

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009947.D
 Acq On : 10 Aug 2022 03:40
 Operator : KP/MD
 Sample : N4017-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB04

Quant Time: Aug 10 08:14:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	64629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27199	54.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.500%
35) Dibromofluoromethane	7.704	113	25945	35.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.400%
50) Toluene-d8	10.173	98	102300	45.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.340%
62) 4-Bromofluorobenzene	12.477	95	33904	32.941	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.880%

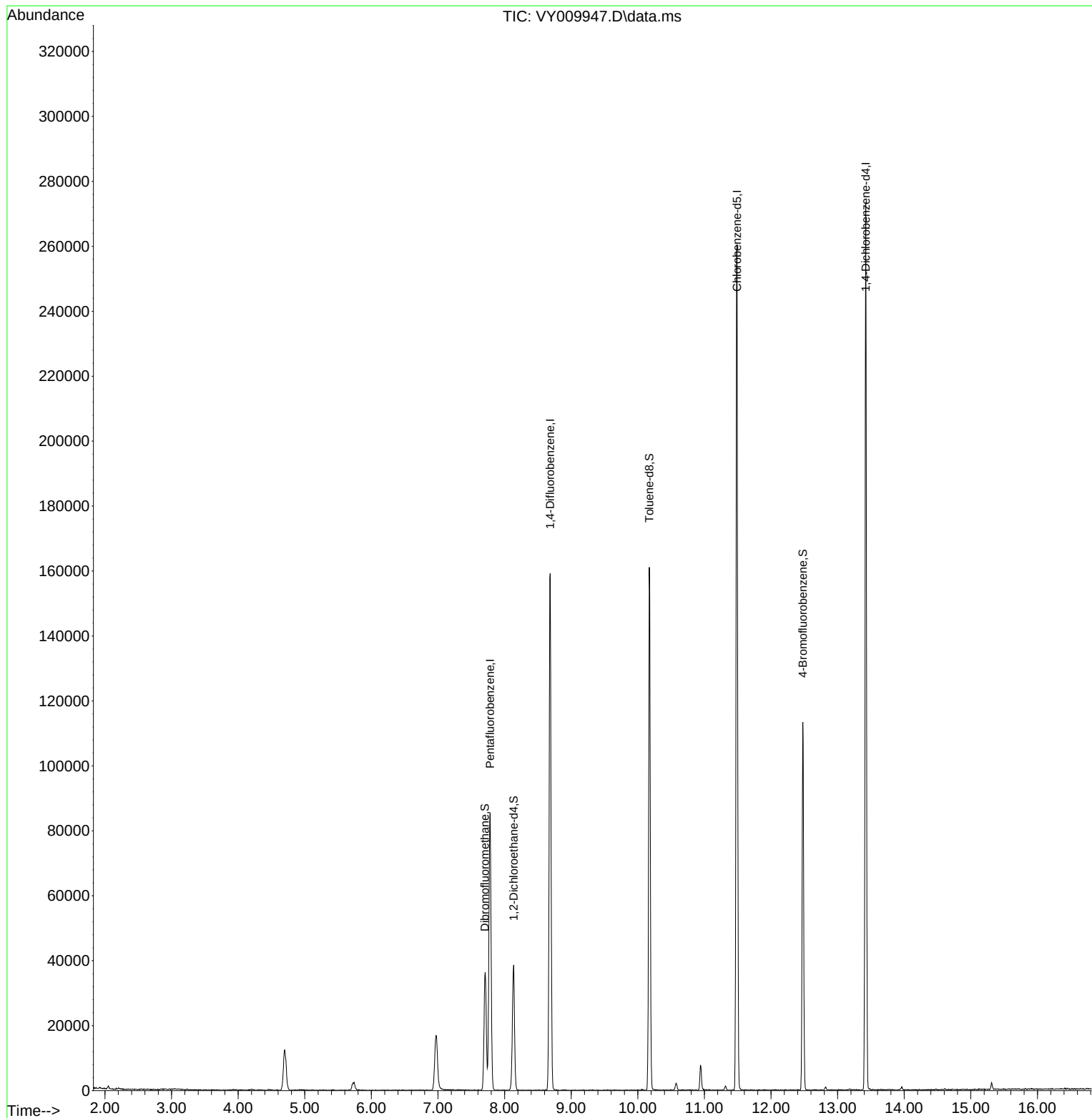
Target Compounds	Qvalue

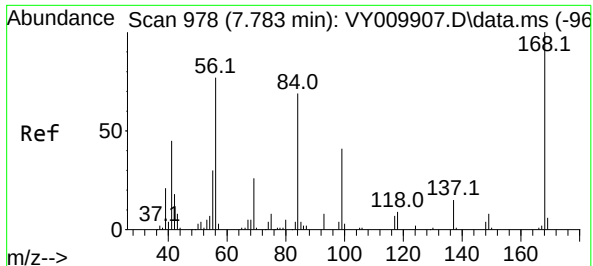
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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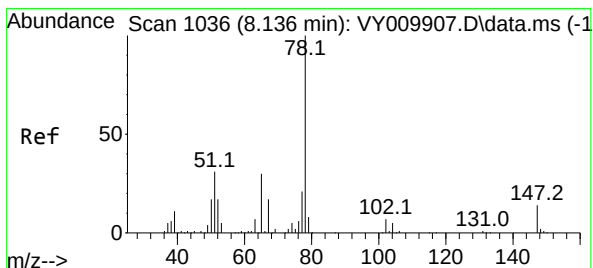
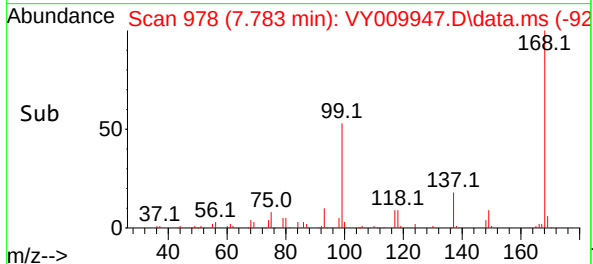
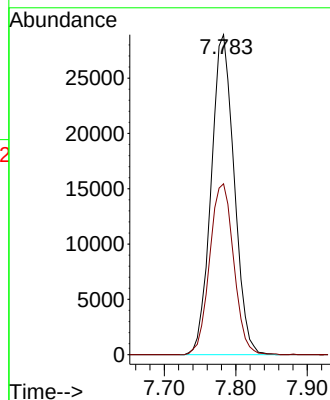
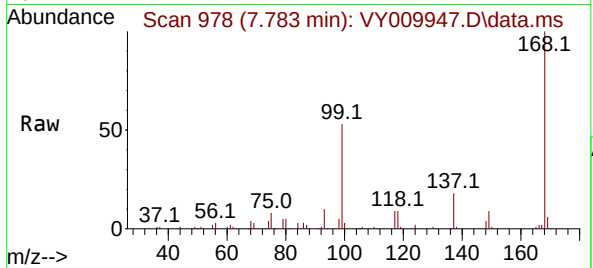




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

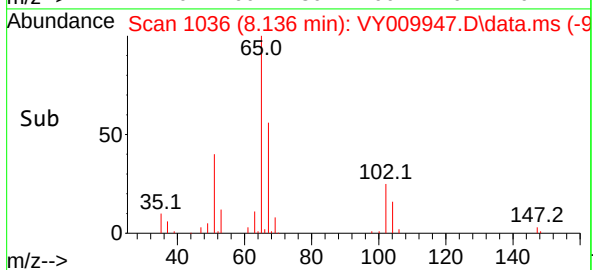
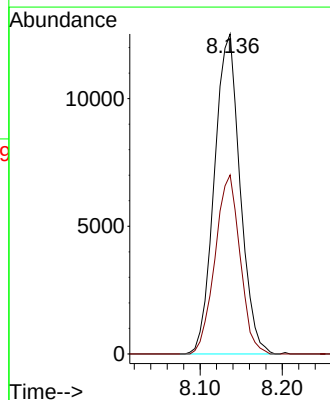
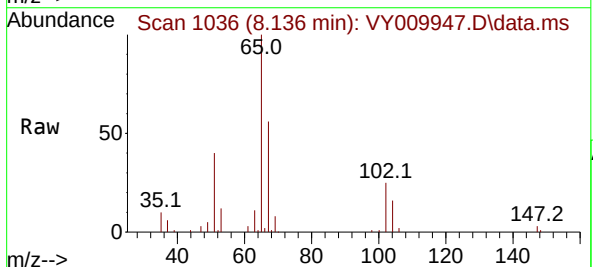
Instrument :
MSVOA_Y
ClientSampleId :
SB04

