

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011184.D
 Acq On : 29 Oct 2022 03:07
 Operator : KP/MD
 Sample : N5310-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-4

Quant Time: Oct 29 06:47:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

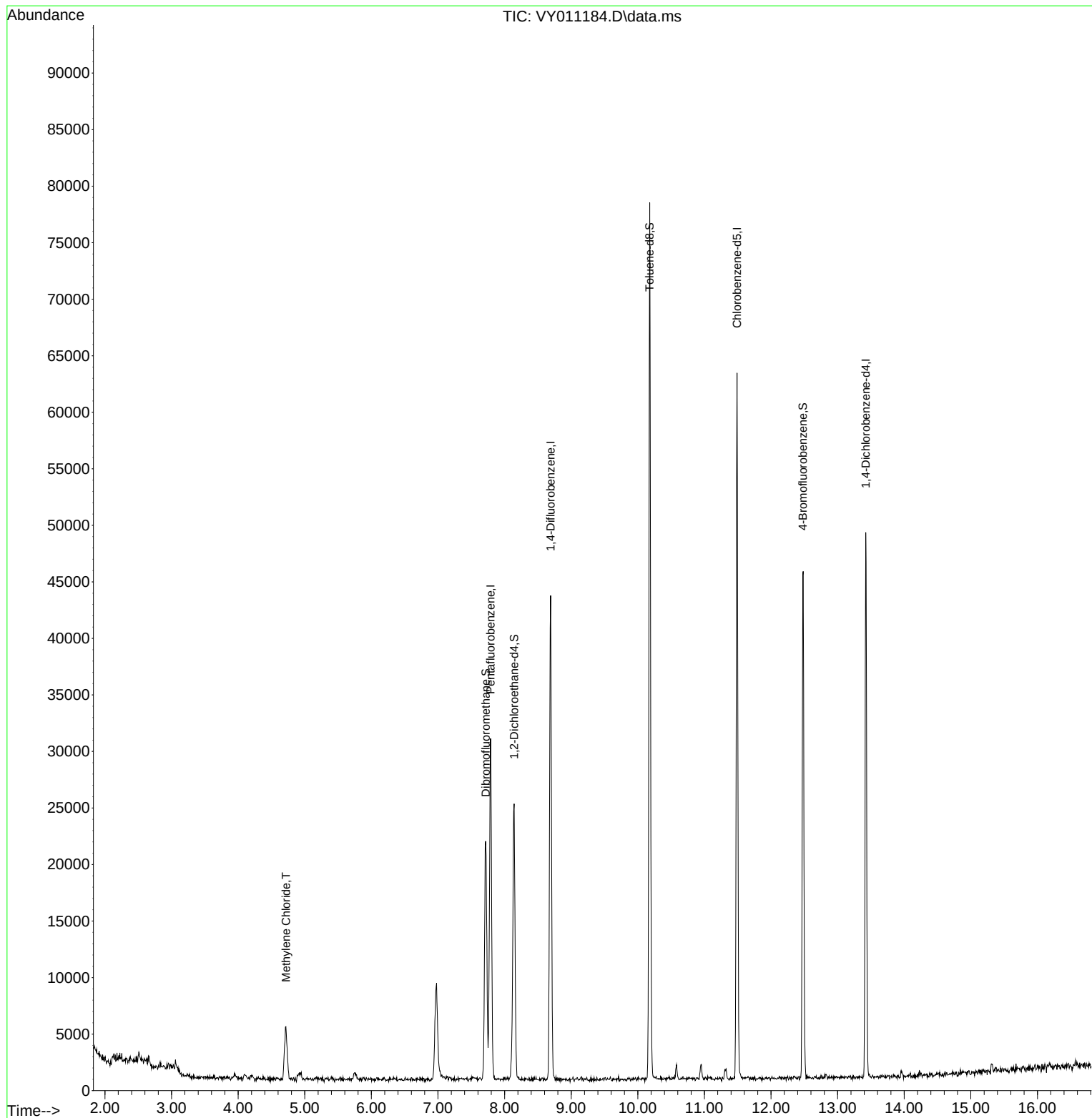
Internal Standards						
1) Pentafluorobenzene	7.789	168	23329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	35266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18406	76.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.600%
35) Dibromofluoromethane	7.716	113	15924	66.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.400%
50) Toluene-d8	10.179	98	51244	54.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.477	95	14533	46.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.920%
Target Compounds						
20) Methylene Chloride	4.716	84	3621	9.376	ug/l	Qvalue # 81

