

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011398.D
 Acq On : 10 Nov 2022 18:09
 Operator : KP/MD
 Sample : N5531-10
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-30

Quant Time: Nov 10 22:18:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	241891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	415886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	376311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175713	86.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.380%#
35) Dibromofluoromethane	7.716	113	176040	75.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.060%#
50) Toluene-d8	10.179	98	650953	73.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	146.220%#
62) 4-Bromofluorobenzene	12.477	95	201517	64.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.780%

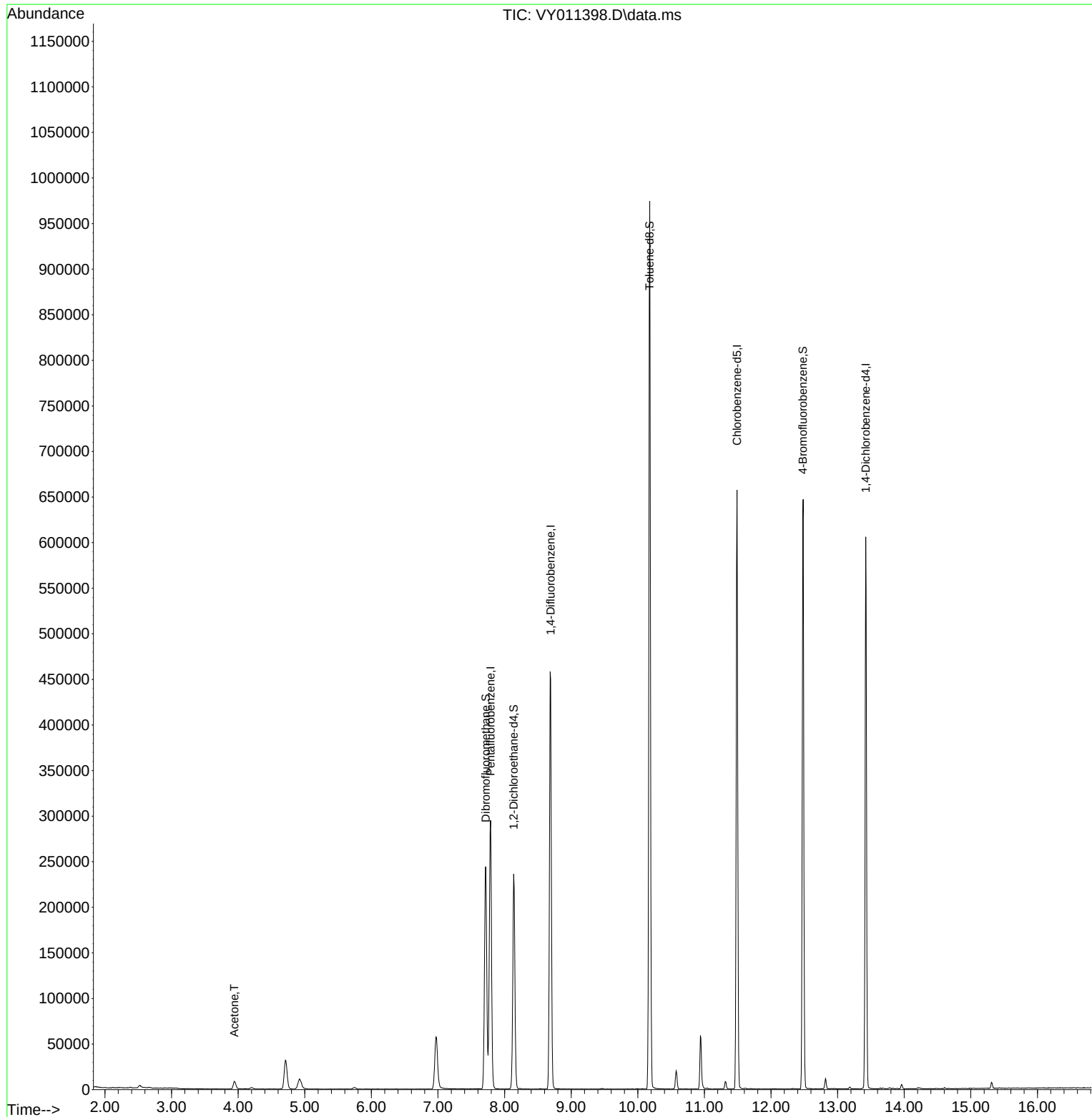
Target Compounds			Qvalue			
16) Acetone	3.942	43	14833	27.732	ug/l	# 80