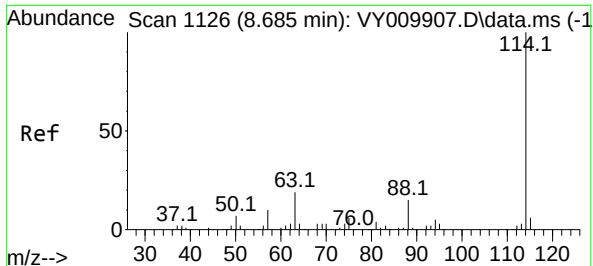
Tgt Ion:168 Resp: 64629
Ion Ratio Lower Upper
168 100
99 53.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 54.246 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

Tgt Ion: 65 Resp: 27199
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009947.D

Acq: 10 Aug 2022 03:40

Instrument :

MSVOA_Y

ClientSampleId :

SB04

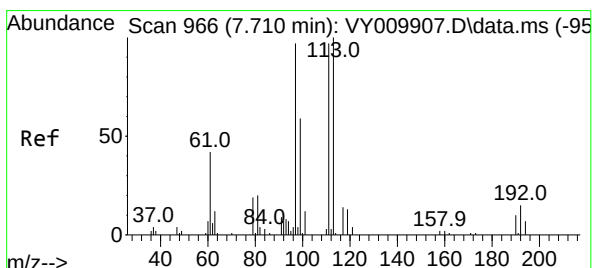
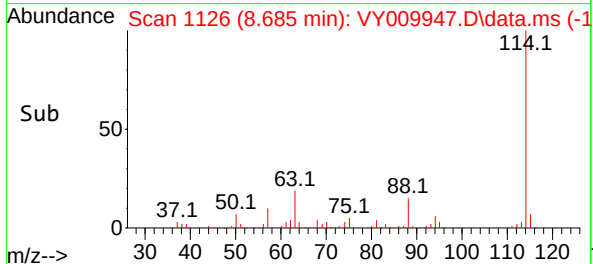
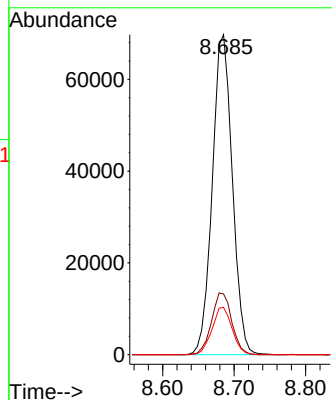
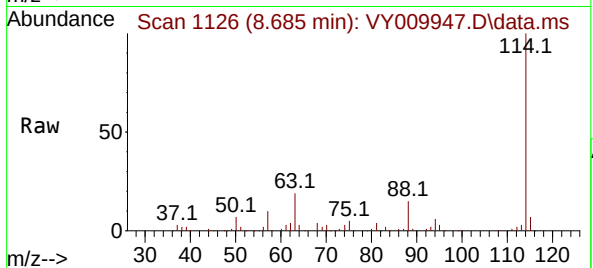
Tgt Ion:114 Resp: 135789

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 35.198 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.005 min

Lab File: VY009947.D

Acq: 10 Aug 2022 03:40

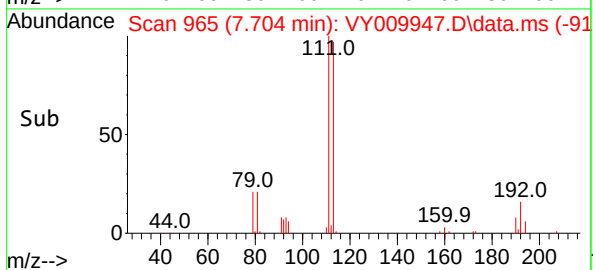
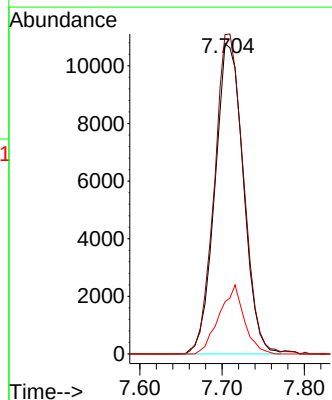
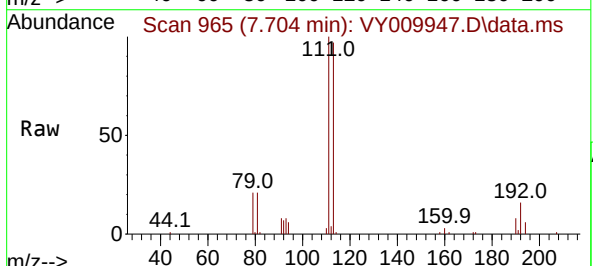
Tgt Ion:113 Resp: 25945

