

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011119.D
 Acq On : 26 Oct 2022 16:20
 Operator : KP/MD
 Sample : N5281-08
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Quant Time: Oct 27 04:39:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	337661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	600828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	536075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	243225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130971	42.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.220%
35) Dibromofluoromethane	7.710	113	142150	42.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.200%
50) Toluene-d8	10.179	98	459899	36.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.320%
62) 4-Bromofluorobenzene	12.477	95	166391	36.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.240%

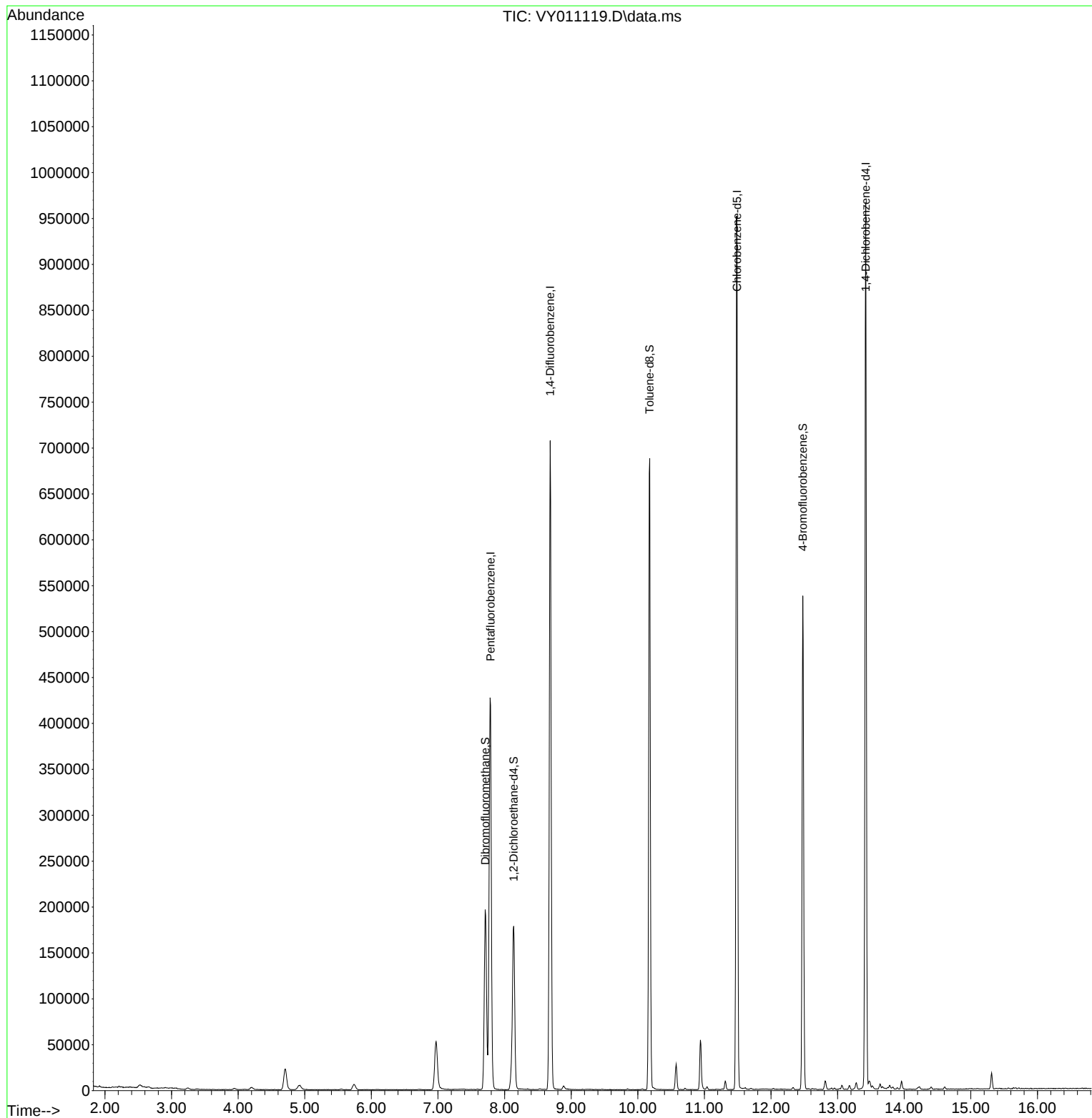
Target Compounds	Qvalue

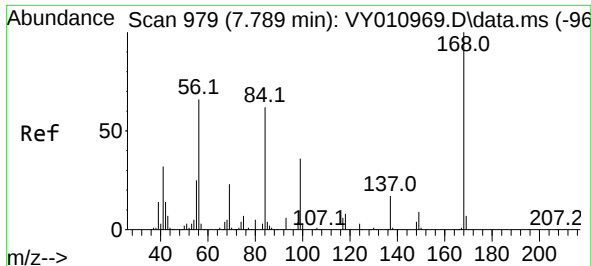
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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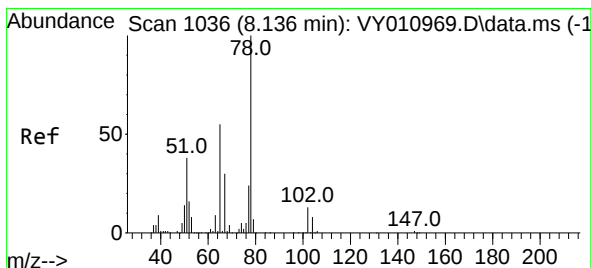
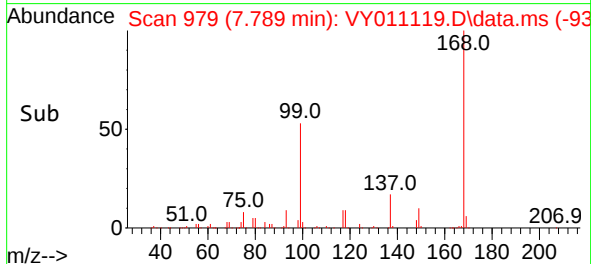
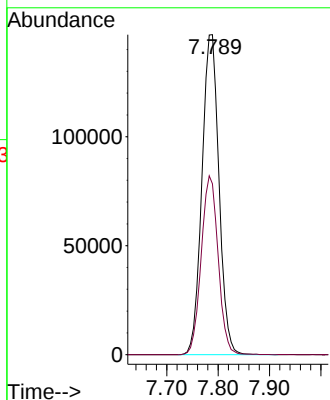
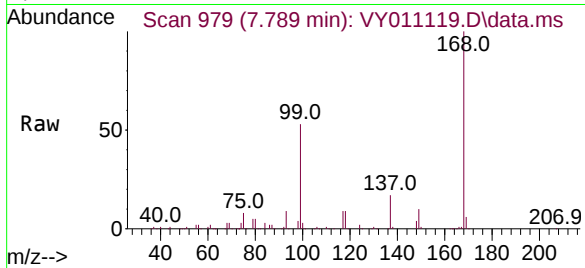




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

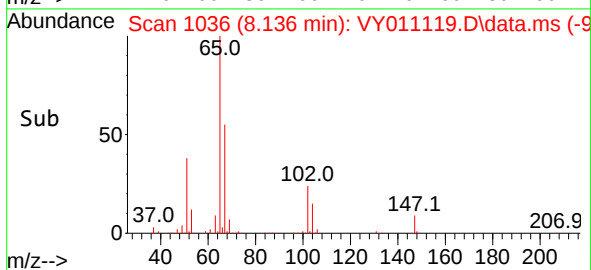
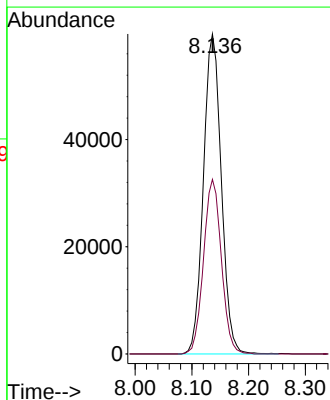
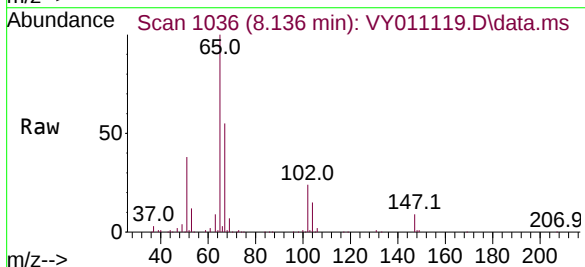
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

