

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009326.D
 Acq On : 25 Jun 2022 16:08
 Operator : KP/MD
 Sample : N3488-06
 Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-0-2-20220623

Quant Time: Jun 27 10:30:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	84129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	131120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51126	83.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.600%#
35) Dibromofluoromethane	7.716	113	44513	57.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.480%
50) Toluene-d8	10.179	98	168321	77.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	155.740%#
62) 4-Bromofluorobenzene	12.477	95	54079	48.832	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.660%

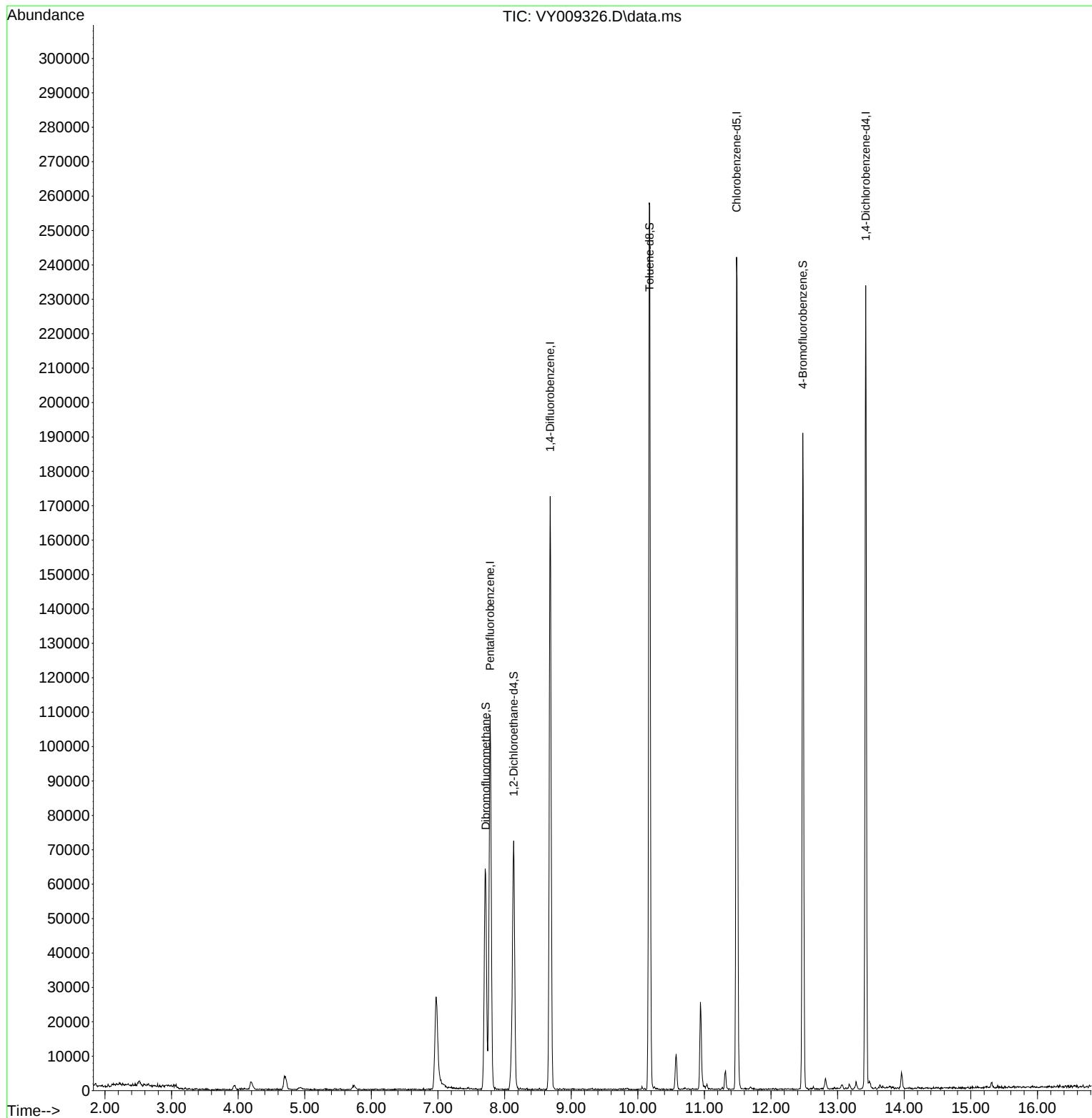
Target Compounds	Qvalue

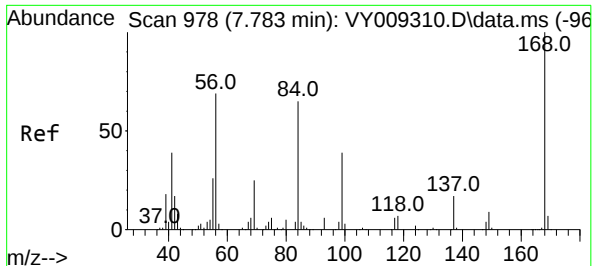
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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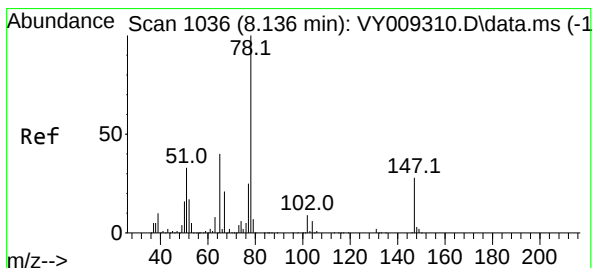
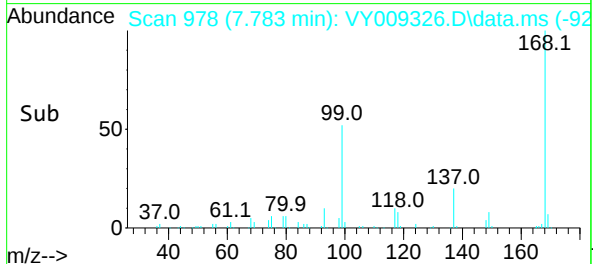
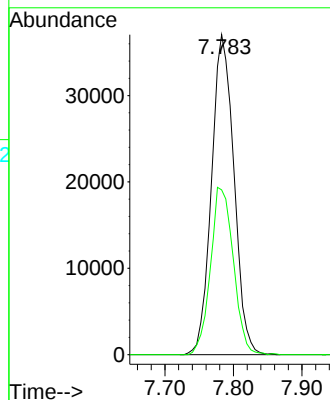
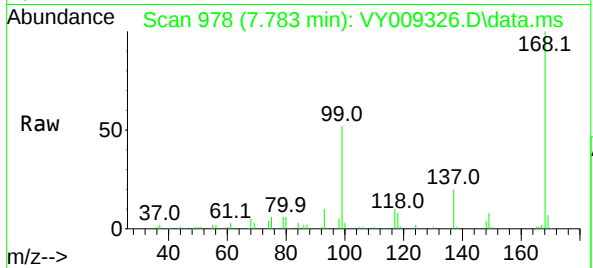




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

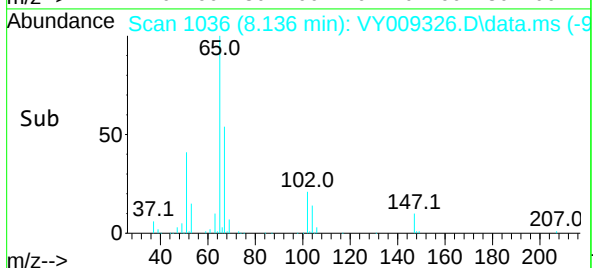
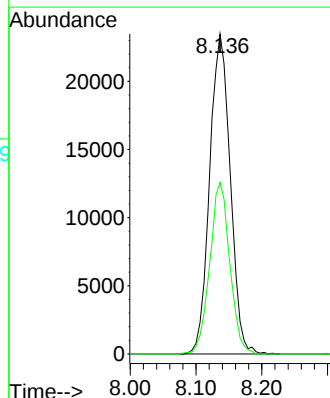
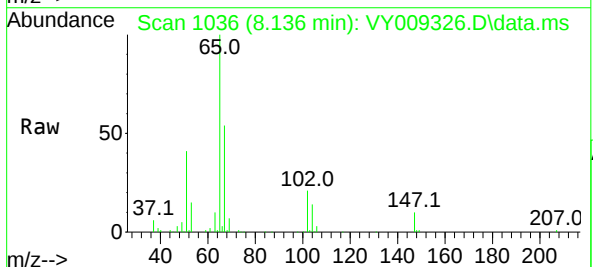
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-0-2-20220623

