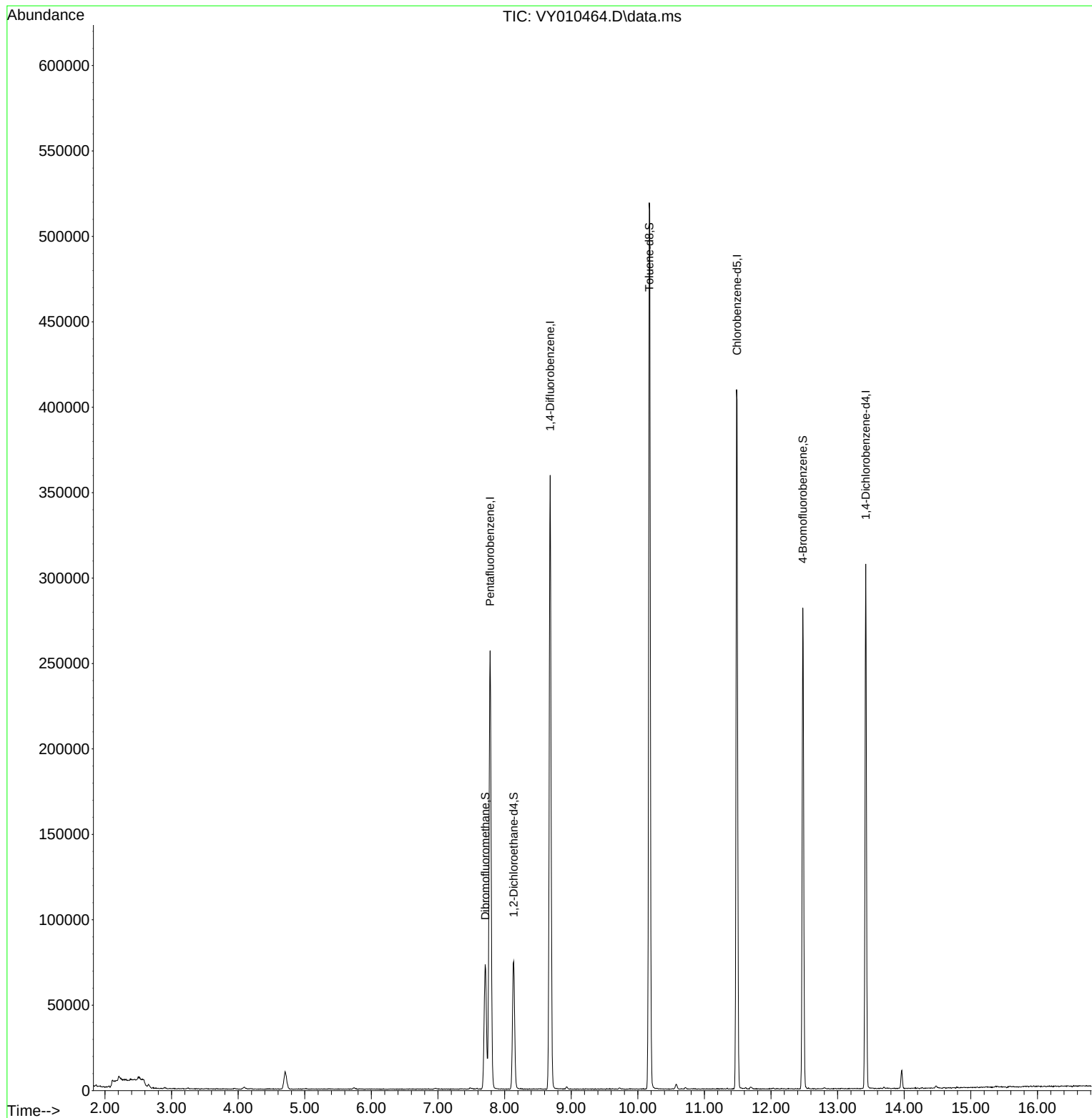
Target Compounds	Qvalue

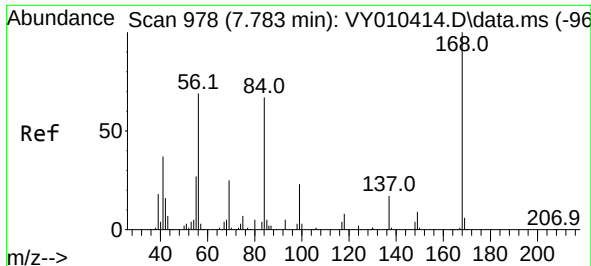
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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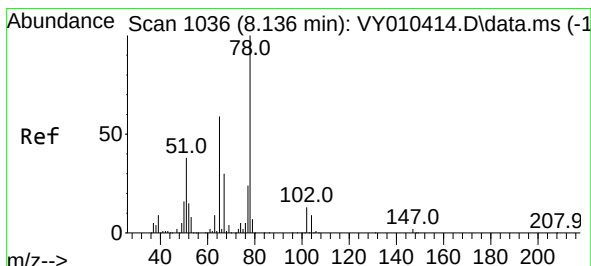
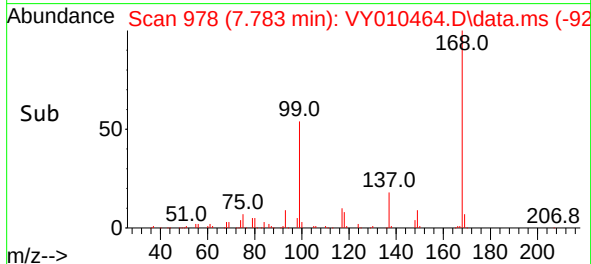
