

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010359.D
 Acq On : 06 Sep 2022 20:12
 Operator : KP/MD
 Sample : N4500-17
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-13.5-14.0

Quant Time: Sep 07 05:56:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

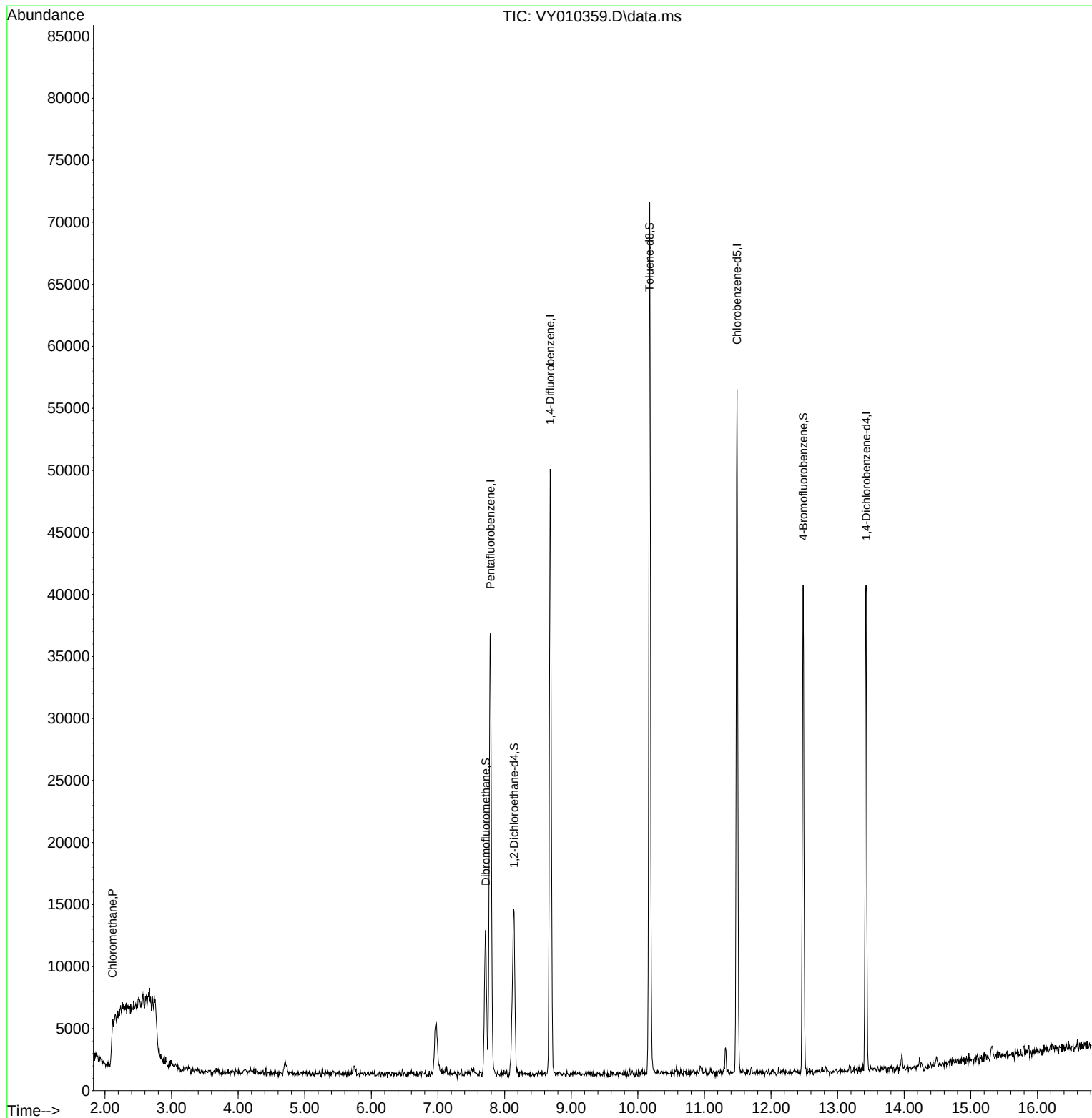
Internal Standards						
1) Pentafluorobenzene	7.789	168	28672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	42630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	31040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9988	33.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.940%
35) Dibromofluoromethane	7.716	113	8089	28.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.000%
50) Toluene-d8	10.179	98	47144	49.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.483	95	11451	27.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.440%
Target Compounds						
3) Chloromethane	2.113	50	368	1.178	ug/l	Qvalue 91

