

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010602.D
 Acq On : 21 Sep 2022 16:31
 Operator : KP/MD
 Sample : N4697-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-24-6.5-7.0

Quant Time: Sep 22 06:10:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

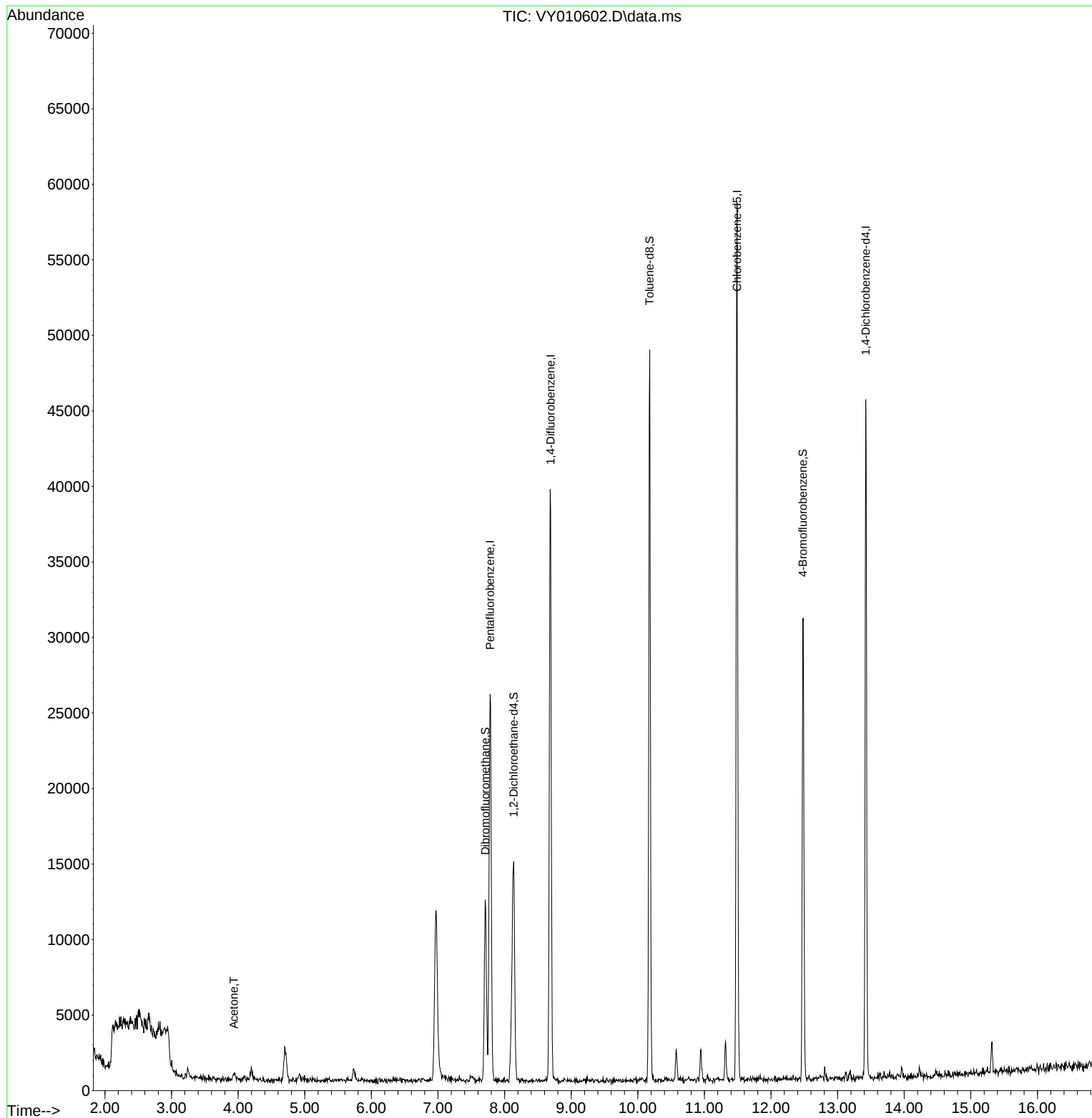
Internal Standards						
1) Pentafluorobenzene	7.783	168	20922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	35086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	32304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10113	50.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.080%
35) Dibromofluoromethane	7.710	113	8209	36.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.320%
50) Toluene-d8	10.179	98	31934	39.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.600%
62) 4-Bromofluorobenzene	12.477	95	8847	27.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.200%
Target Compounds						
16) Acetone	3.936	43	881	21.589	ug/l	98