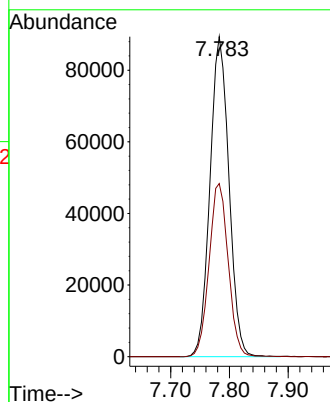
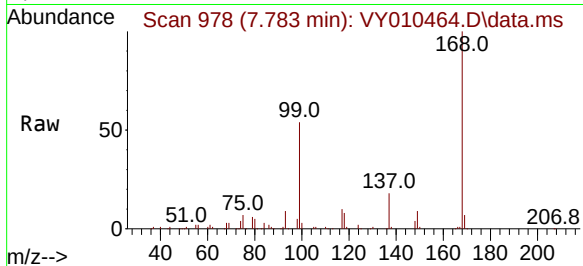




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

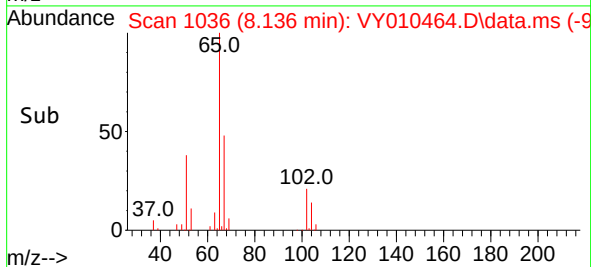
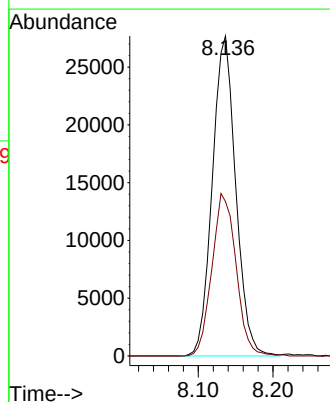
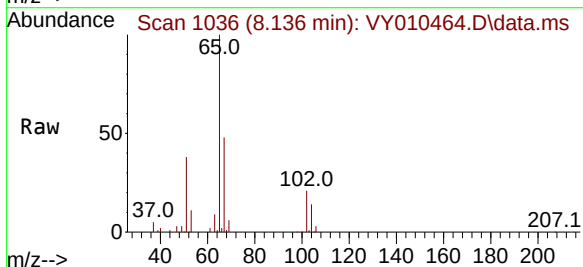
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_116D-20220902RE