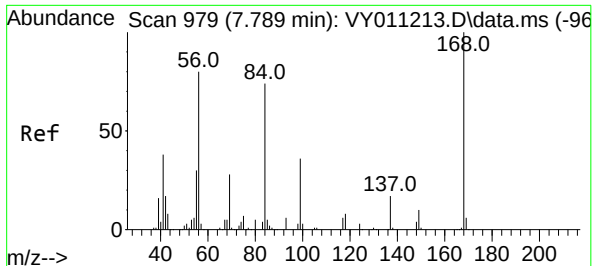
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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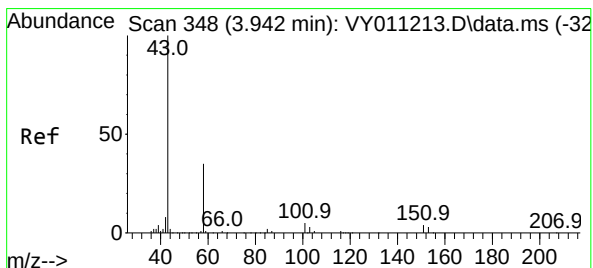
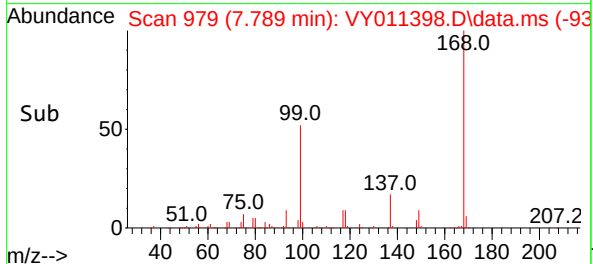
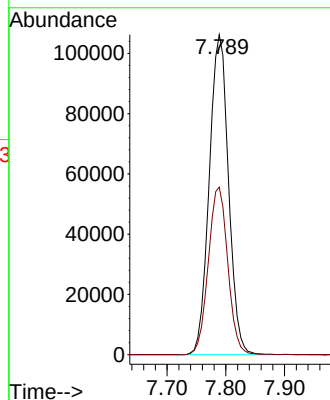
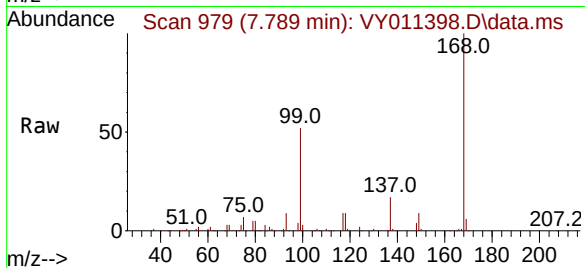




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011398.D
Acq: 10 Nov 2022 18:09