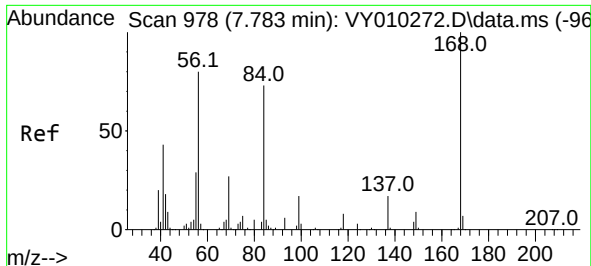
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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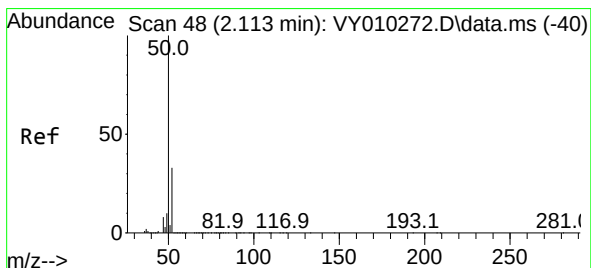
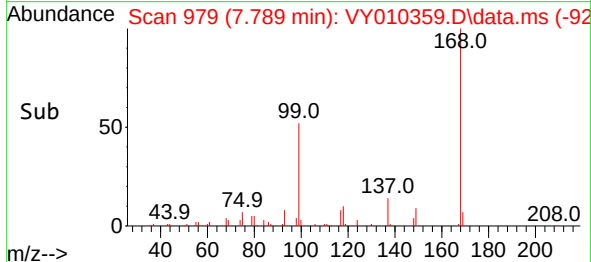
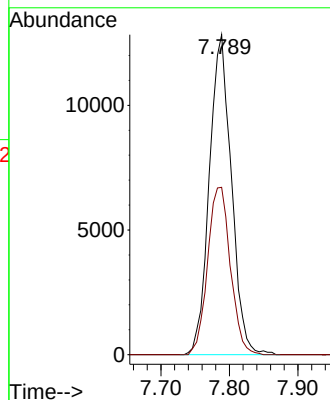
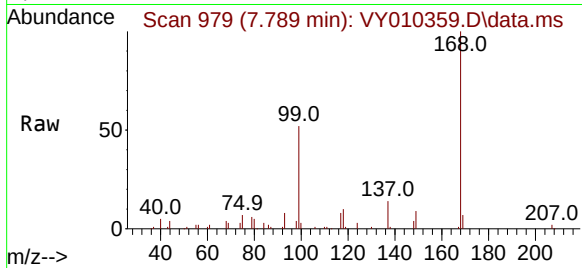




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010359.D
Acq: 06 Sep 2022 20:12

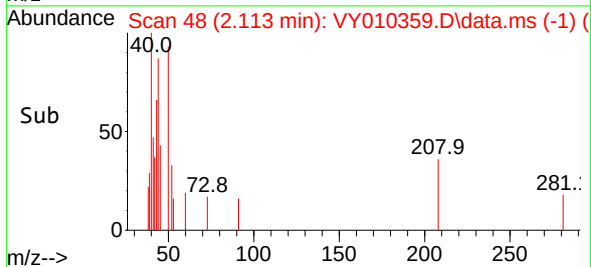
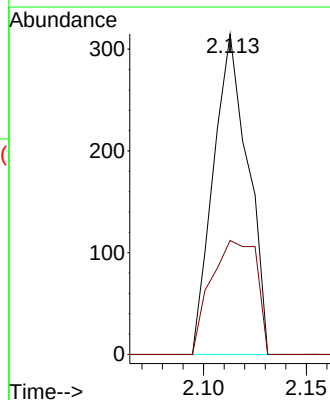
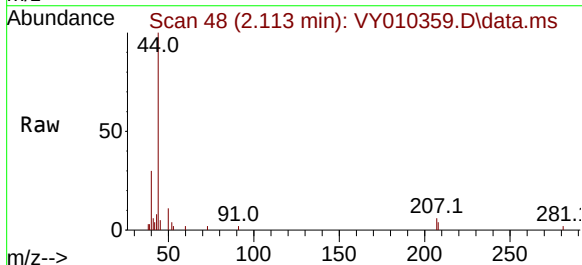
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-13.5-14.0