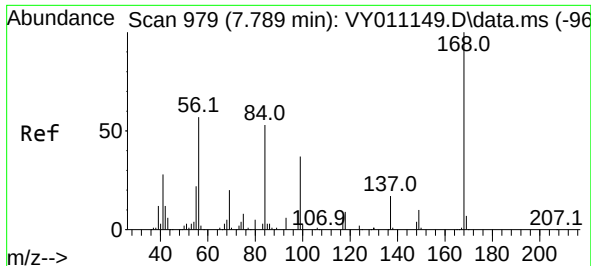
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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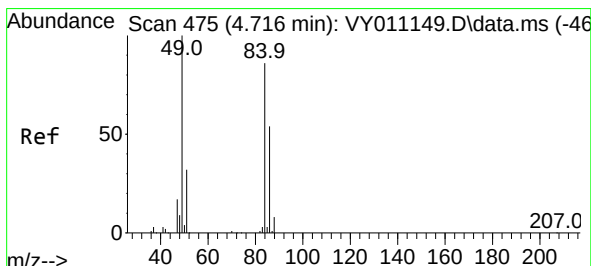
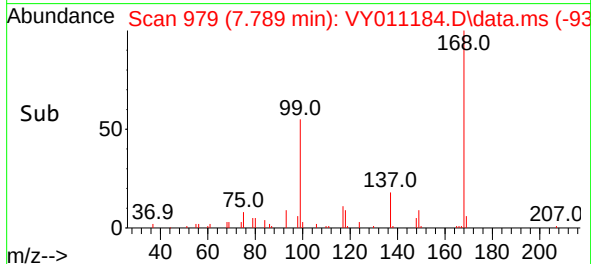
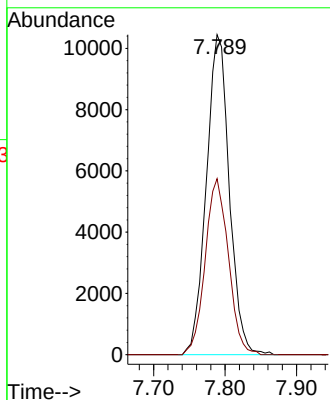
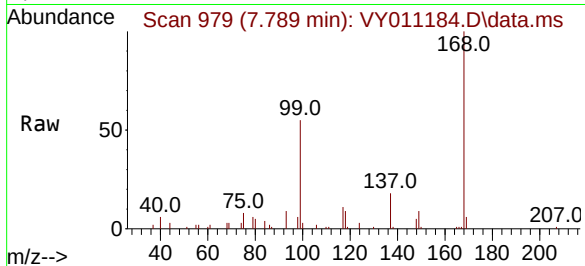




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011184.D
Acq: 29 Oct 2022 03:07

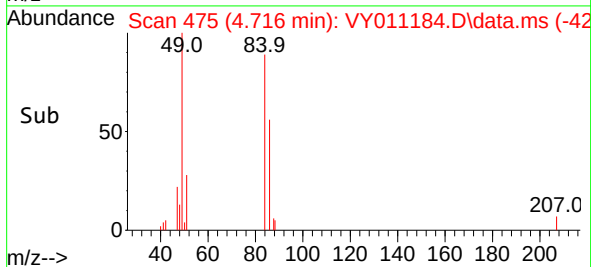
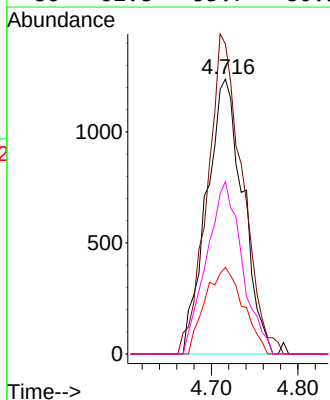
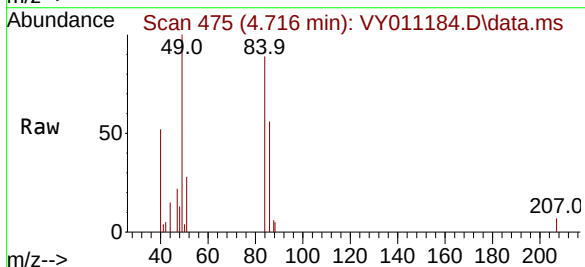
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-4