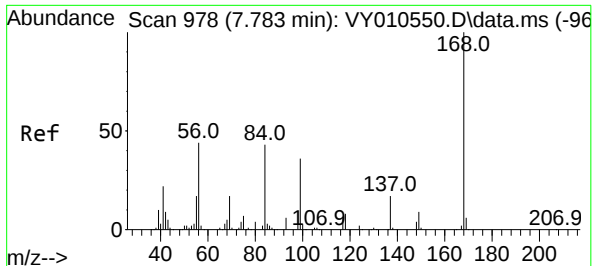
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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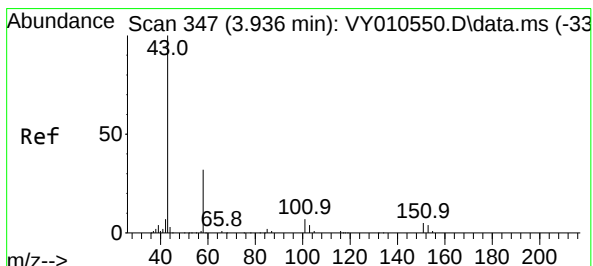
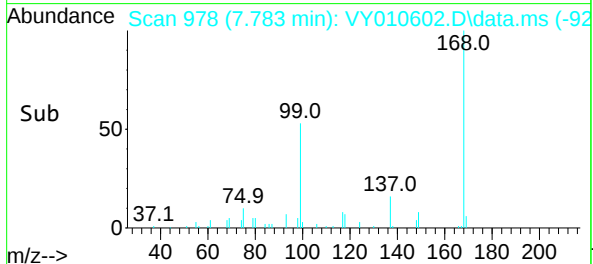
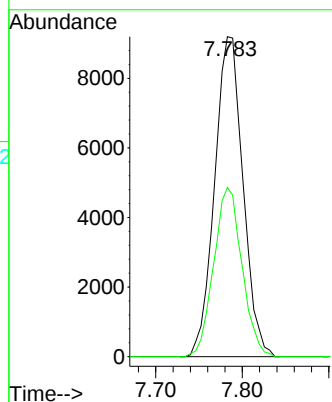
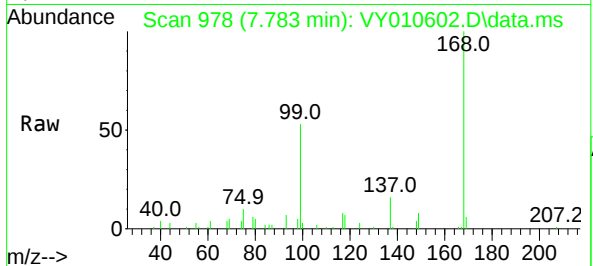




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010602.D
Acq: 21 Sep 2022 16:31