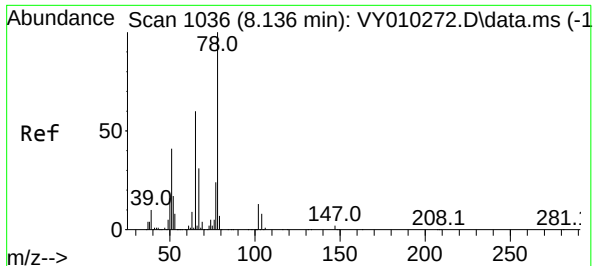
Tgt Ion:168 Resp: 28672
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#3
Chloromethane
Concen: 1.178 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY010359.D
Acq: 06 Sep 2022 20:12

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 35.6 24.6 37.0





#33

1,2-Dichloroethane-d4

Concen: 33.973 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY010359.D

Acq: 06 Sep 2022 20:12

Instrument :

MSVOA_Y

ClientSampleId :

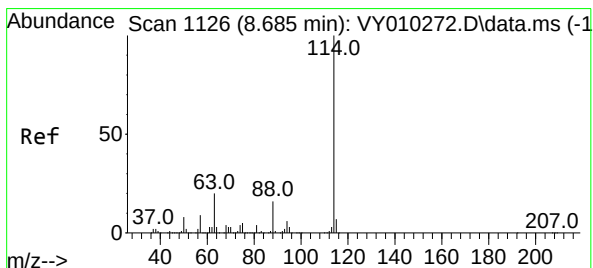
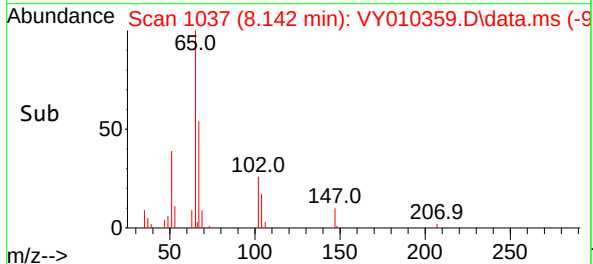
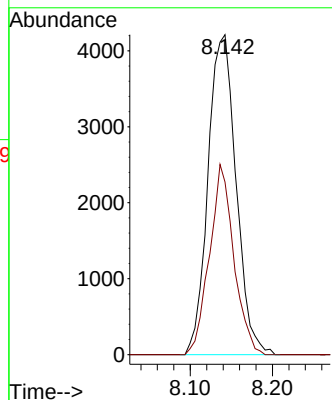
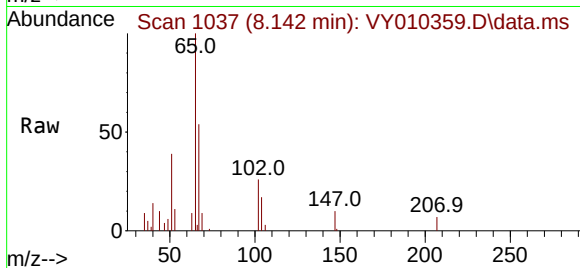
SB-05-13.5-14.0

