

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010682.D
 Acq On : 26 Sep 2022 19:29
 Operator : KP/MD
 Sample : N4780-31
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4

Quant Time: Sep 27 06:28:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155094	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109908	56.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.240%
35) Dibromofluoromethane	7.716	113	109524	49.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.179	98	366840	44.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.860%
62) 4-Bromofluorobenzene	12.483	95	128881	41.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.540%

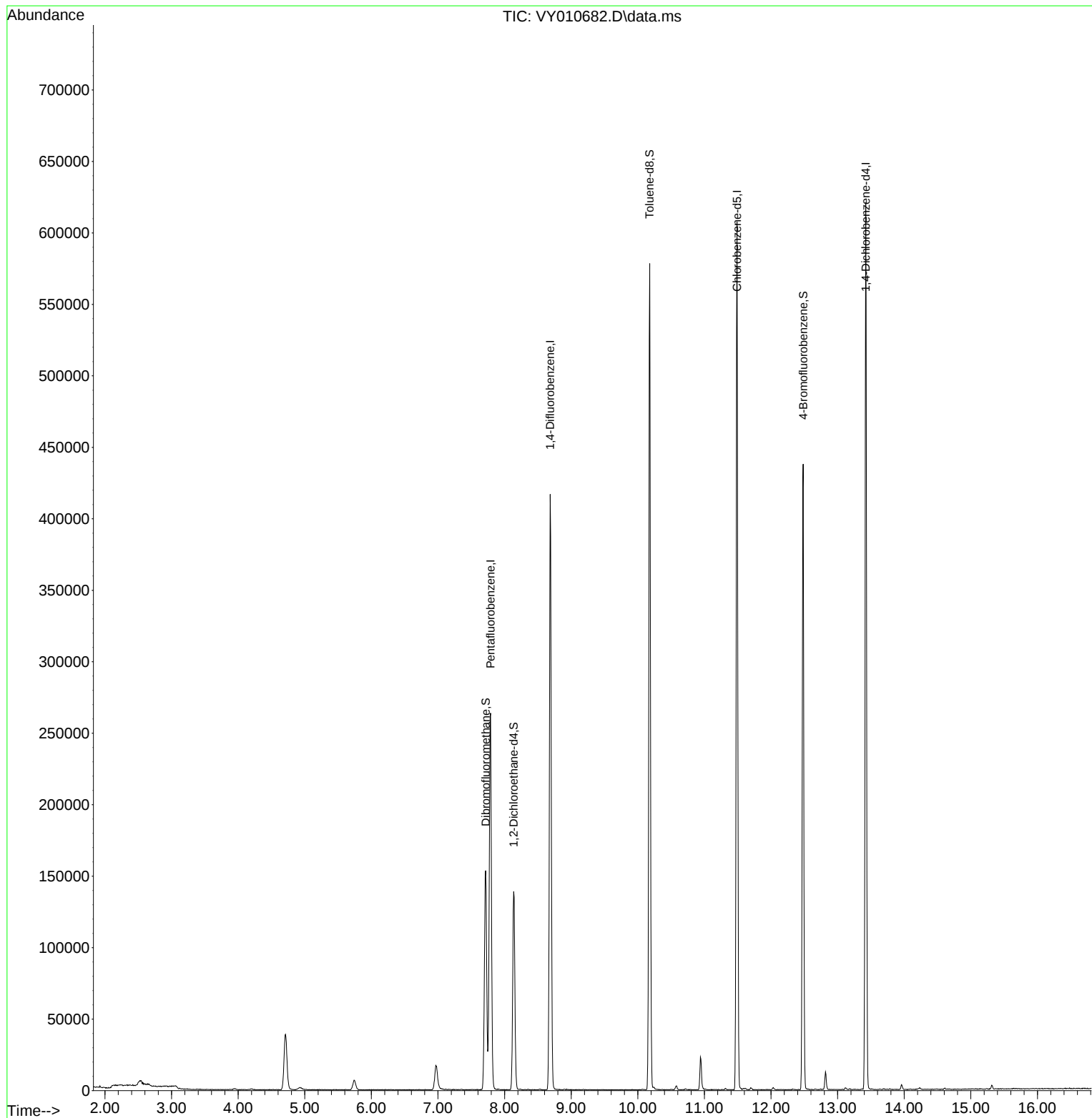
Target Compounds	Qvalue

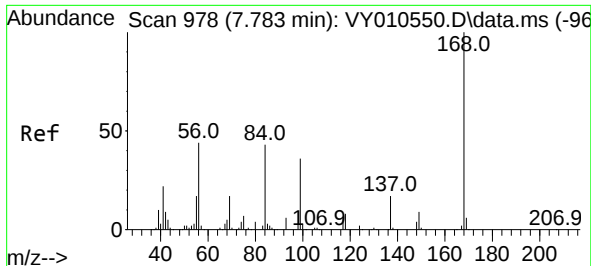