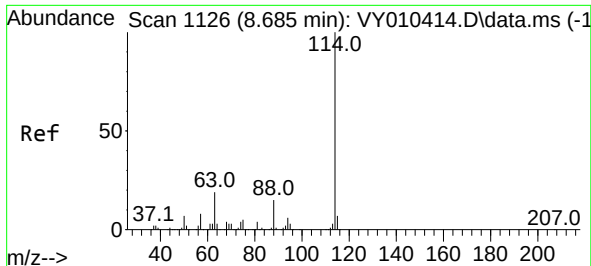
Tgt Ion:168 Resp: 200349
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 29.863 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Tgt Ion: 65 Resp: 60259
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010464.D

Acq: 13 Sep 2022 17:19

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_116D-20220902RE

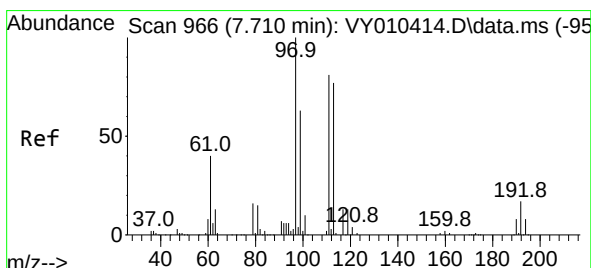
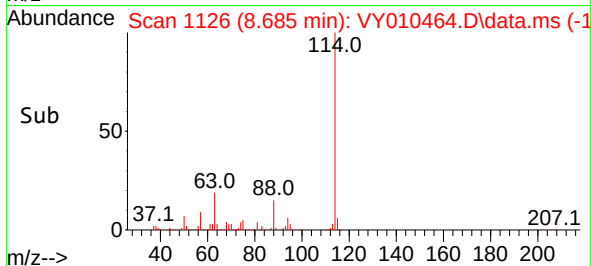
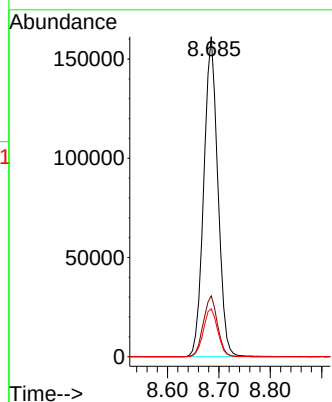
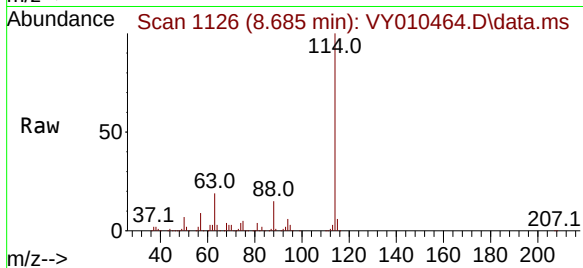
Tgt Ion:114 Resp: 305210

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 24.916 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010464.D

Acq: 13 Sep 2022 17:19

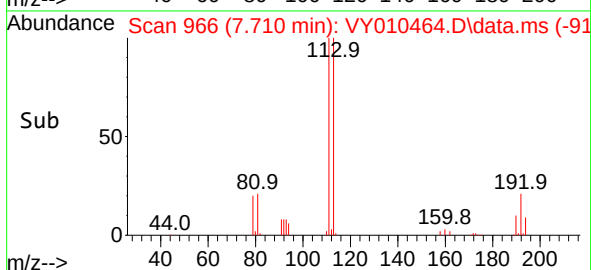
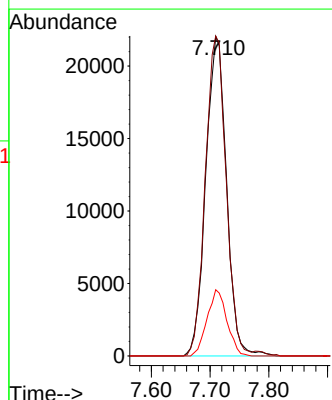
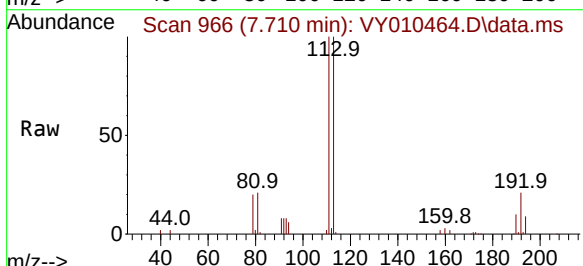
Tgt Ion:113 Resp: 54008