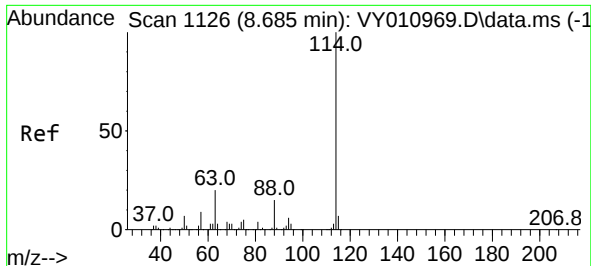
Tgt Ion:168 Resp: 337661
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.108 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Tgt Ion: 65 Resp: 130971
Ion Ratio Lower Upper
65 100
67 54.4 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: VY011119.D

Acq: 26 Oct 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-8

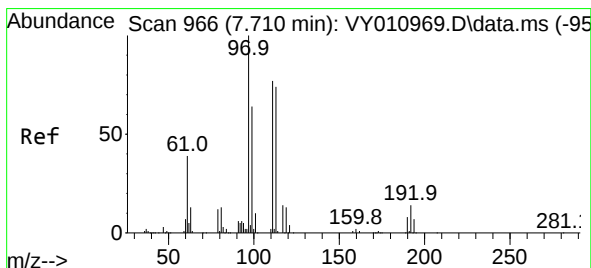
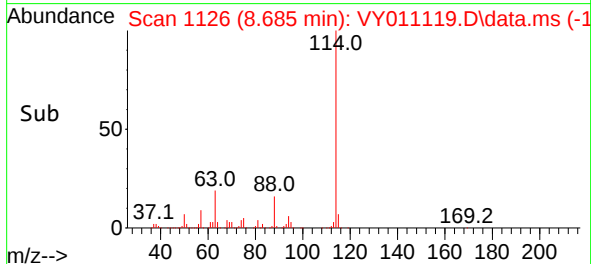
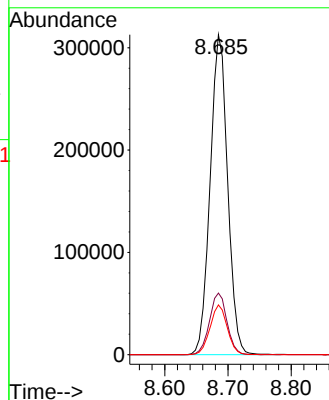
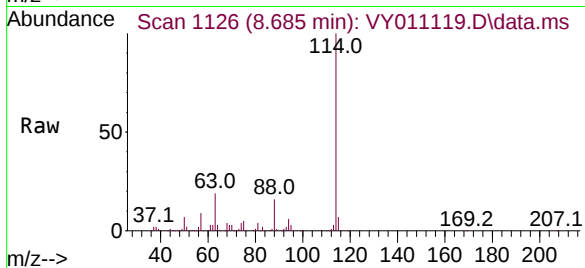
Tgt Ion:114 Resp: 600828

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.103 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