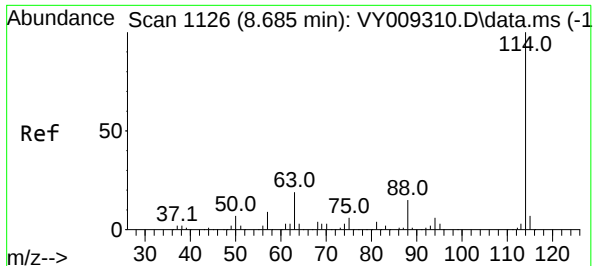
Tgt Ion:168 Resp: 84129
Ion Ratio Lower Upper
168 100
99 51.5 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 83.799 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion: 65 Resp: 51126
Ion Ratio Lower Upper
65 100
67 52.1 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: VY009326.D

Acq: 25 Jun 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-0-2-20220623

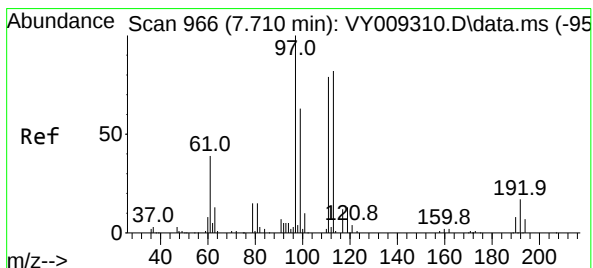
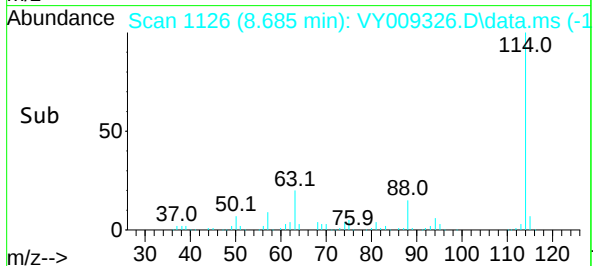
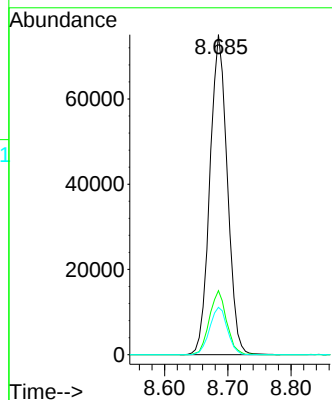
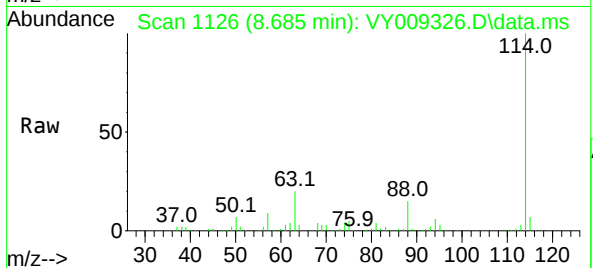
Tgt Ion:114 Resp: 144063

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 57.245 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009326.D

Acq: 25 Jun 2022 16:08

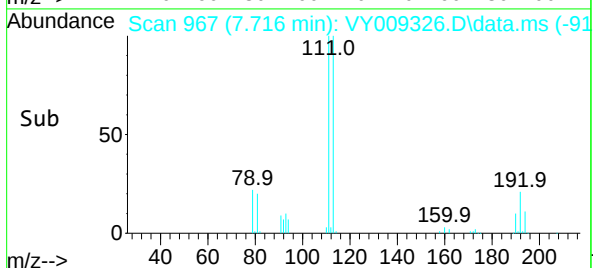
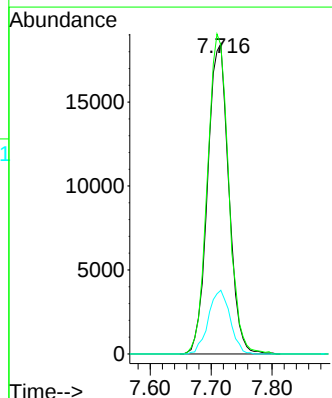
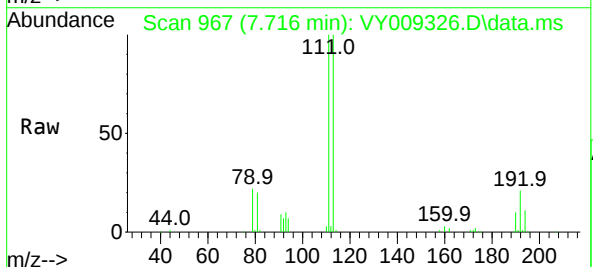
Tgt Ion:113 Resp: 44513

