

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009944.D
 Acq On : 10 Aug 2022 02:29
 Operator : KP/MD
 Sample : N4017-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06

Quant Time: Aug 10 08:13:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	44256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	19782	58.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.709	113	19353	38.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.780%
50) Toluene-d8	10.172	98	69923	45.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.660%
62) 4-Bromofluorobenzene	12.477	95	22486	32.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.720%

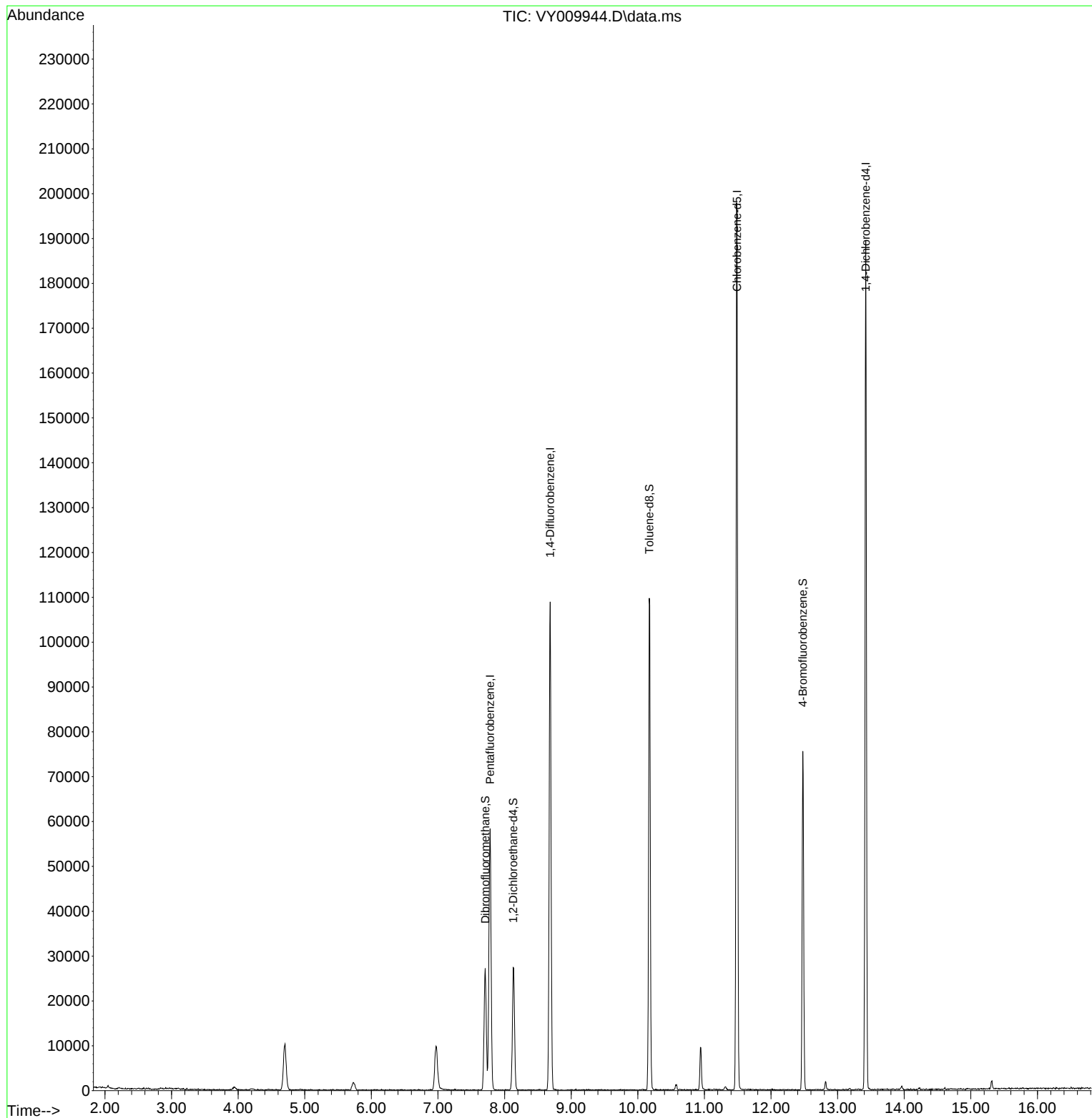
Target Compounds	Qvalue

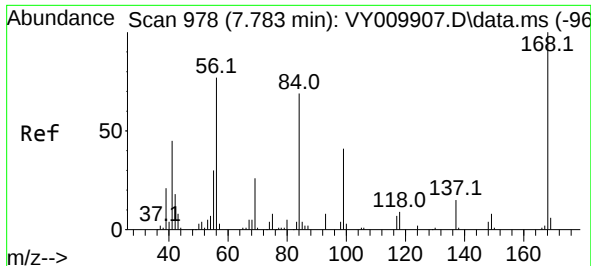
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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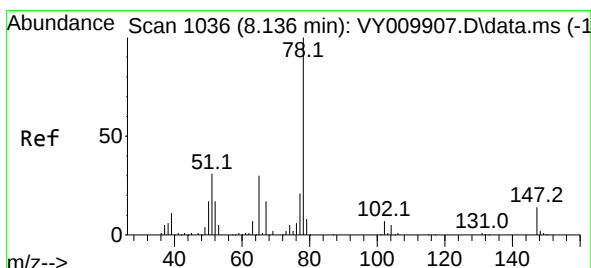
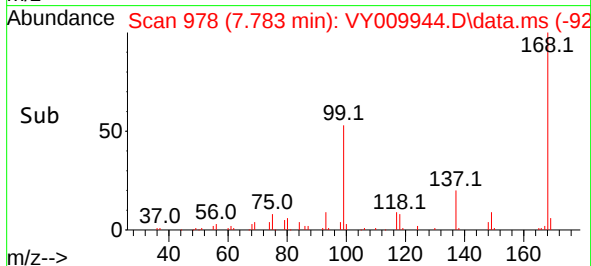
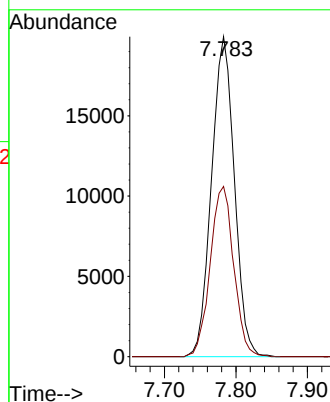
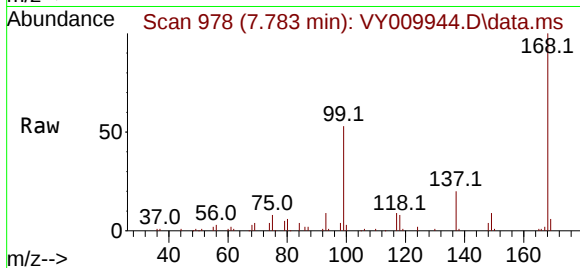




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

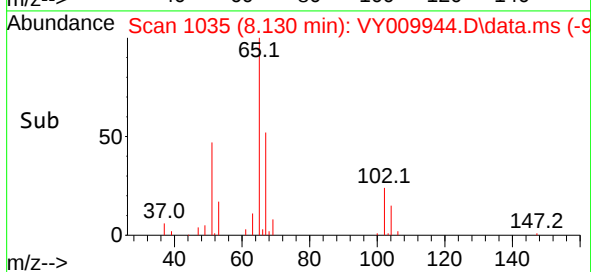
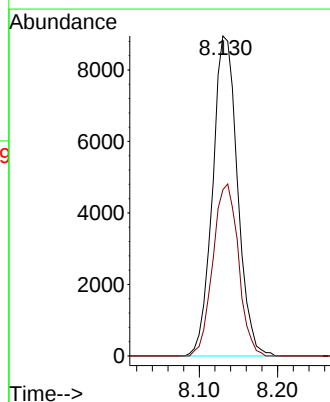
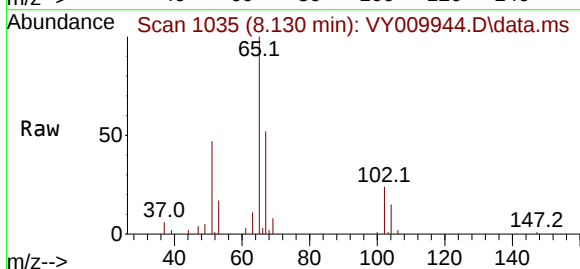
Instrument :
MSVOA_Y
ClientSampleId :
SB06