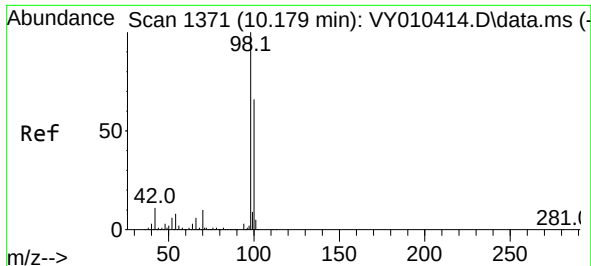
Ion Ratio Lower Upper

113 100

111 100.3 82.6 124.0

192 19.9 17.6 26.4

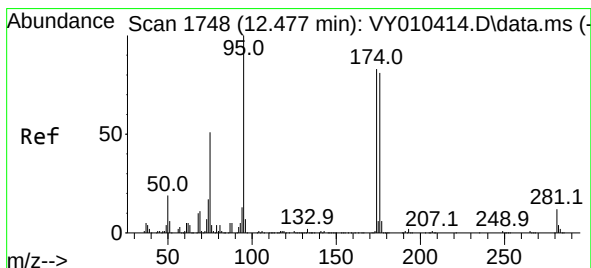
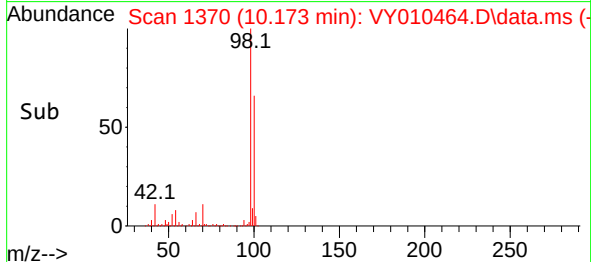
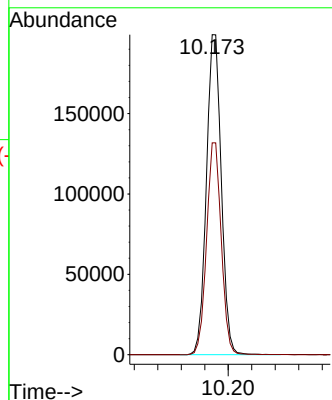
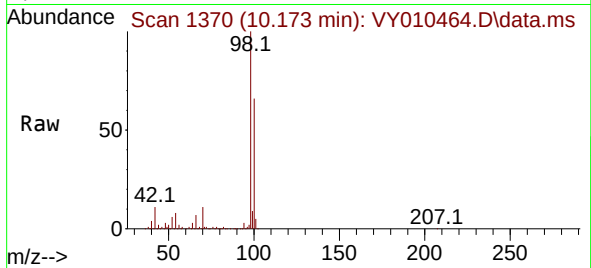




#50
Toluene-d8
Concen: 49.895 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