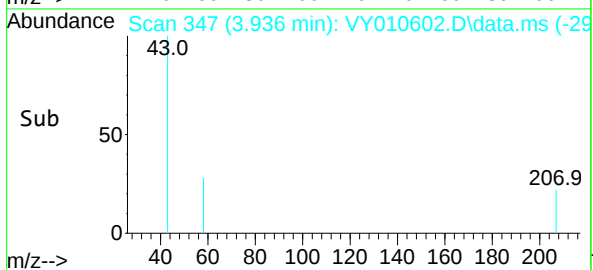
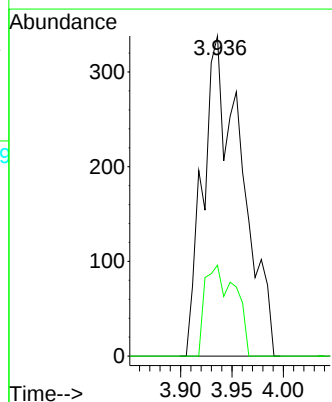
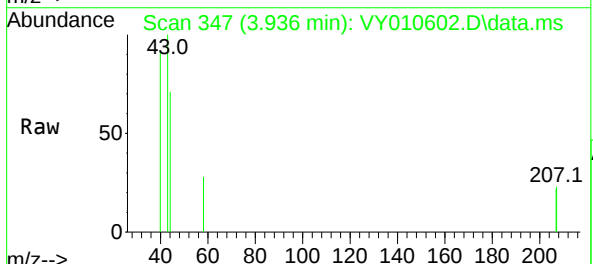
Instrument :
MSVOA_Y
ClientSampleId :
SB-24-6.5-7.0

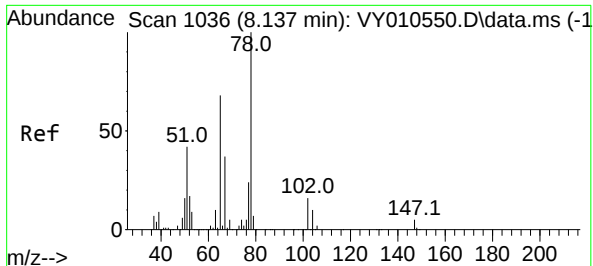
Tgt Ion:168 Resp: 20922
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#16
Acetone
Concen: 21.589 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010602.D
Acq: 21 Sep 2022 16:31

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 50.536 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010602.D

Acq: 21 Sep 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

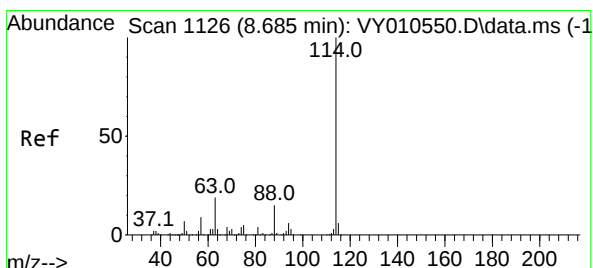
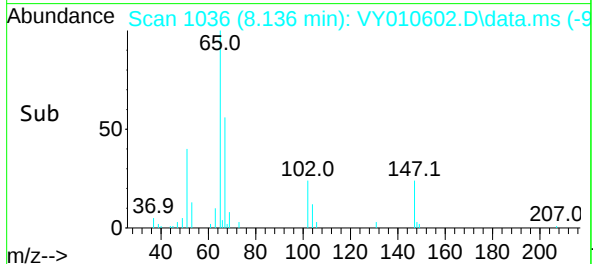
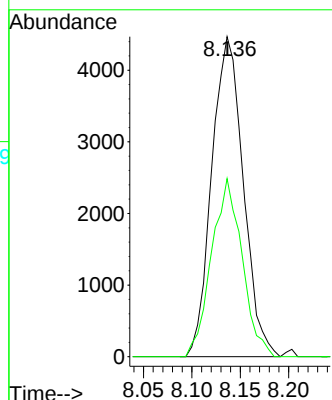
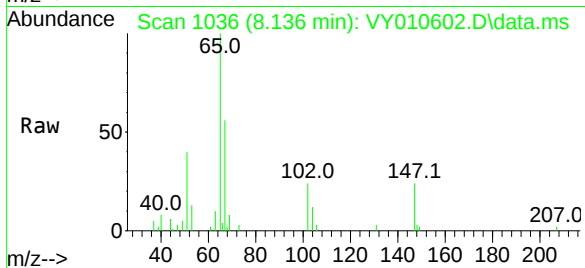
SB-24-6.5-7.0