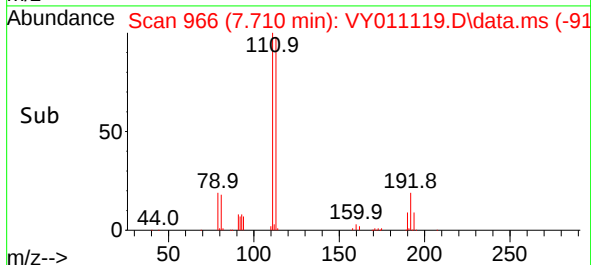
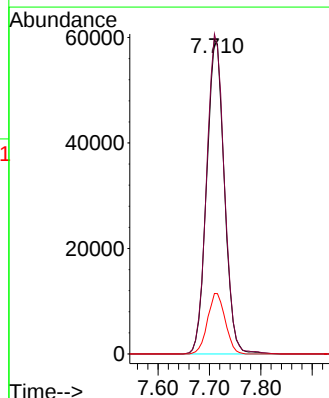
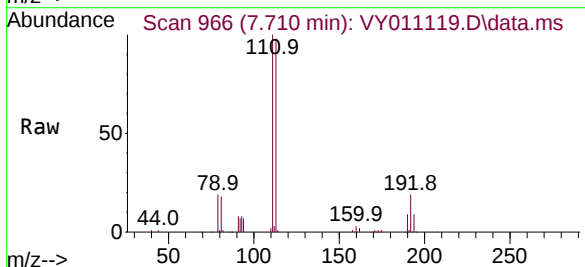
Tgt Ion:113 Resp: 142150

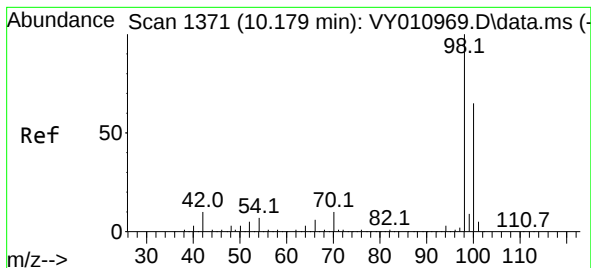
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.3 17.6 26.4





#50

Toluene-d8

Concen: 36.659 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

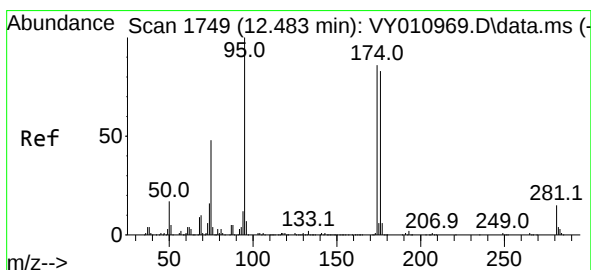
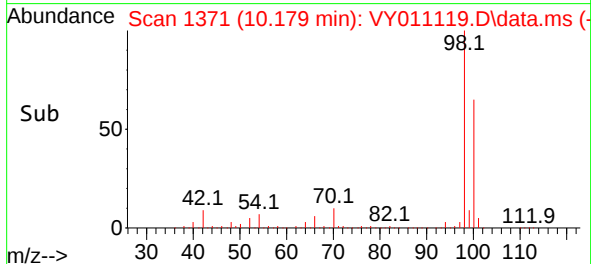
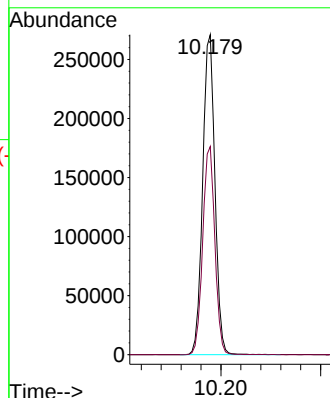
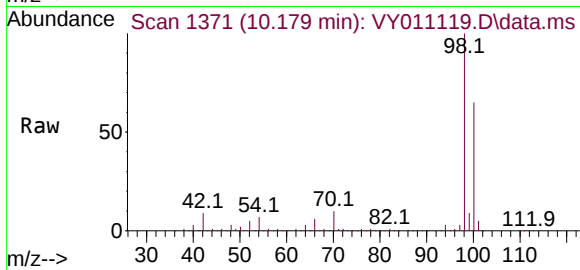
SB-8

Tgt Ion: 98 Resp: 459899

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.620 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