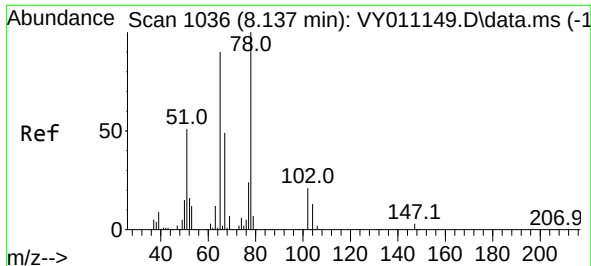
Tgt Ion:168 Resp: 23329
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#20
Methylene Chloride
Concen: 9.376 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011184.D
Acq: 29 Oct 2022 03:07

Tgt Ion: 84 Resp: 3621
Ion Ratio Lower Upper
84 100
49 112.8 114.4 171.6#
51 31.5 35.3 52.9#
86 62.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 76.302 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.005 min

Lab File: VY011184.D

Acq: 29 Oct 2022 03:07

Instrument :

MSVOA_Y

ClientSampleId :

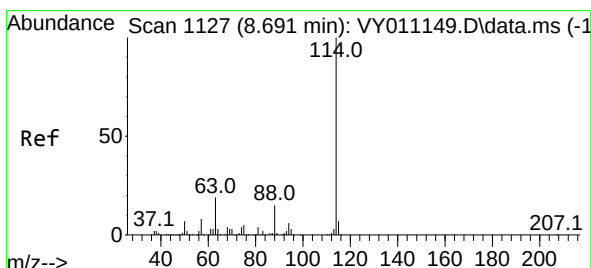
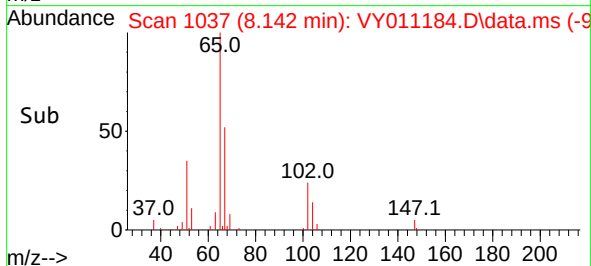
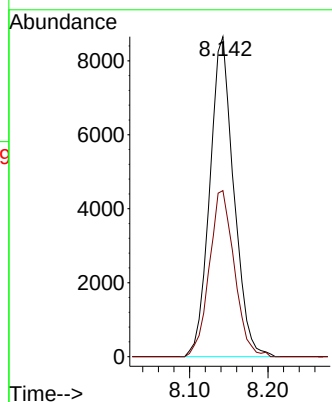
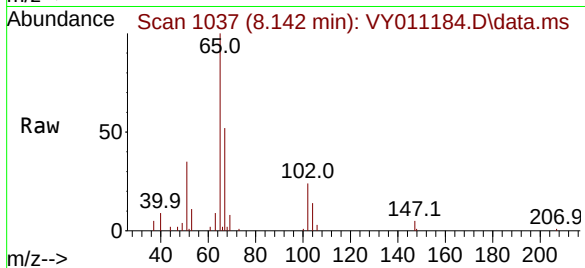
BIN 1-2-(2840)-VOC-4