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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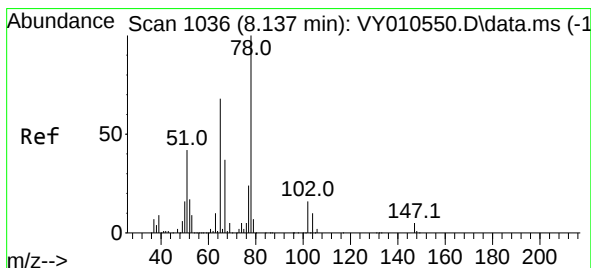
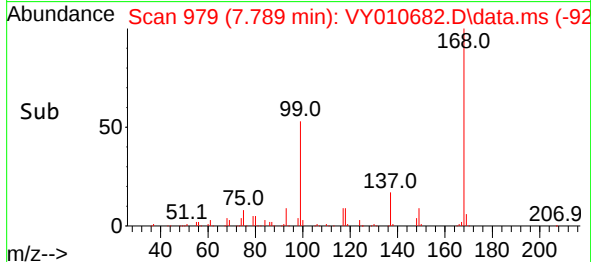
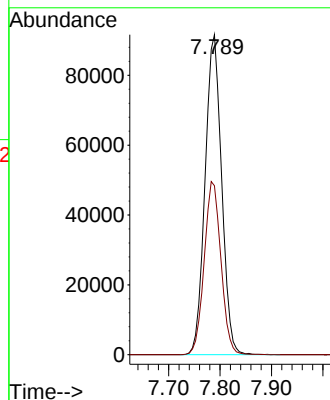
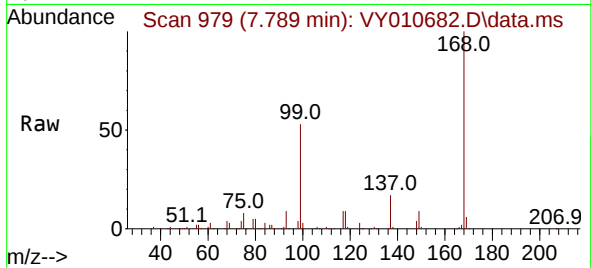




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010682.D
Acq: 26 Sep 2022 19:29

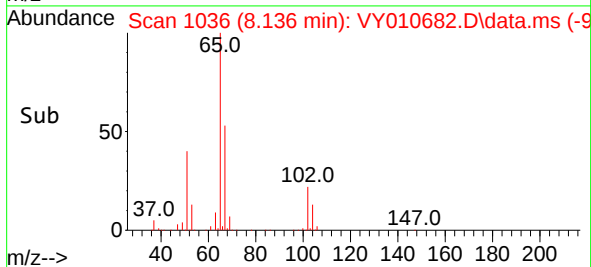
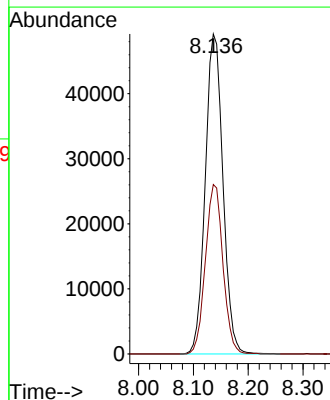
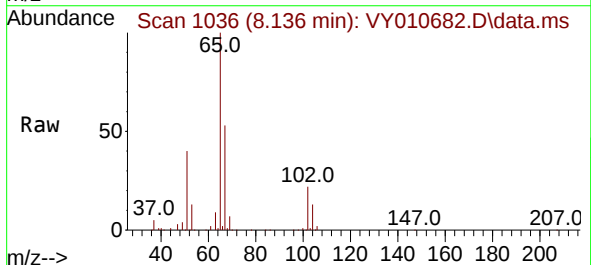
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

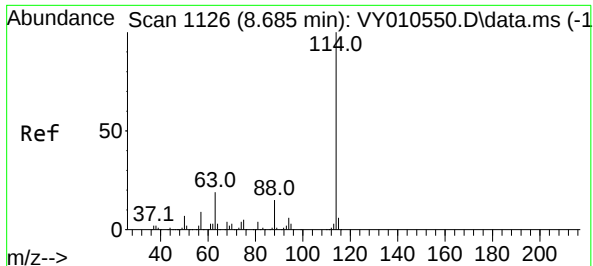
Tgt Ion:168 Resp: 204744
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.123 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010682.D
Acq: 26 Sep 2022 19:29

Tgt Ion: 65 Resp: 109908
Ion Ratio Lower Upper
65 100
67 52.5 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: VY010682.D

