

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009323.D
 Acq On : 25 Jun 2022 14:58
 Operator : KP/MD
 Sample : N3488-03
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-22.5-24.5-20220623

Quant Time: Jun 27 10:28:46 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	176168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	302136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103401	80.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.520%	
35) Dibromofluoromethane	7.710	113	93927	57.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.200%	
50) Toluene-d8	10.173	98	364430	80.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 161.300%#	
62) 4-Bromofluorobenzene	12.477	95	121902	52.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.960%	

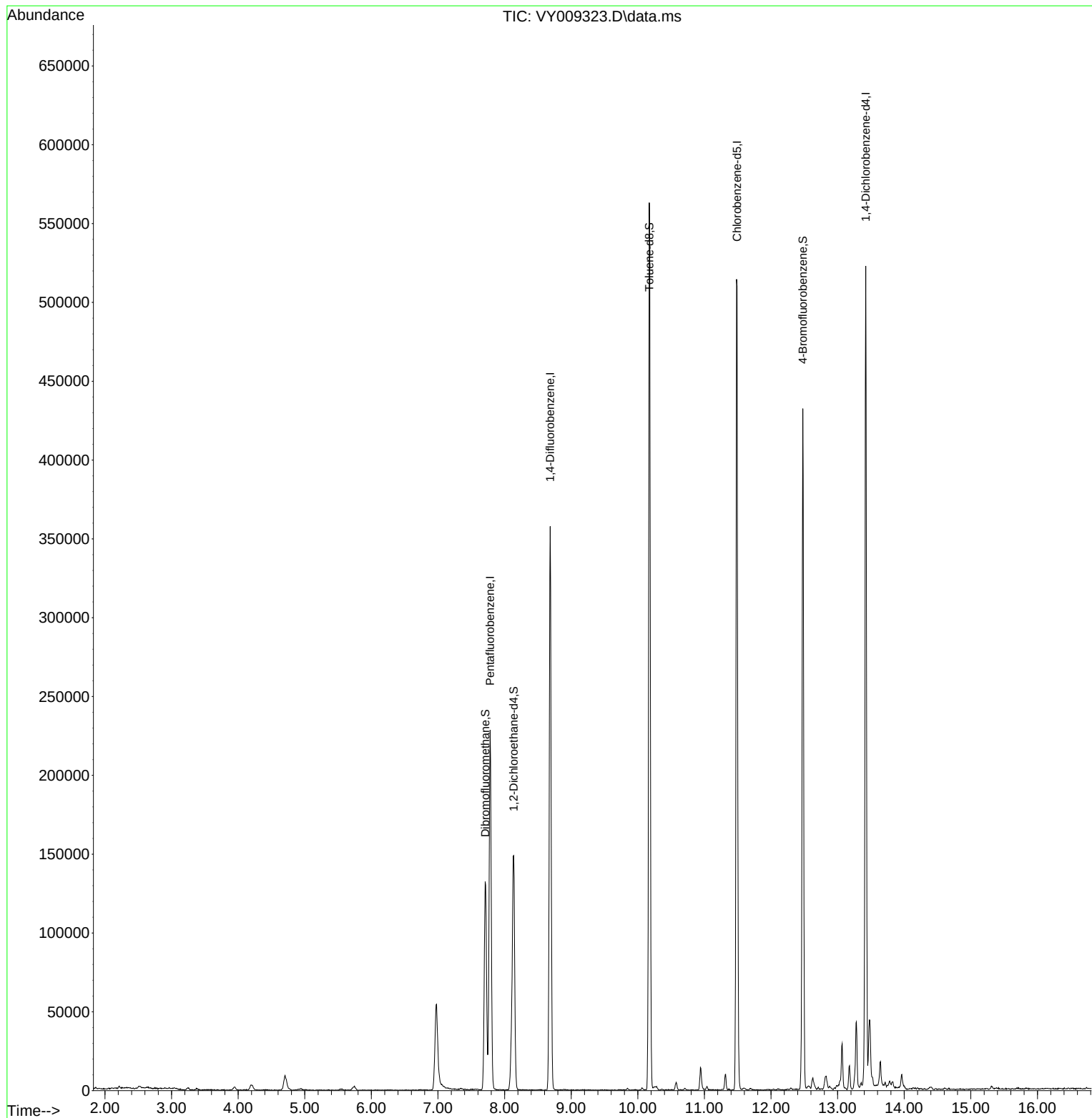
Target Compounds Qvalue

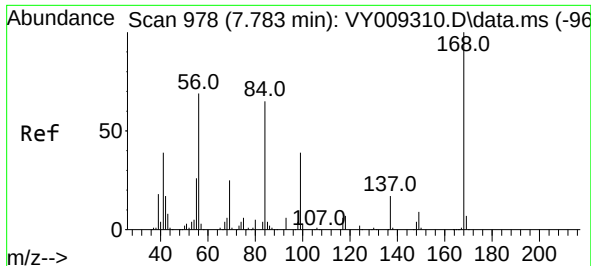
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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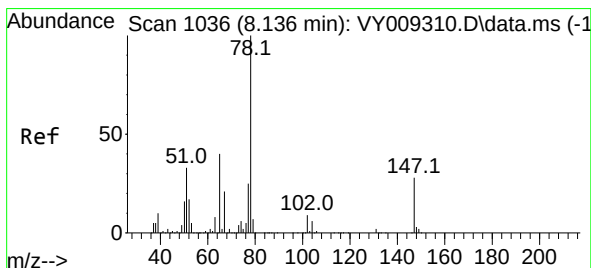
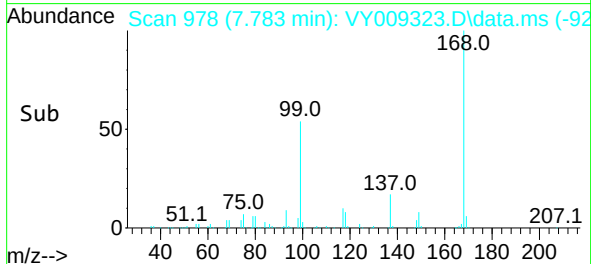
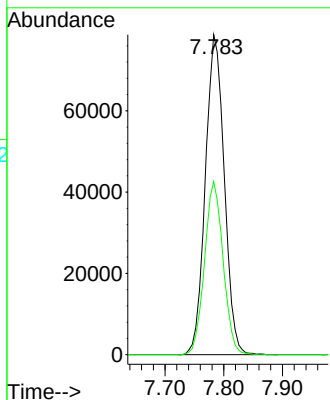
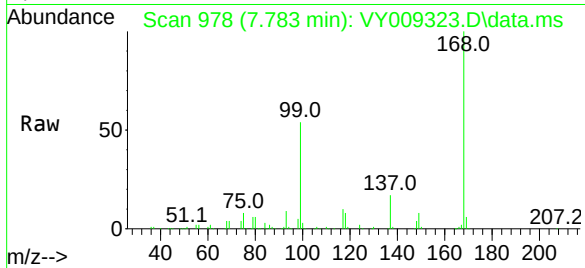




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009323.D
Acq: 25 Jun 2022 14:58

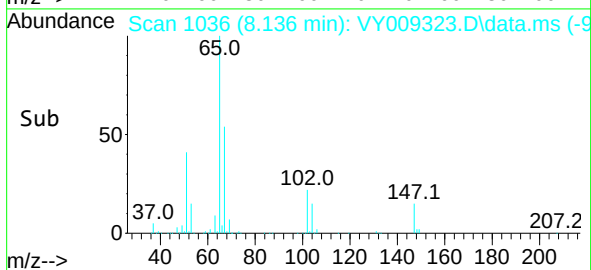
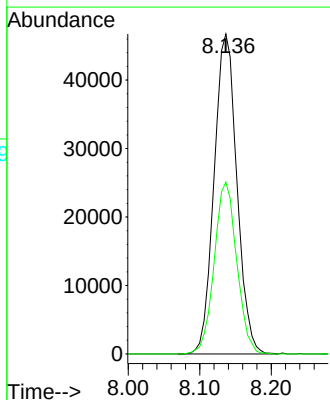
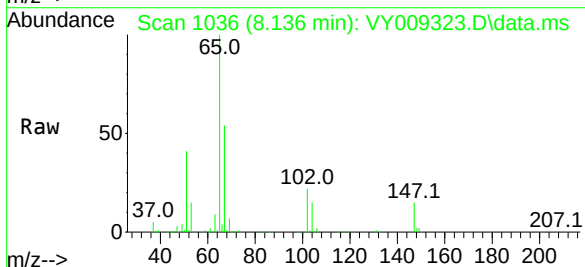
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MSVOA_Y
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SB-9-22.5-24.5-20220623