Tgt Ion: 65 Resp: 9988

Ion Ratio Lower Upper

65 100

67 51.7 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: VY010359.D

Acq: 06 Sep 2022 20:12

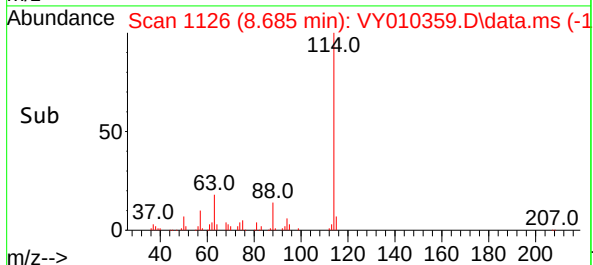
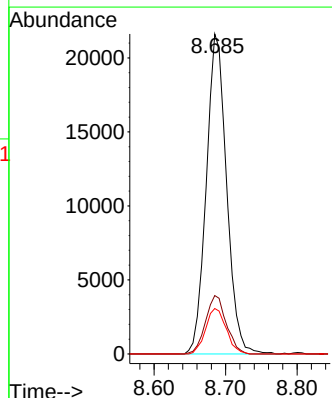
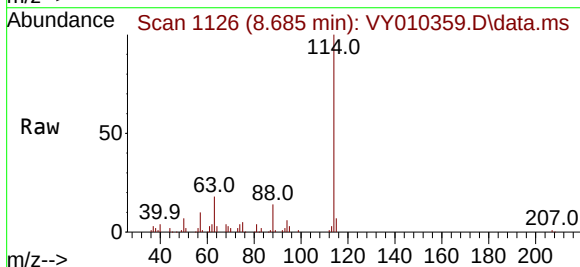
Tgt Ion: 114 Resp: 42630

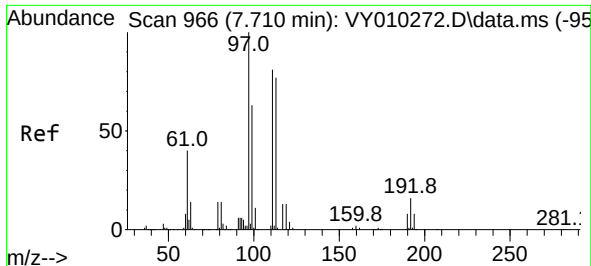
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 28.503 ug/l

RT: 7.716 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY010359.D

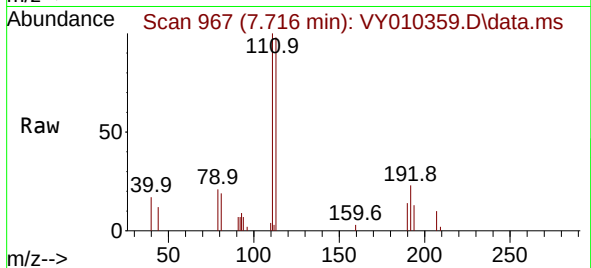
Acq: 06 Sep 2022 20:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-13.5-14.0



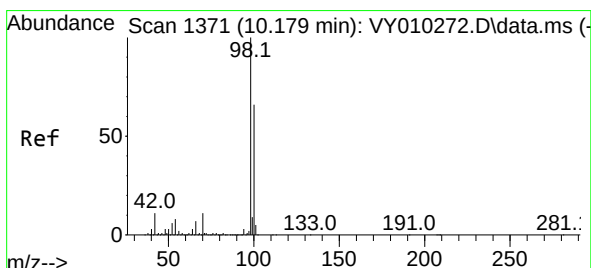
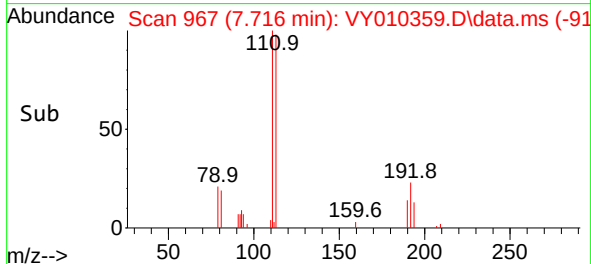
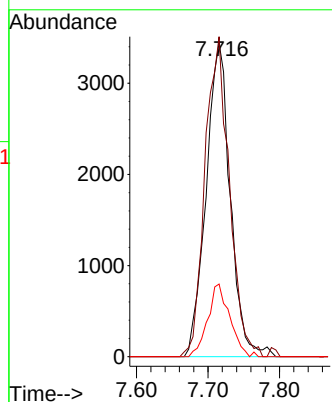
Tgt Ion:113 Resp: 8089