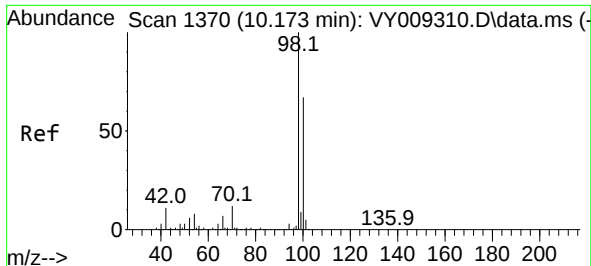
Ion Ratio Lower Upper

113 100

111 103.6 80.6 120.8

192 21.1 16.2 24.4

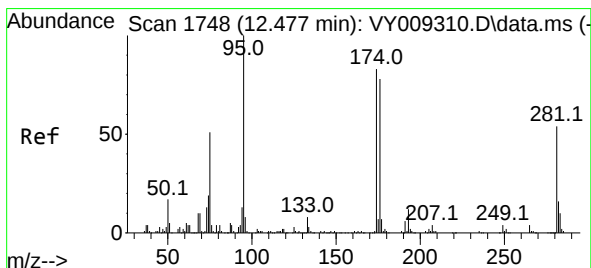
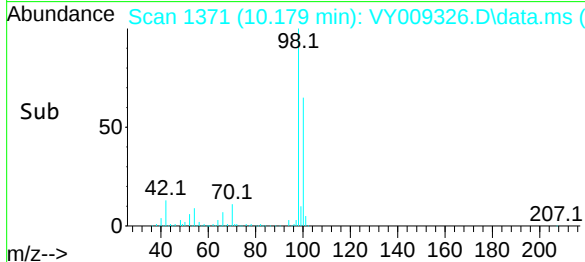
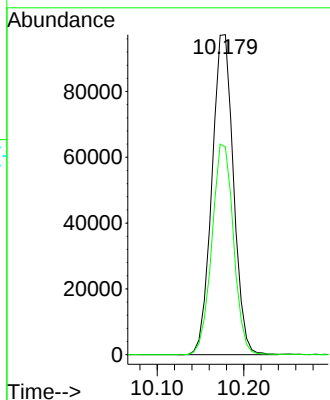
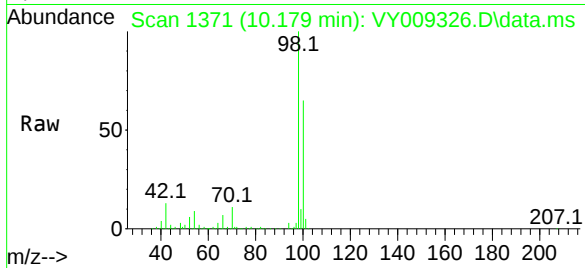




#50
Toluene-d8
Concen: 77.872 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