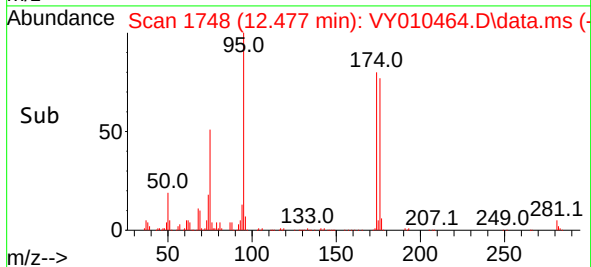
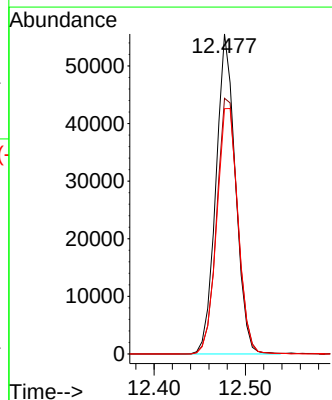
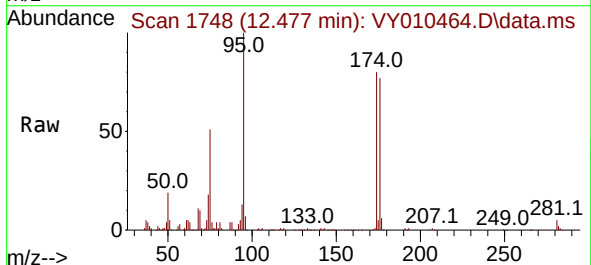
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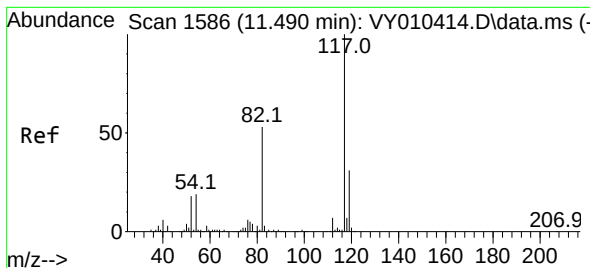
Tgt Ion: 98 Resp: 350519
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.698 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010464.D
Acq: 13 Sep 2022 17:19

Tgt Ion: 95 Resp: 82332
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 83.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010464.D

Acq: 13 Sep 2022 17:19

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_116D-20220902RE

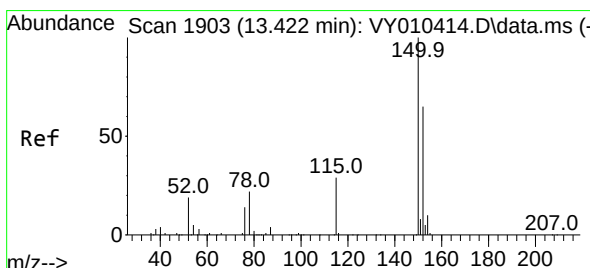
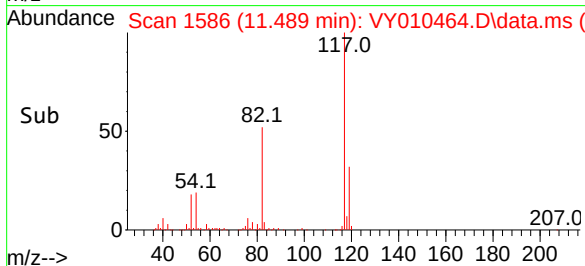
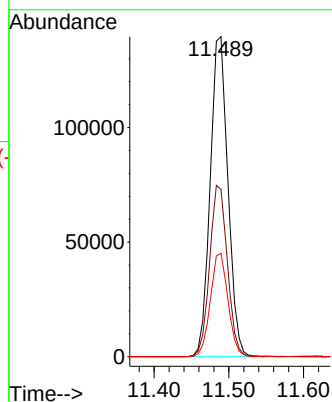
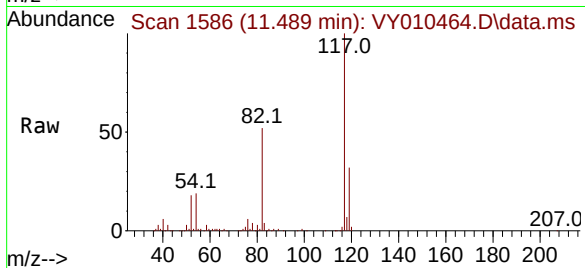
Tgt Ion:117 Resp: 230215

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010464.D

Acq: 13 Sep 2022 17:19

Tgt Ion:152 Resp: 78579

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.0 0.0 347.6