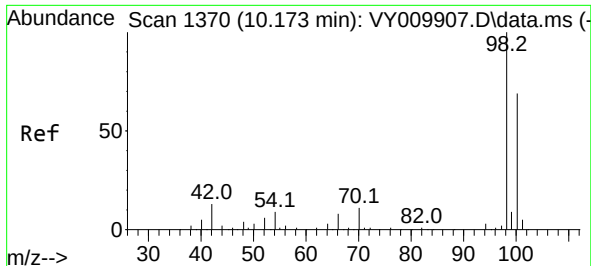
Ion Ratio Lower Upper

113 100

111 104.9 80.6 120.8

192 19.4 16.2 24.4

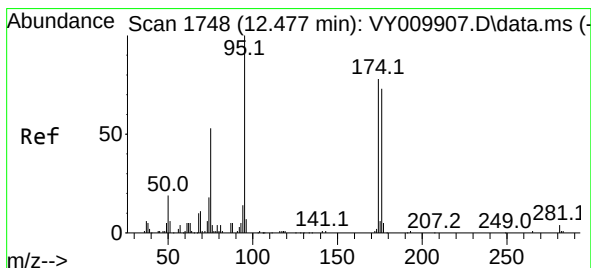
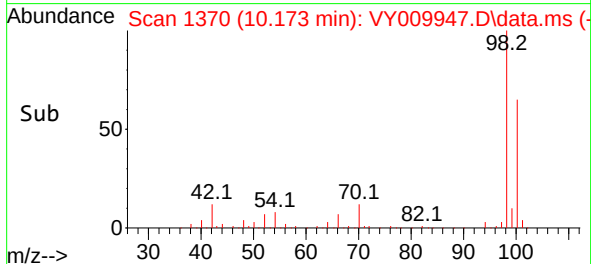
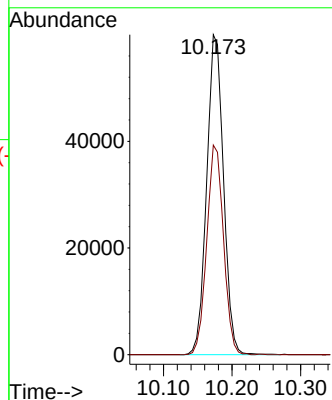
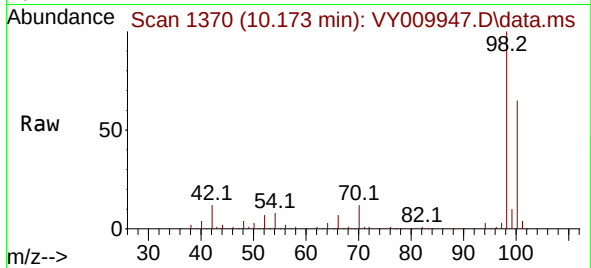




#50
Toluene-d8
Concen: 45.165 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