Tgt Ion: 65 Resp: 10113

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010602.D

Acq: 21 Sep 2022 16:31

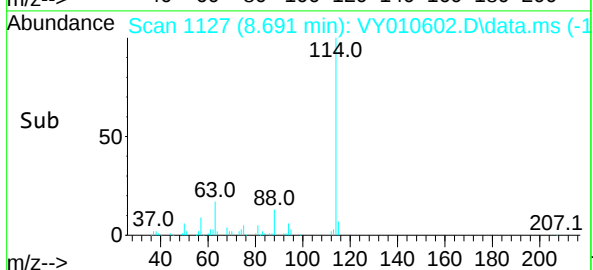
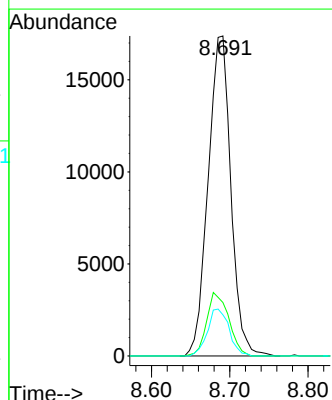
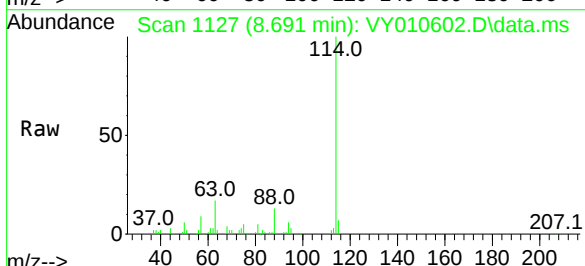
Tgt Ion: 114 Resp: 35086

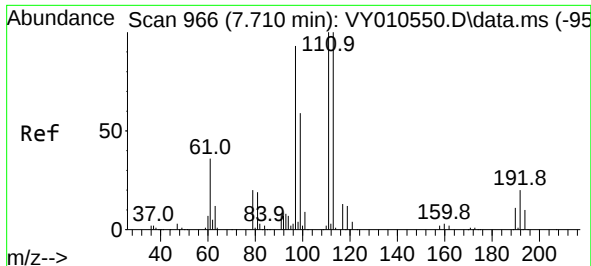
Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 12.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 36.661 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY010602.D

Acq: 21 Sep 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-24-6.5-7.0

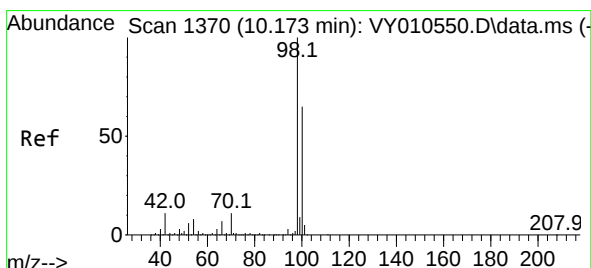
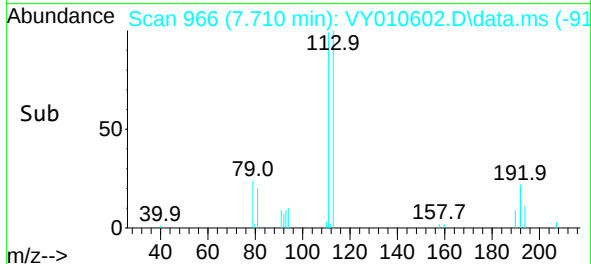
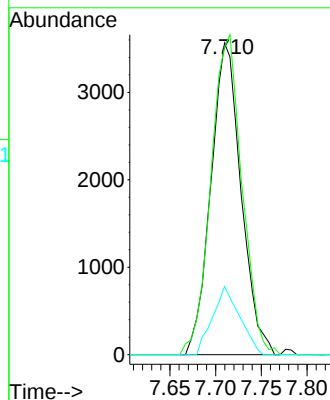
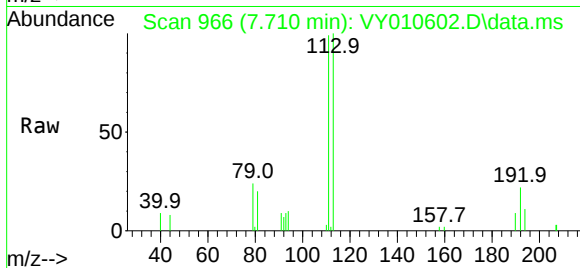
Tgt Ion:113 Resp: 8209

Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

192 19.7 17.6 26.4



#50

Toluene-d8

Concen: 39.301 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010602.D

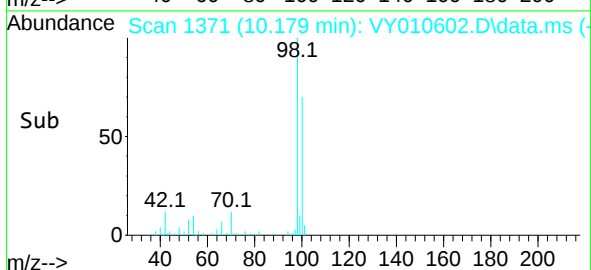
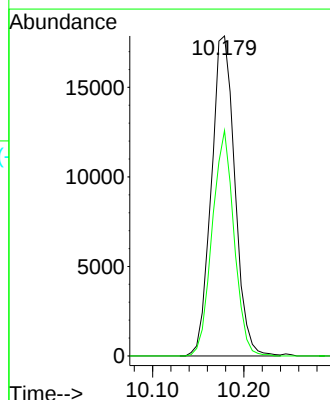
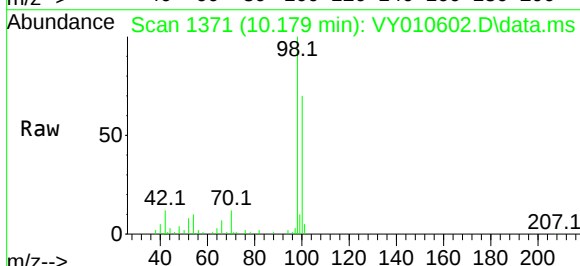
Acq: 21 Sep 2022 16:31

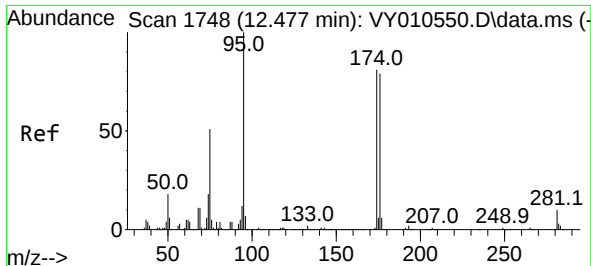
Tgt Ion: 98 Resp: 31934

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

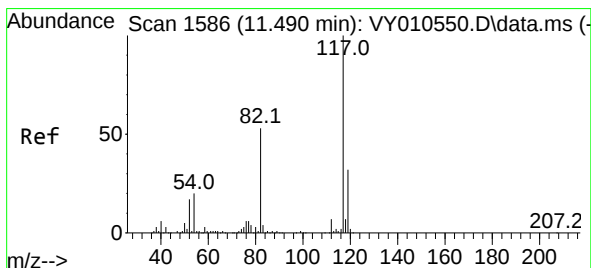
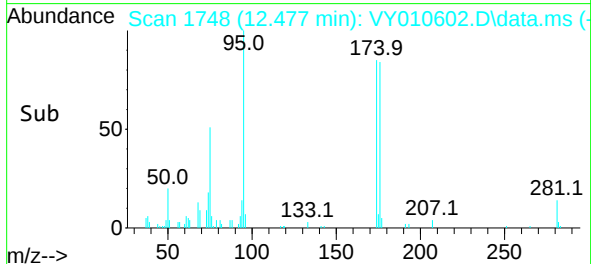
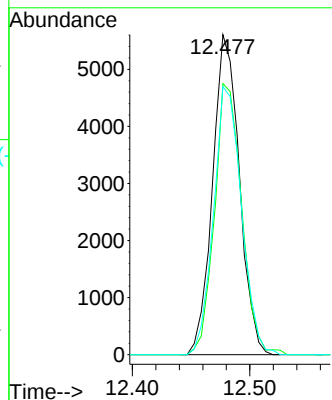
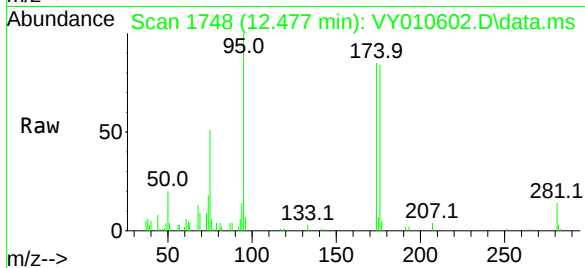