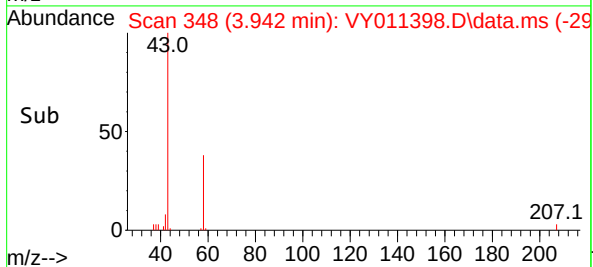
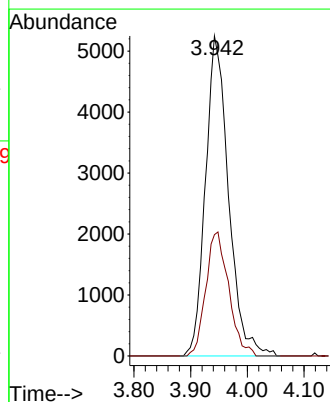
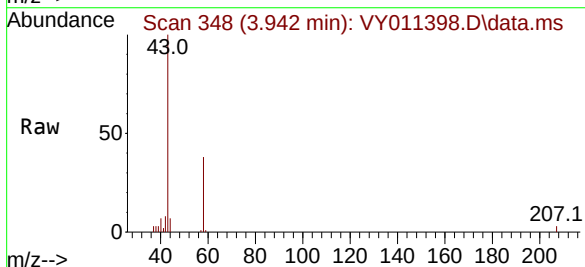
Instrument :
MSVOA_Y
ClientSampleId :
SB-30

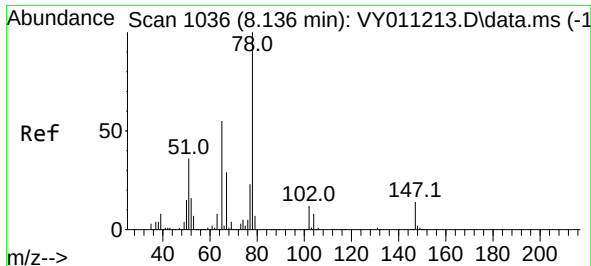
Tgt Ion:168 Resp: 241891
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#16
Acetone
Concen: 27.732 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011398.D
Acq: 10 Nov 2022 18:09

Tgt Ion: 43 Resp: 14833
Ion Ratio Lower Upper
43 100
58 37.9 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 86.687 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011398.D

Acq: 10 Nov 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

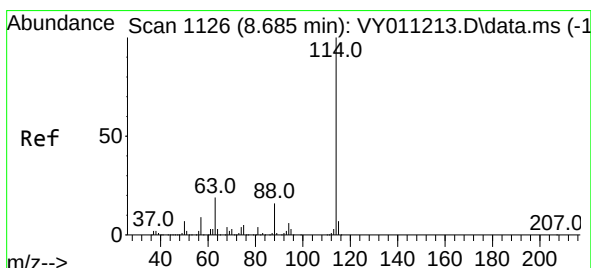
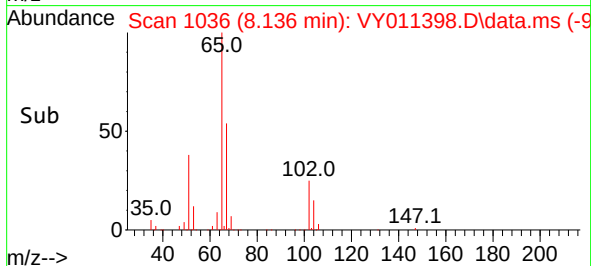
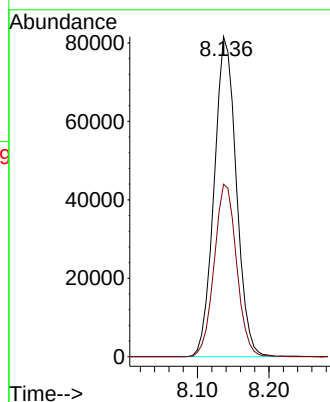
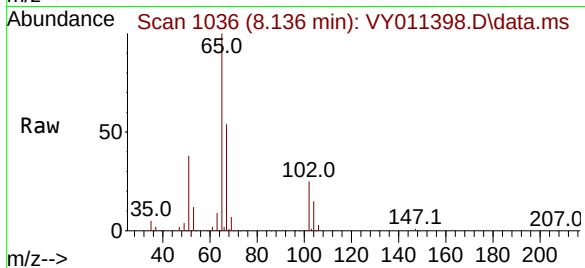
SB-30