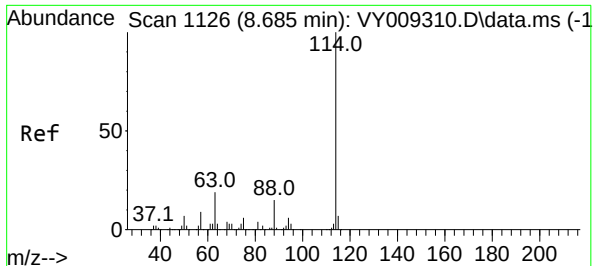
Tgt Ion:168 Resp: 176168
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 80.762 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009323.D
Acq: 25 Jun 2022 14:58

Tgt Ion: 65 Resp: 103401
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4

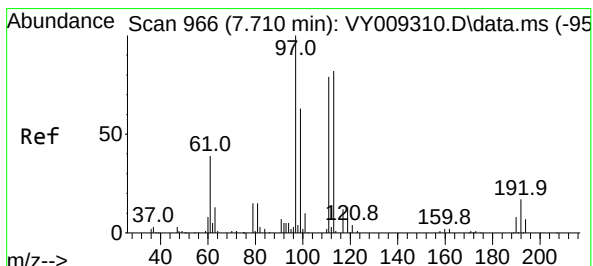
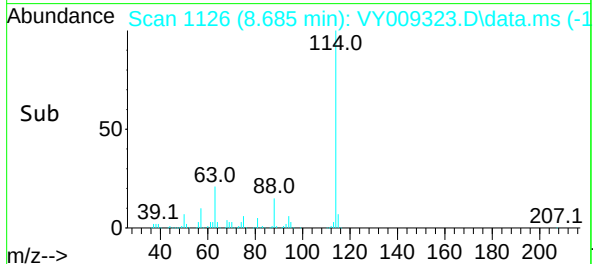
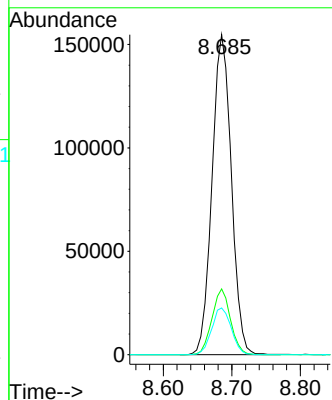
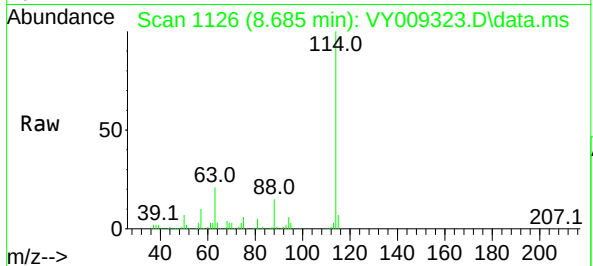




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009323.D
Acq: 25 Jun 2022 14:58