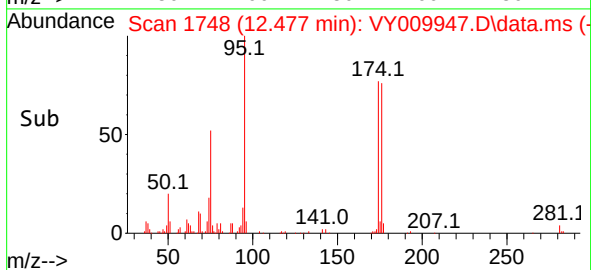
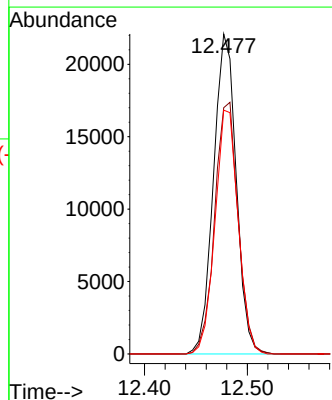
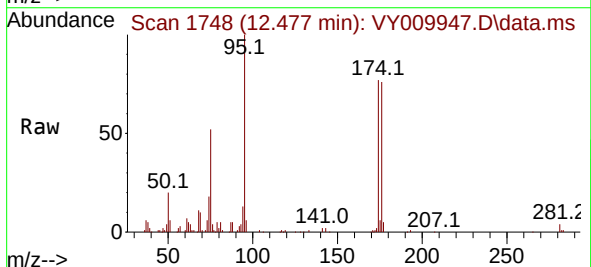
Instrument :
MSVOA_Y
ClientSampleId :
SB04

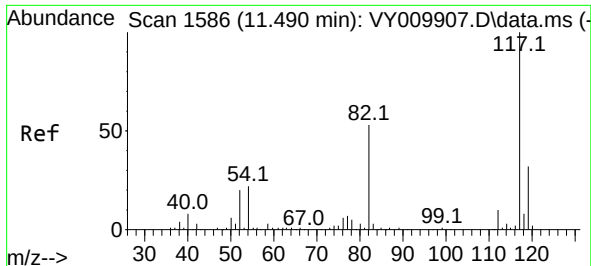
Tgt Ion: 98 Resp: 102300
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 32.941 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

Tgt Ion: 95 Resp: 33904
Ion Ratio Lower Upper
95 100
174 81.0 0.0 173.8
176 77.7 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009947.D

Acq: 10 Aug 2022 03:40

Instrument :

MSVOA_Y

ClientSampleId :

SB04

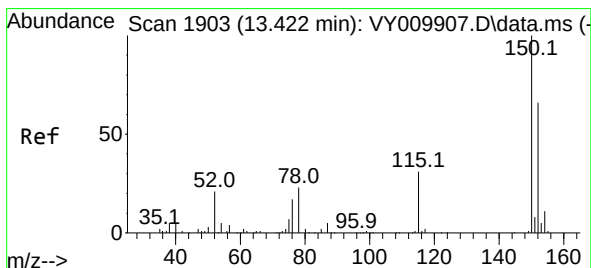
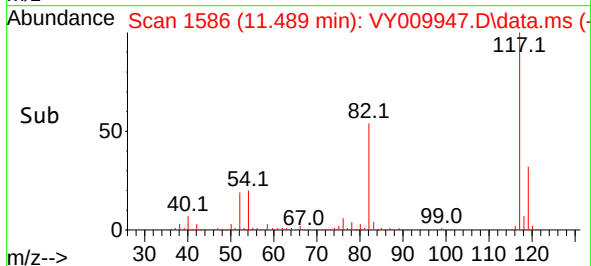
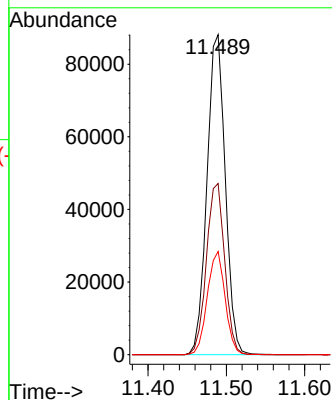
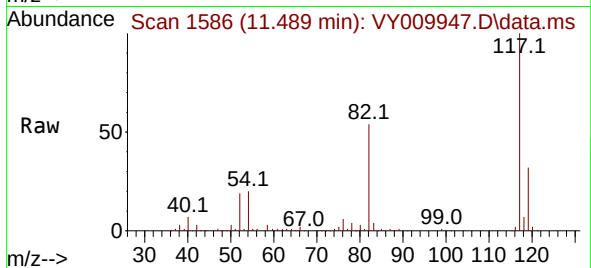
Tgt Ion:117 Resp: 142774

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.6

119 32.3 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: VY009947.D

Acq: 10 Aug 2022 03:40

Tgt Ion:152 Resp: 64897

Ion Ratio Lower Upper

152 100

115 57.4 28.6 85.9

150 156.2 0.0 349.8