Tgt Ion: 65 Resp: 175713

Ion Ratio Lower Upper

65 100

67 54.4 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: VY011398.D

Acq: 10 Nov 2022 18:09

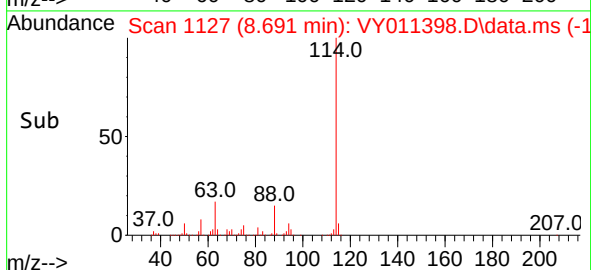
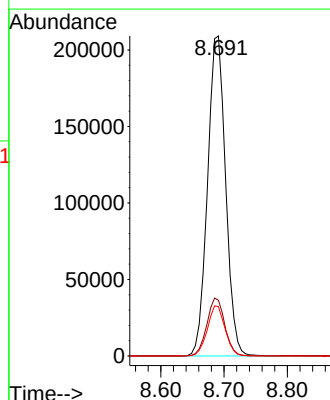
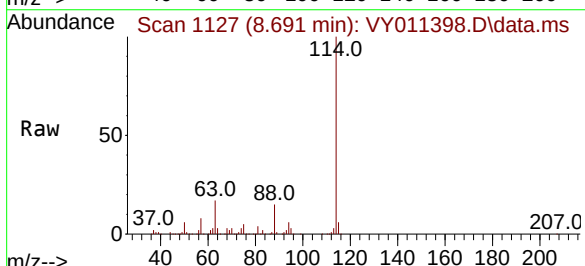
Tgt Ion: 114 Resp: 415886

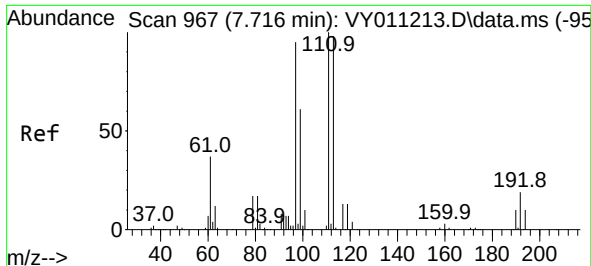
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 15.4 0.0 31.8

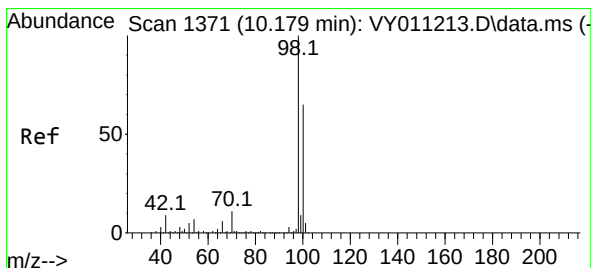
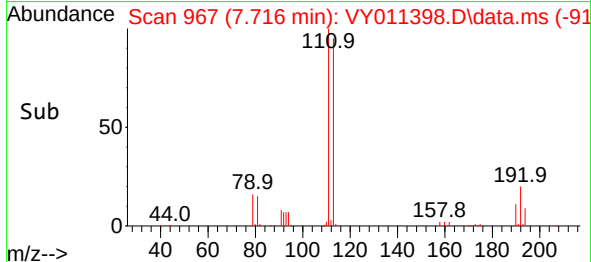
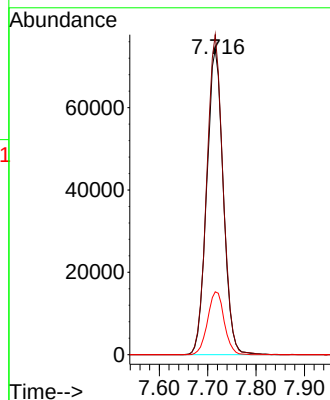
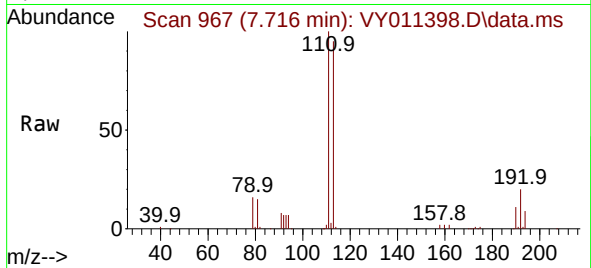