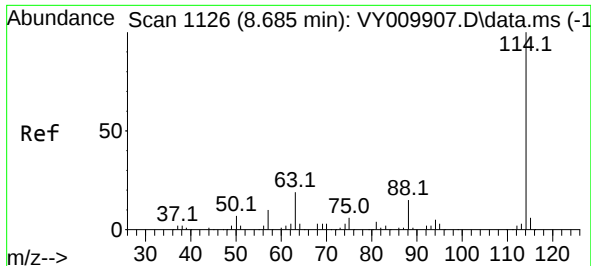
Tgt Ion:168 Resp: 44256
Ion Ratio Lower Upper
168 100
99 53.2 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 58.019 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion: 65 Resp: 19782
Ion Ratio Lower Upper
65 100
67 55.0 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: VY009944.D

Acq: 10 Aug 2022 02:29

Instrument :

MSVOA_Y

ClientSampleId :

SB06

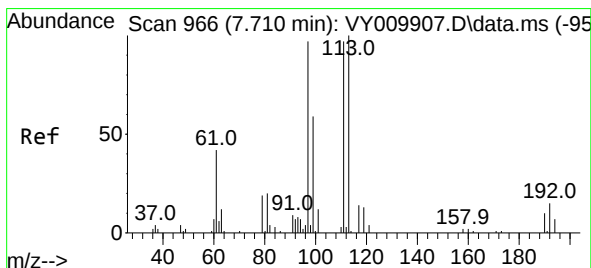
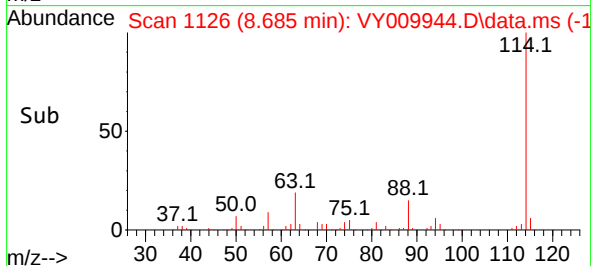
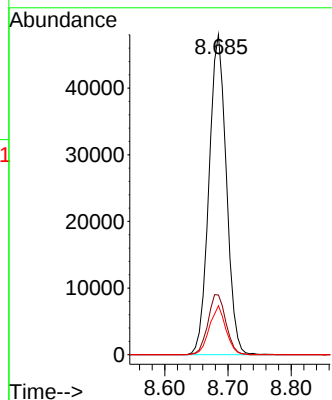
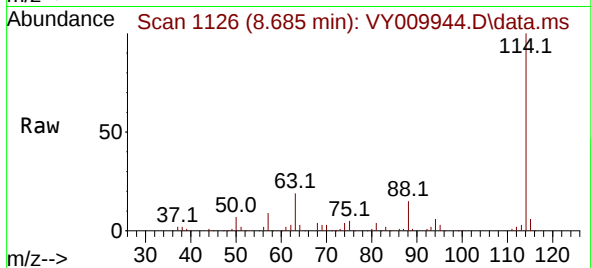
Tgt Ion:114 Resp: 91662

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 15.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 38.894 ug/l

RT: 7.709 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009944.D

Acq: 10 Aug 2022 02:29

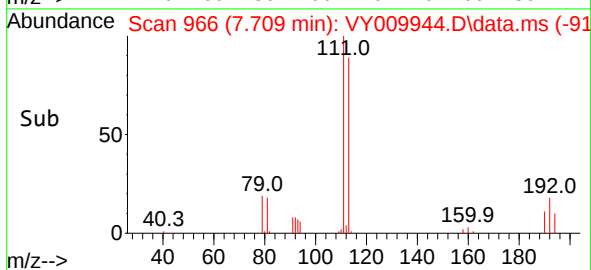
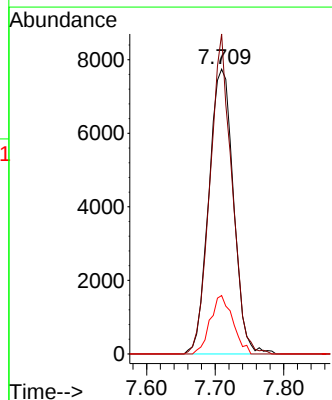
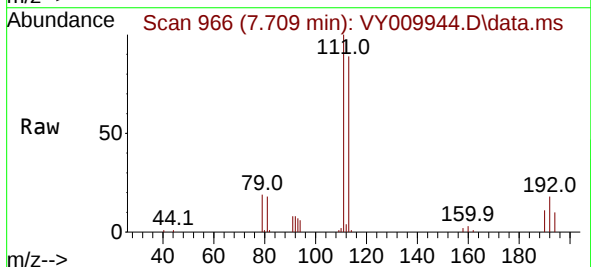
Tgt Ion:113 Resp: 19353