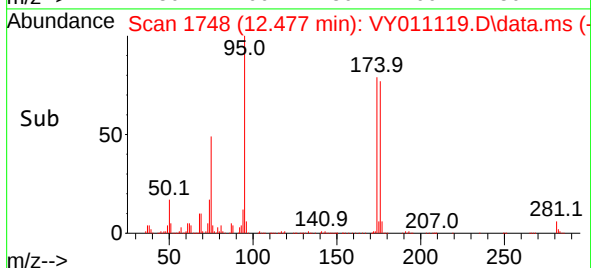
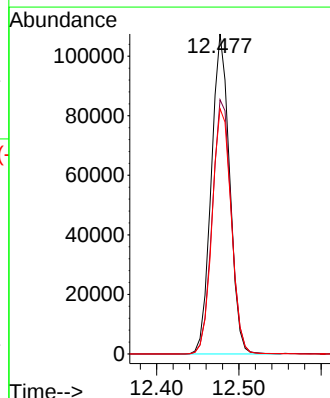
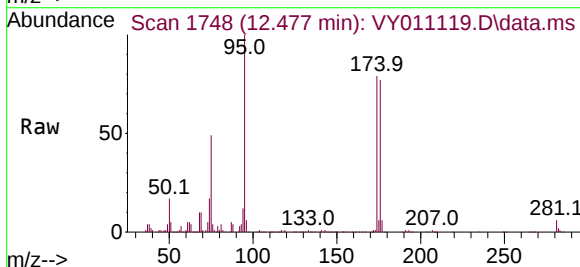
Tgt Ion: 95 Resp: 166391

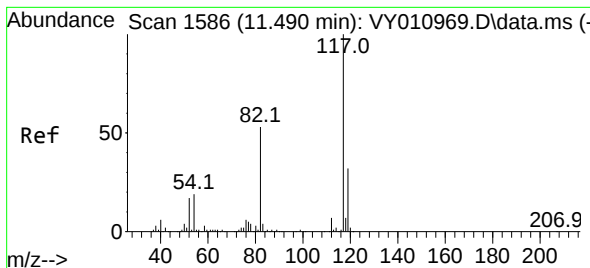
Ion Ratio Lower Upper

95 100

174 82.1 0.0 177.0

176 79.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-8

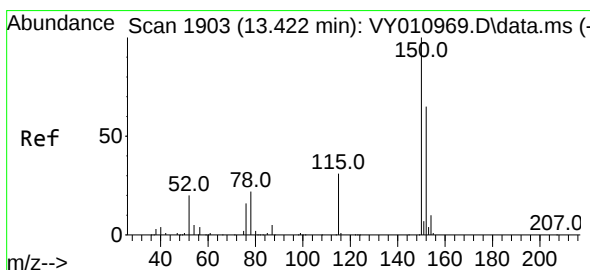
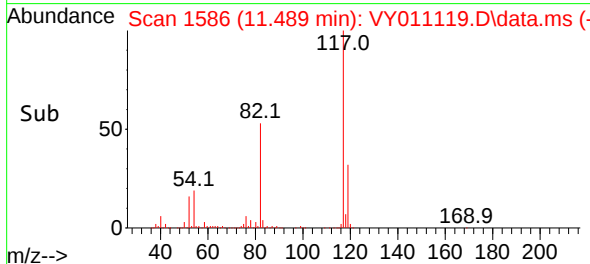
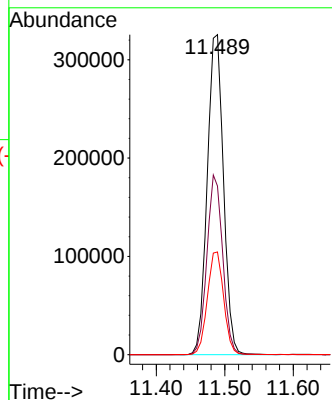
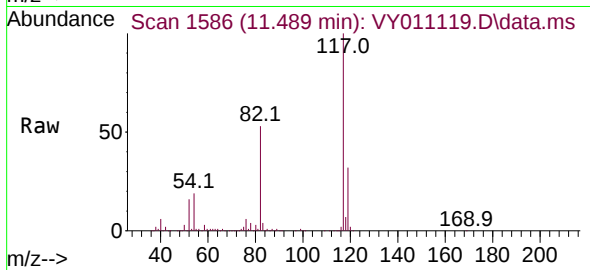
Tgt Ion:117 Resp: 536075

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 32.1 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: VY011119.D

Acq: 26 Oct 2022 16:20

Tgt Ion:152 Resp: 243225

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 157.4 0.0 347.6