#35
Dibromofluoromethane
Concen: 75.530 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011398.D
Acq: 10 Nov 2022 18:09

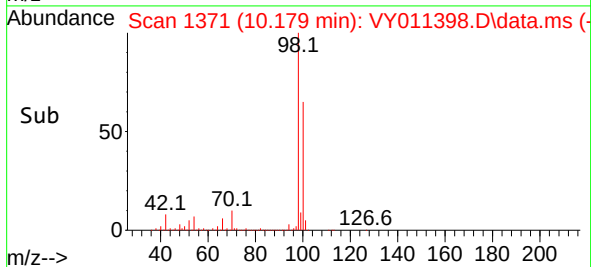
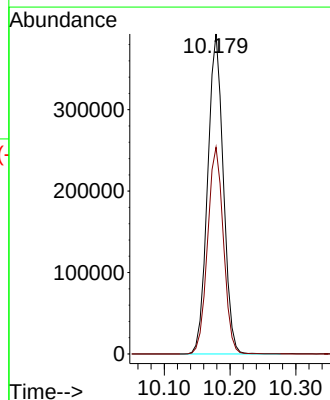
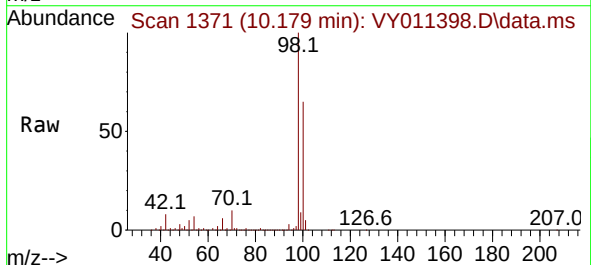
Instrument :
MSVOA_Y
ClientSampleId :
SB-30

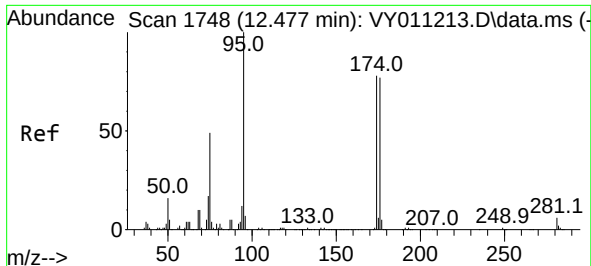
Tgt Ion:113 Resp: 176040
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 73.108 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011398.D
Acq: 10 Nov 2022 18:09

Tgt Ion: 98 Resp: 650953
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 64.887 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011398.D

Acq: 10 Nov 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-30

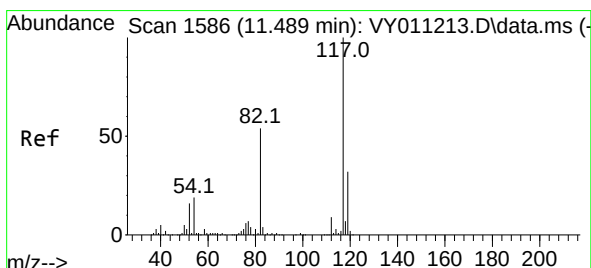
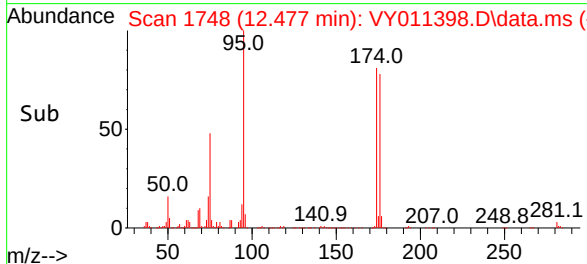
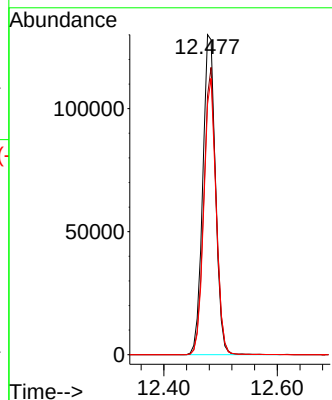
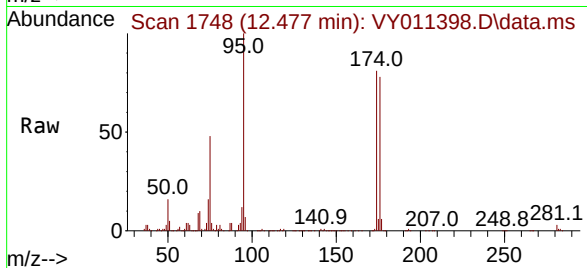
Tgt Ion: 95 Resp: 201517