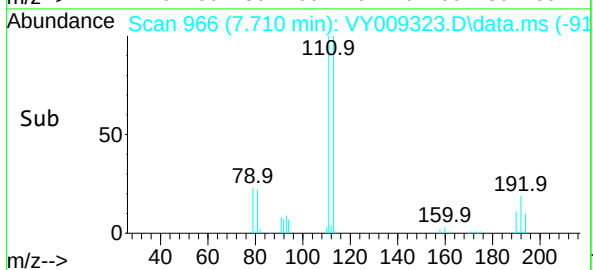
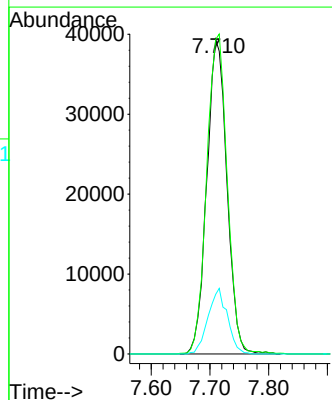
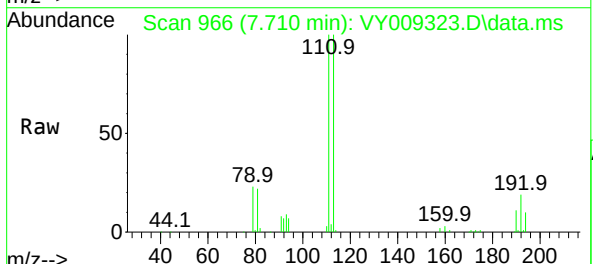
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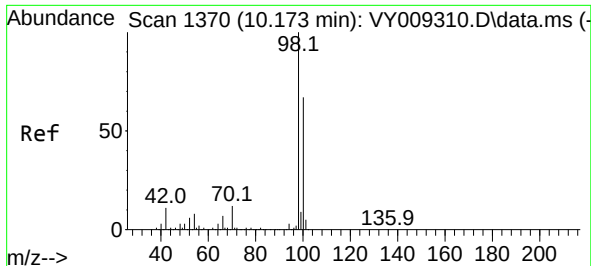
Tgt Ion:114 Resp: 302136
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.0
88 14.6 0.0 30.0



#35
Dibromofluoromethane
Concen: 57.596 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009323.D
Acq: 25 Jun 2022 14:58

Tgt Ion:113 Resp: 93927
Ion Ratio Lower Upper
113 100
111 103.7 80.6 120.8
192 20.0 16.2 24.4

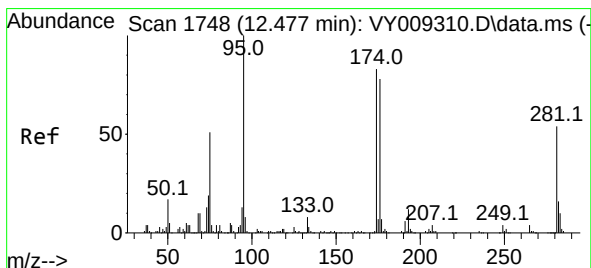
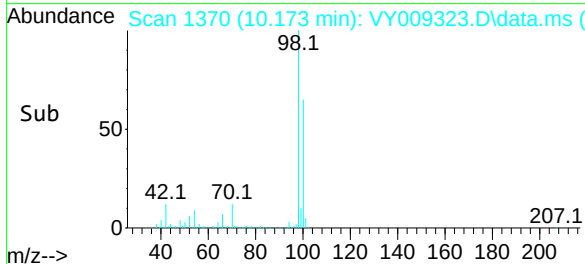
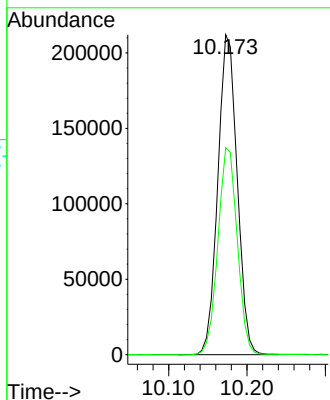
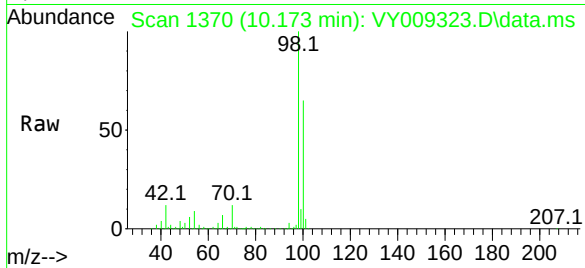




#50
Toluene-d8
Concen: 80.645 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009323.D
Acq: 25 Jun 2022 14:58