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 21.1 17.6 26.4



#50

Toluene-d8

Concen: 49.617 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY010359.D

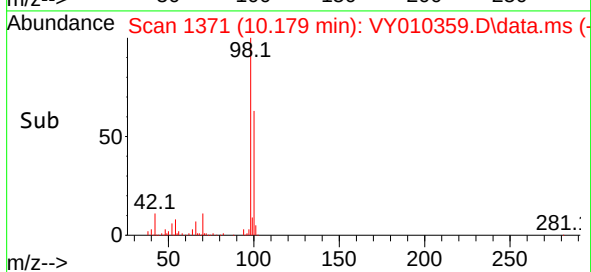
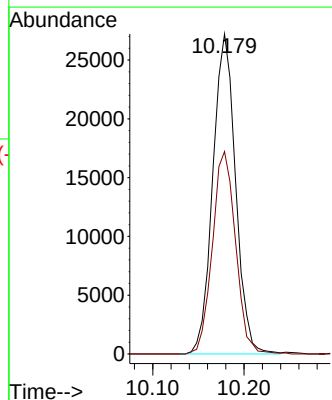
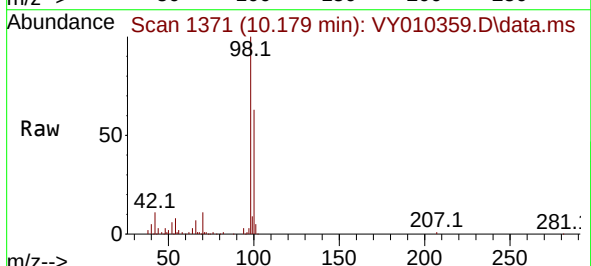
Acq: 06 Sep 2022 20:12

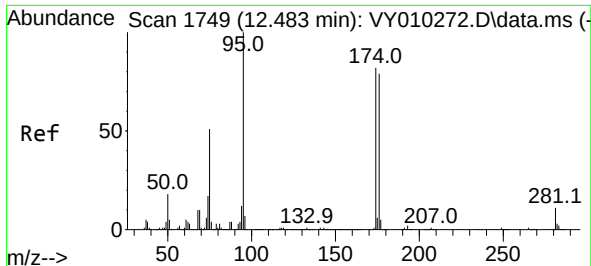
Tgt Ion: 98 Resp: 47144

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2

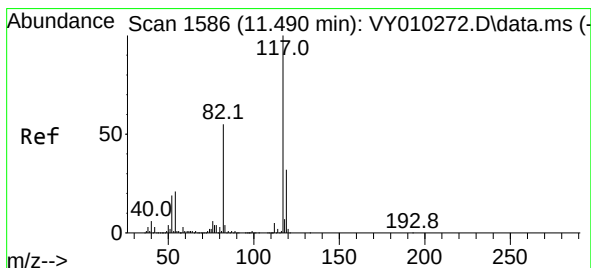
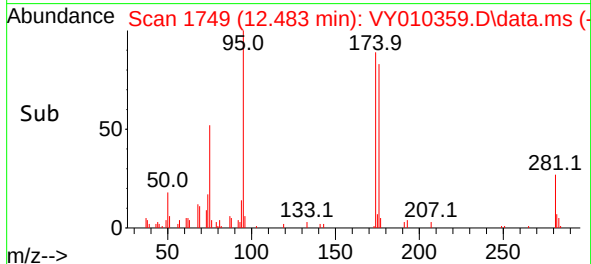
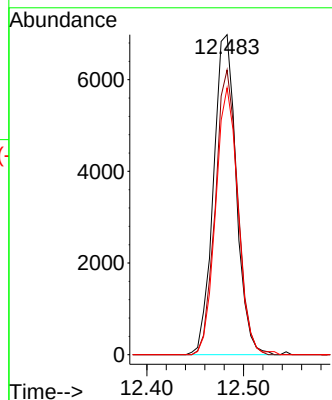
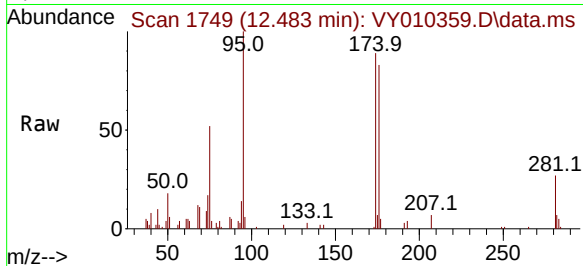