Ion Ratio Lower Upper

95 100

174 87.0 0.0 177.0

176 83.4 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: VY011398.D

Acq: 10 Nov 2022 18:09

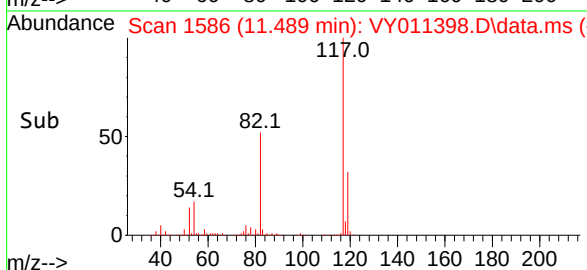
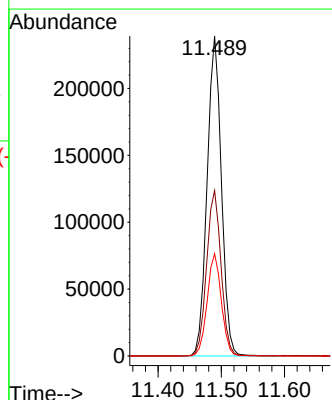
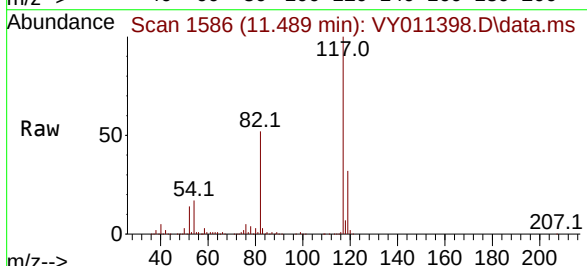
Tgt Ion: 117 Resp: 376311

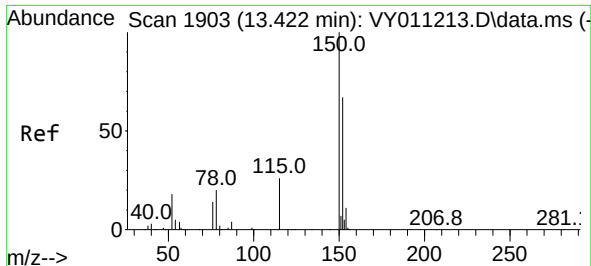
Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.4

119 31.9 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: VY011398.D

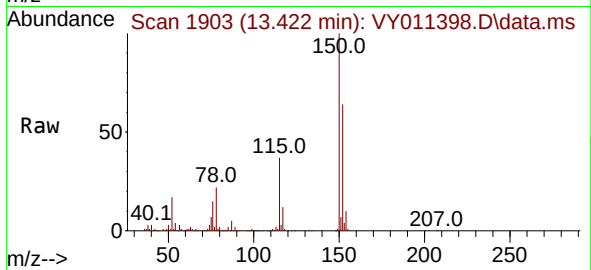
Acq: 10 Nov 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 161833

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 157.3 0.0 347.6