Tgt Ion: 65 Resp: 18406

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011184.D

Acq: 29 Oct 2022 03:07

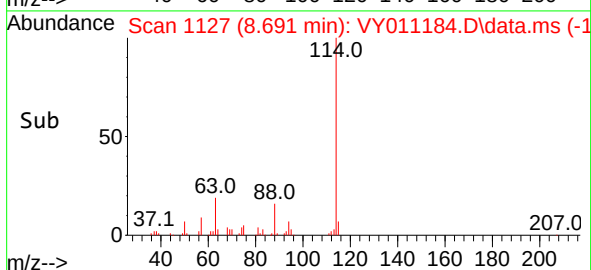
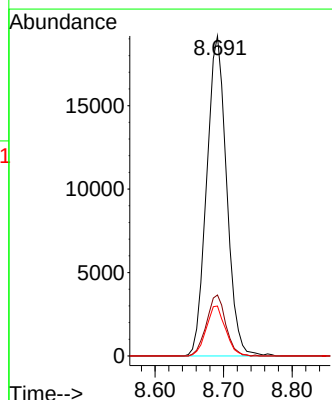
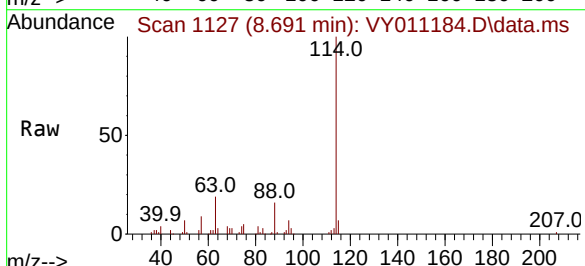
Tgt Ion: 114 Resp: 38820

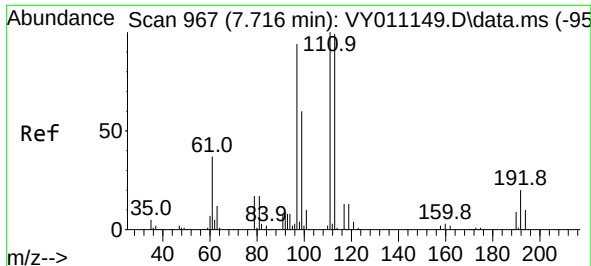
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.6 0.0 31.8

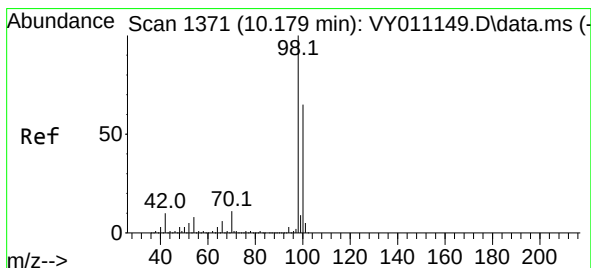
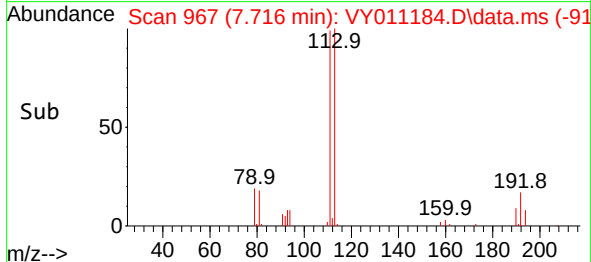
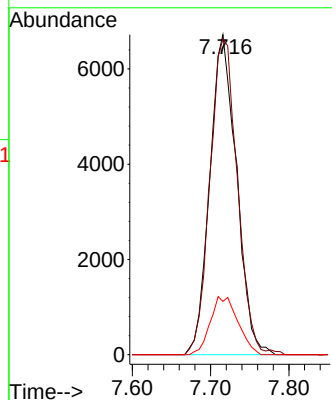
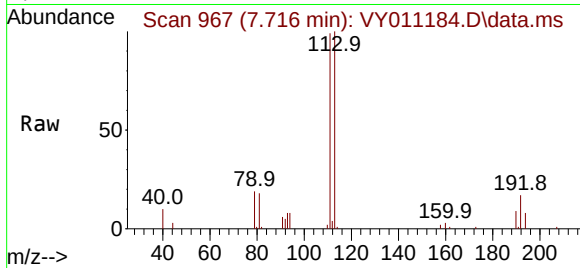