#62
4-Bromofluorobenzene
Concen: 27.217 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010359.D
Acq: 06 Sep 2022 20:12

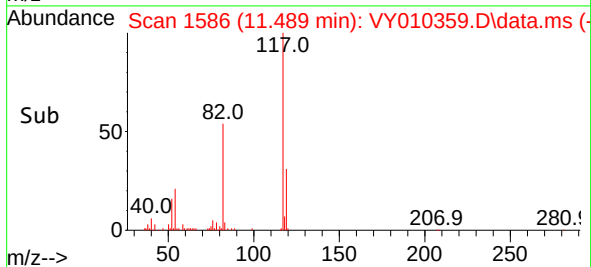
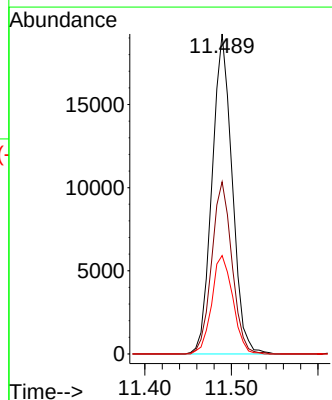
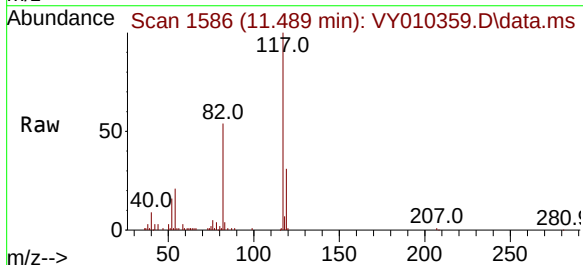
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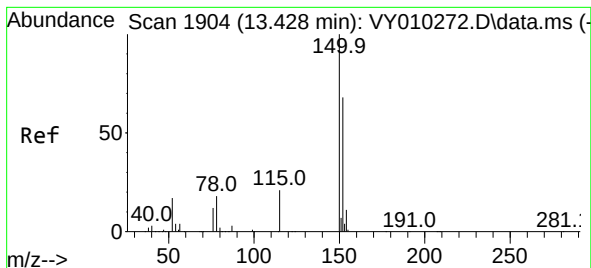
Tgt Ion: 95 Resp: 11451
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 82.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010359.D
Acq: 06 Sep 2022 20:12

Tgt Ion: 117 Resp: 31040
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 30.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY010359.D

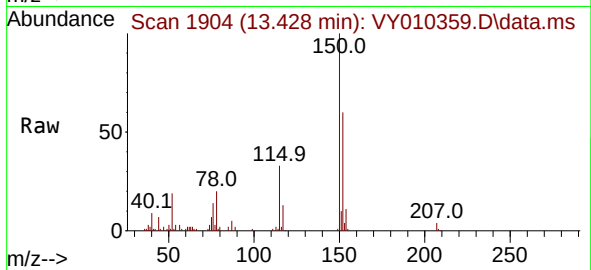
Acq: 06 Sep 2022 20:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-13.5-14.0



Tgt Ion:152 Resp: 10825

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.9 0.0 347.6