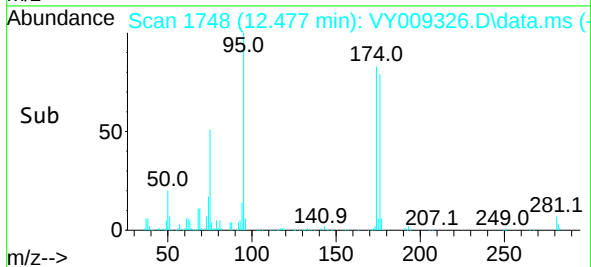
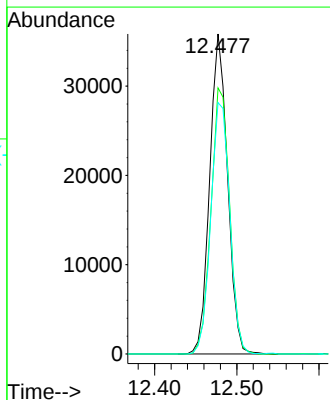
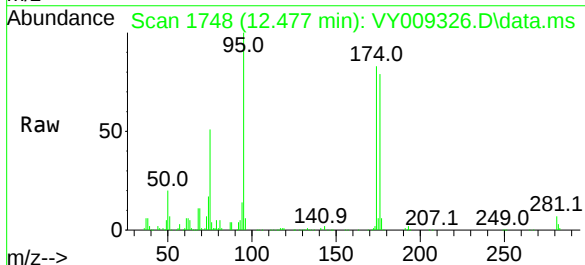
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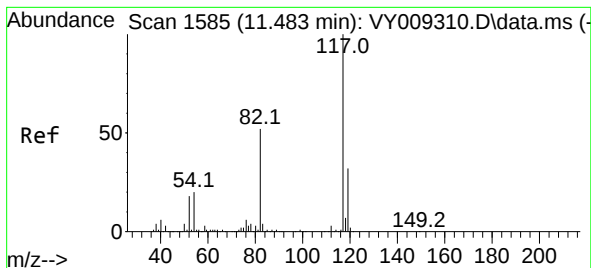
Tgt Ion: 98 Resp: 168321
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.832 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009326.D
Acq: 25 Jun 2022 16:08

Tgt Ion: 95 Resp: 54079
Ion Ratio Lower Upper
95 100
174 86.5 0.0 173.8
176 83.5 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009326.D

Acq: 25 Jun 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-0-2-20220623

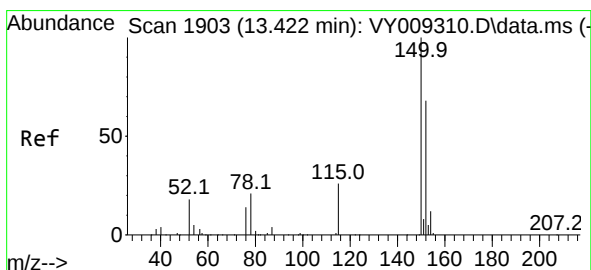
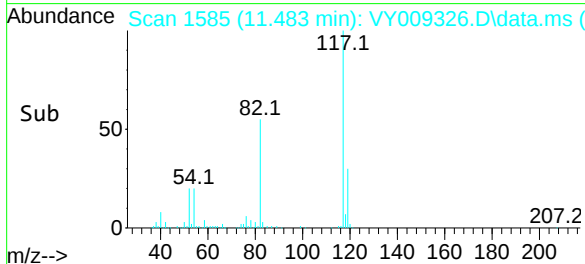
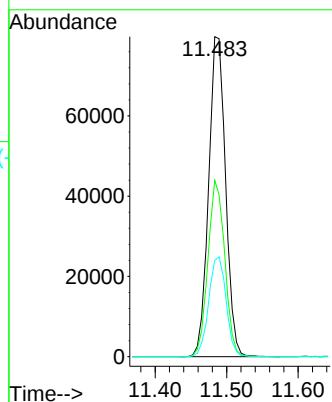
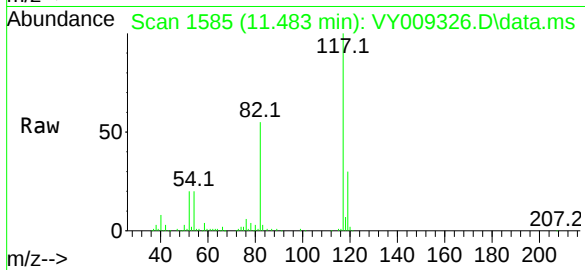
Tgt Ion:117 Resp: 131120

Ion Ratio Lower Upper

117 100

82 55.1 41.8 62.6

119 30.2 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: VY009326.D

Acq: 25 Jun 2022 16:08

Tgt Ion:152 Resp: 57530

Ion Ratio Lower Upper

152 100

115 57.8 28.6 85.9

150 158.1 0.0 349.8