#35
Dibromofluoromethane
Concen: 66.703 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011184.D
Acq: 29 Oct 2022 03:07

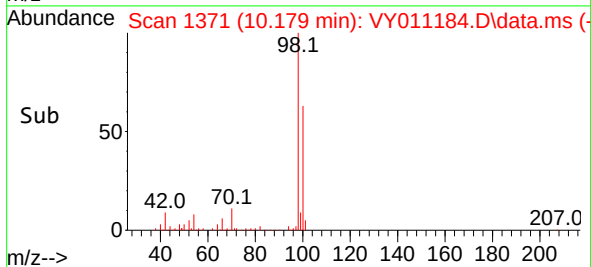
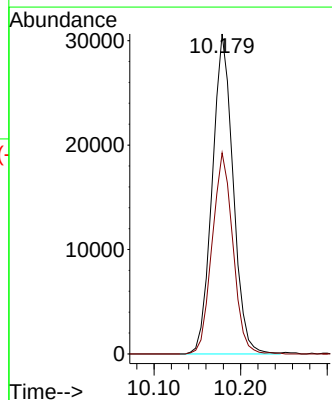
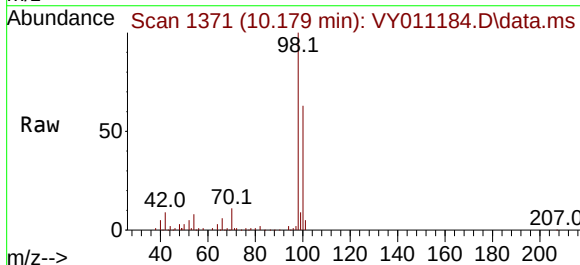
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-4

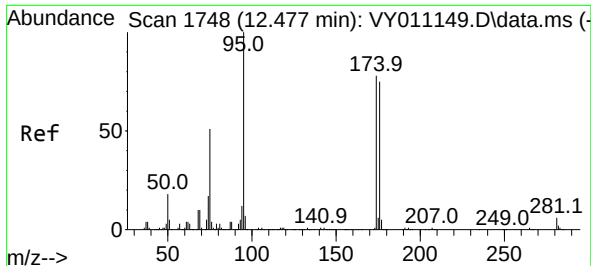
Tgt Ion:113 Resp: 15924
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 54.183 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011184.D
Acq: 29 Oct 2022 03:07

Tgt Ion: 98 Resp: 51244
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 46.962 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011184.D

Acq: 29 Oct 2022 03:07

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-4

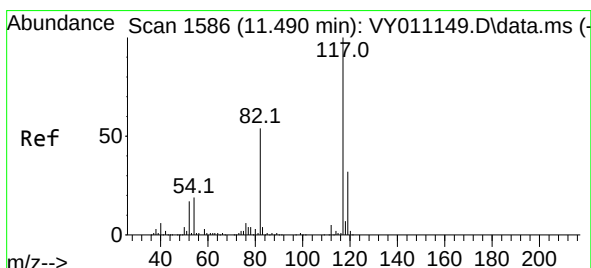
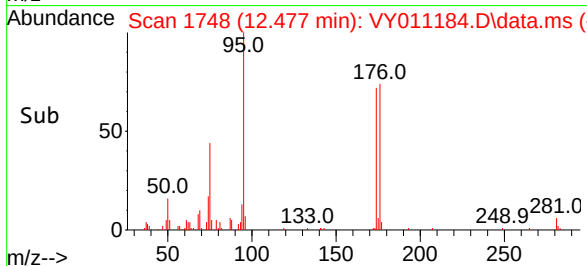
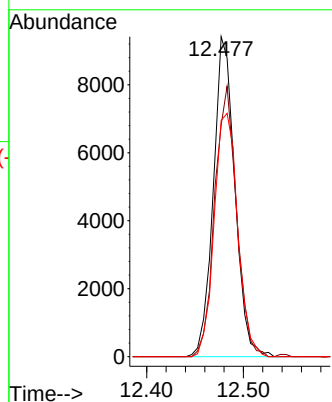
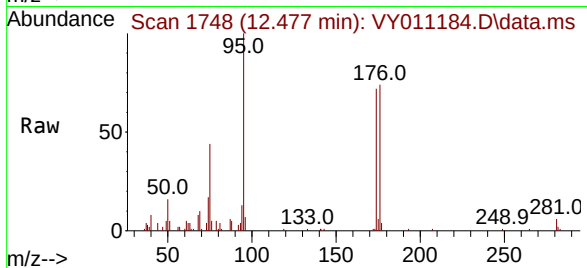
Tgt Ion: 95 Resp: 14533