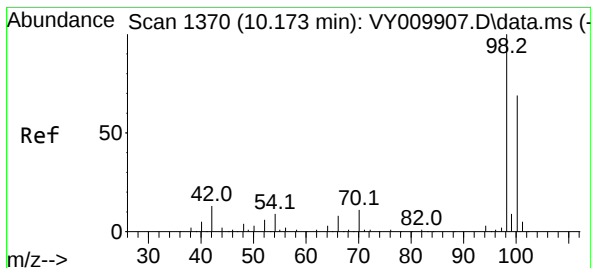
Ion Ratio Lower Upper

113 100

111 99.5 80.6 120.8

192 18.7 16.2 24.4





#50

Toluene-d8

Concen: 45.830 ug/l

RT: 10.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009944.D

Acq: 10 Aug 2022 02:29

Instrument :

MSVOA_Y

ClientSampleId :

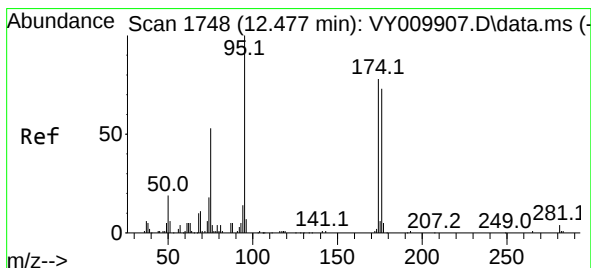
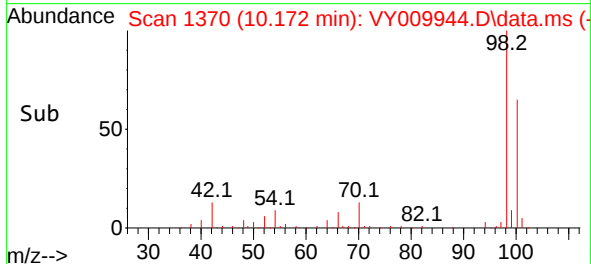
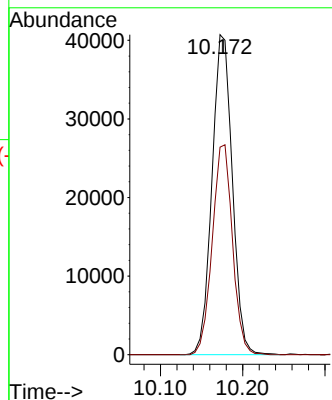
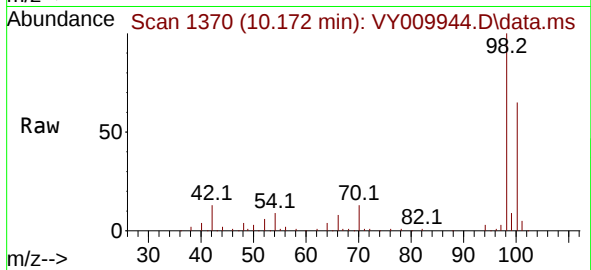
SB06

Tgt Ion: 98 Resp: 69923

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 32.365 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009944.D