#62
4-Bromofluorobenzene
Concen: 27.595 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010602.D
Acq: 21 Sep 2022 16:31

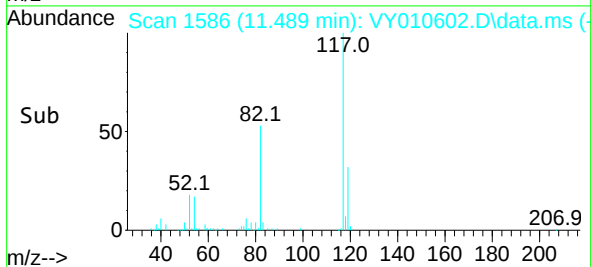
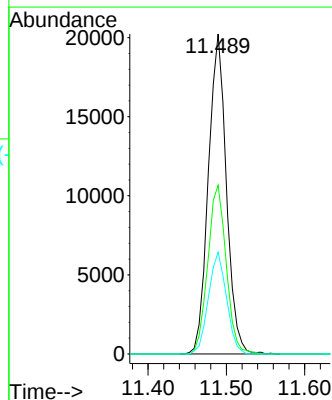
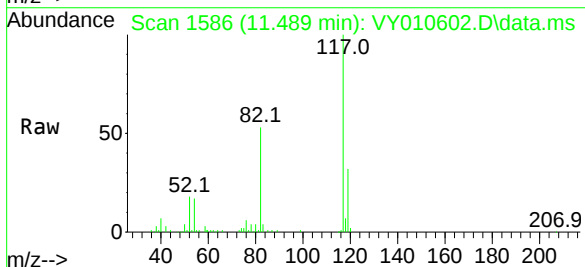
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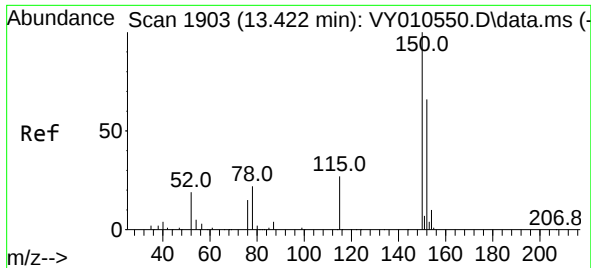
Tgt Ion: 95 Resp: 8847
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010602.D
Acq: 21 Sep 2022 16:31

Tgt Ion: 117 Resp: 32304
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.8 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: VY010602.D

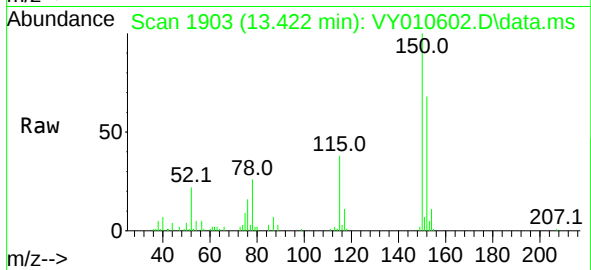
Acq: 21 Sep 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-24-6.5-7.0



Tgt Ion:152 Resp: 11947

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 158.7 0.0 347.6