Ion Ratio Lower Upper

95 100

174 85.8 0.0 177.0

176 83.0 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: VY011184.D

Acq: 29 Oct 2022 03:07

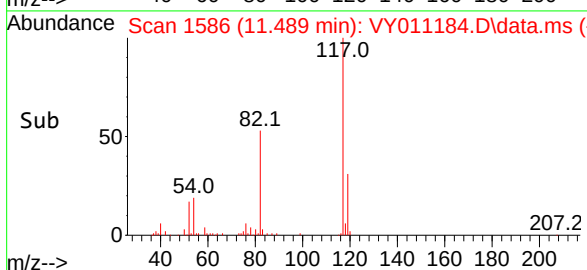
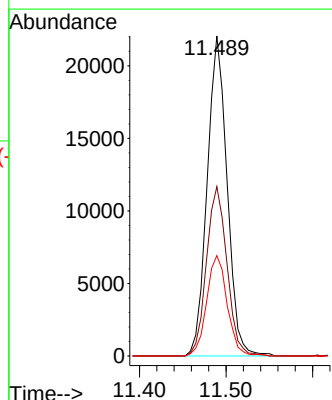
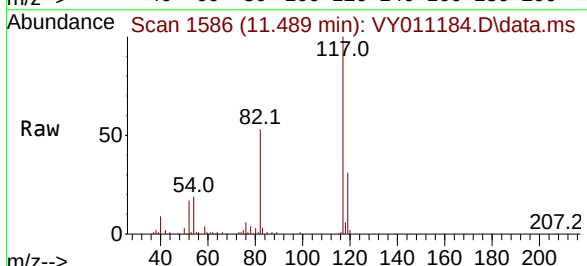
Tgt Ion: 117 Resp: 35266

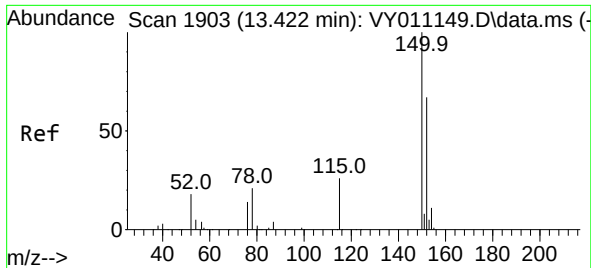
Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.3 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: VY011184.D

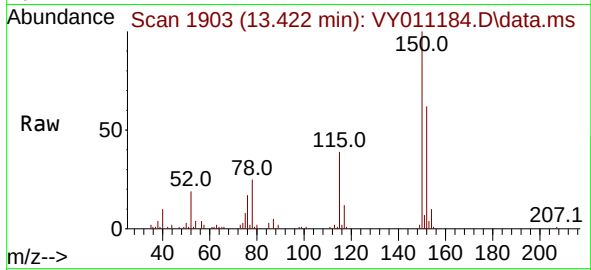
Acq: 29 Oct 2022 03:07

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-4



Tgt Ion:152 Resp: 13094

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 161.8 0.0 347.6