Acq: 10 Aug 2022 02:29

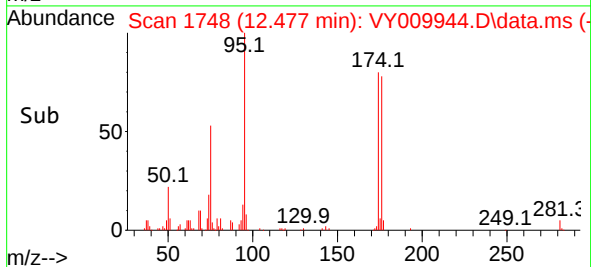
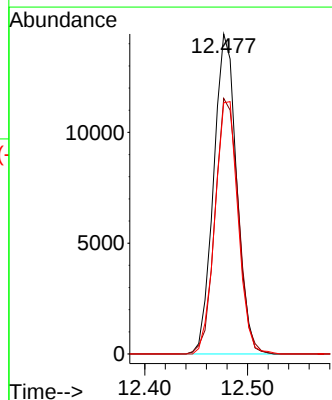
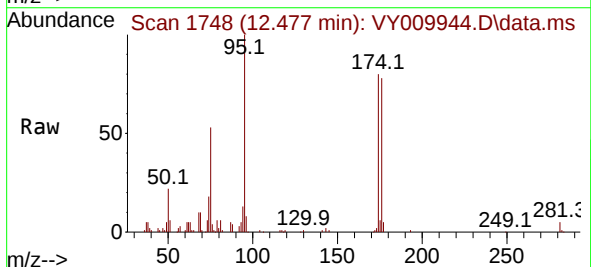
Tgt Ion: 95 Resp: 22486

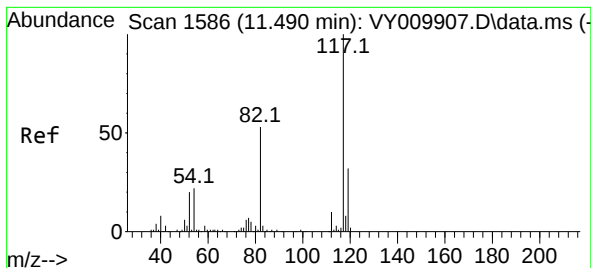
Ion Ratio Lower Upper

95 100

174 81.0 0.0 173.8

176 79.1 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009944.D

Acq: 10 Aug 2022 02:29

Instrument :

MSVOA_Y

ClientSampleId :

SB06

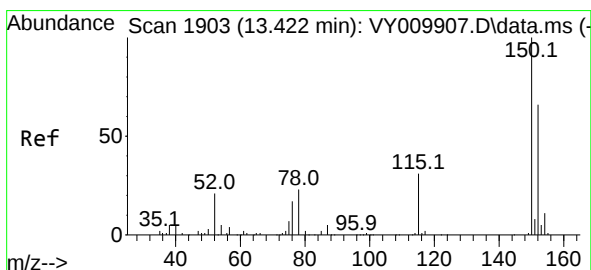
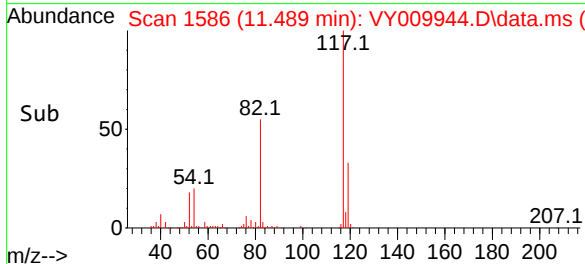
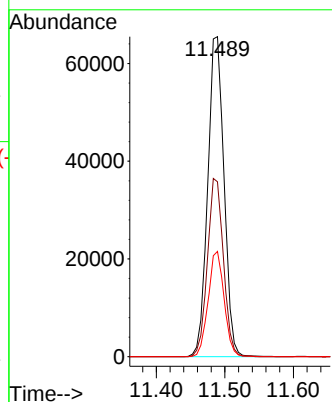
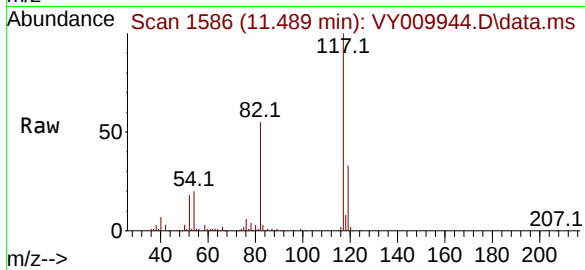
Tgt Ion:117 Resp: 108272

Ion Ratio Lower Upper

117 100

82 54.7 41.8 62.6

119 32.9 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: VY009944.D

Acq: 10 Aug 2022 02:29

Tgt Ion:152 Resp: 46333

Ion Ratio Lower Upper

152 100

115 57.6 28.6 85.9

150 158.8 0.0 349.8