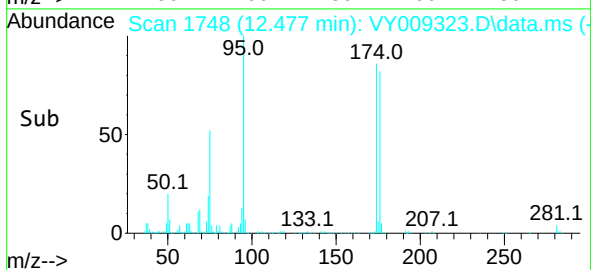
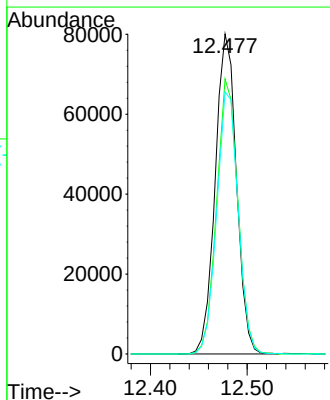
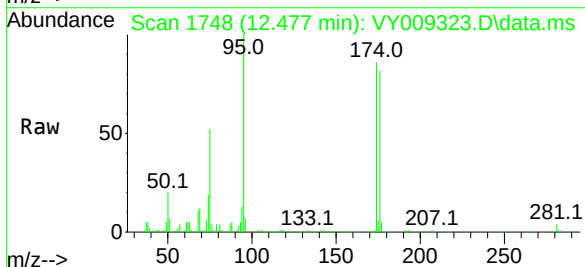
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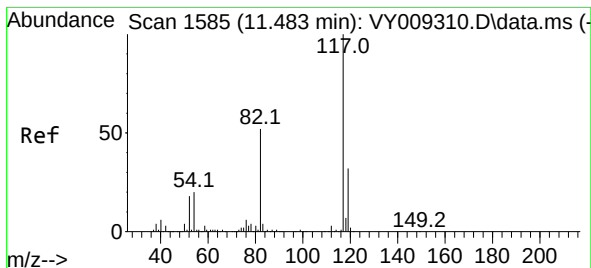
Tgt Ion: 98 Resp: 364430
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.485 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009323.D
Acq: 25 Jun 2022 14:58

Tgt Ion: 95 Resp: 121902
Ion Ratio Lower Upper
95 100
174 86.0 0.0 173.8
176 82.8 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY009323.D

Acq: 25 Jun 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-22.5-24.5-20220623

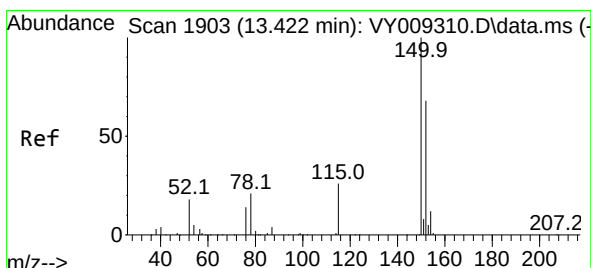
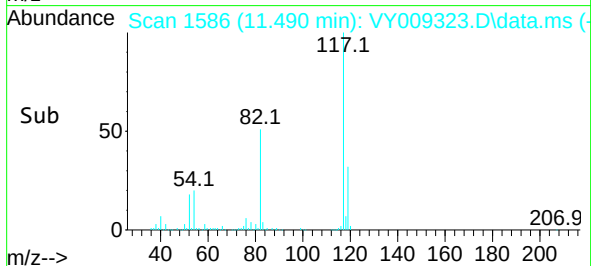
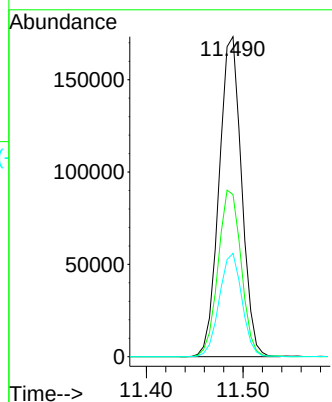
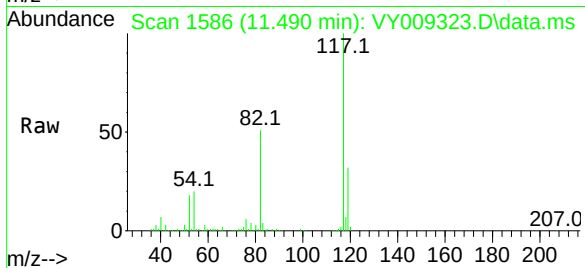
Tgt Ion:117 Resp: 279714

Ion Ratio Lower Upper

117 100

82 50.7 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: VY009323.D

Acq: 25 Jun 2022 14:58

Tgt Ion:152 Resp: 131495

Ion Ratio Lower Upper

152 100

115 56.4 28.6 85.9

150 155.2 0.0 349.8