Acq: 26 Sep 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

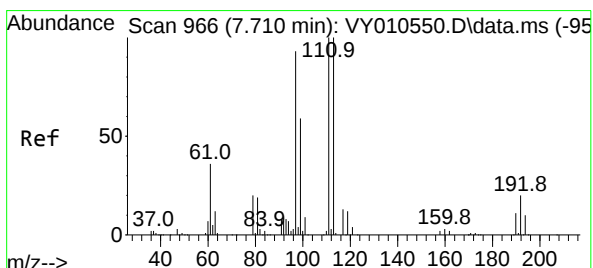
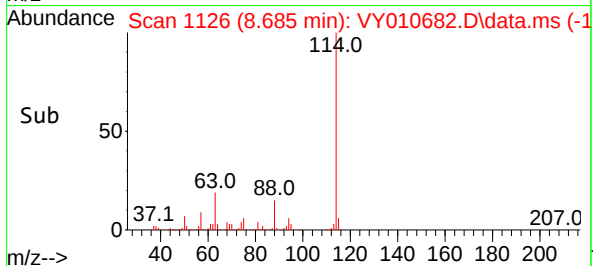
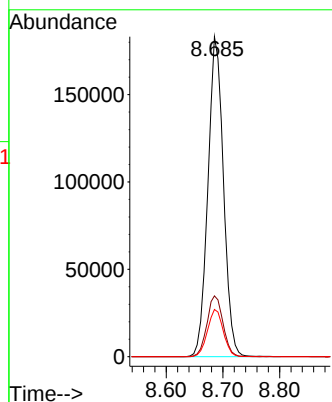
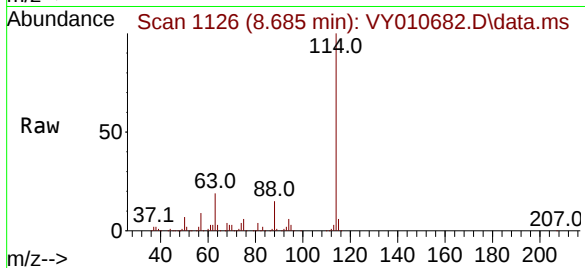
Tgt Ion:114 Resp: 348809

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.200 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010682.D

Acq: 26 Sep 2022 19:29

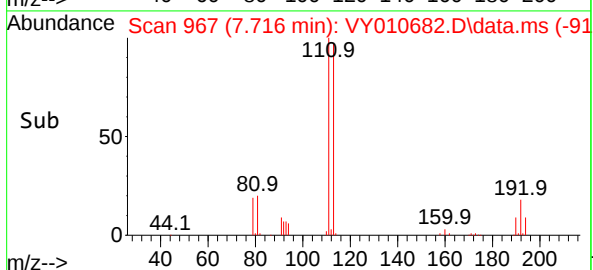
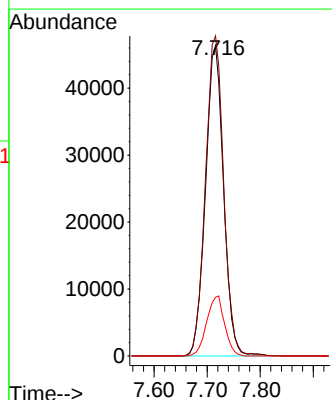
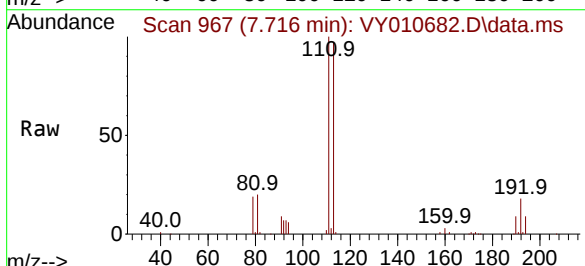
Tgt Ion:113 Resp: 109524

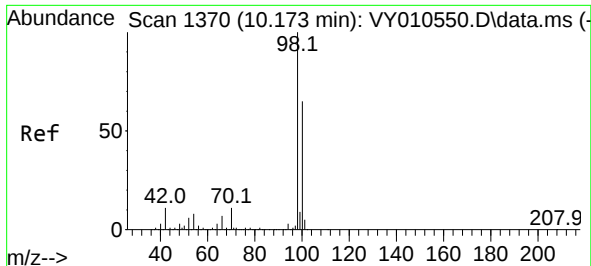
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.2 17.6 26.4

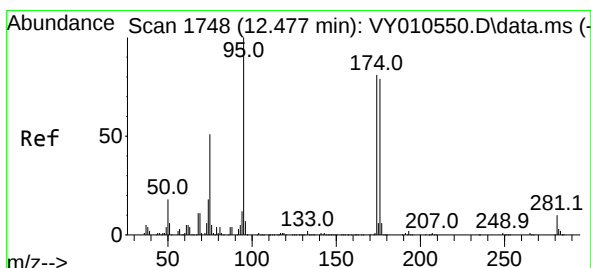
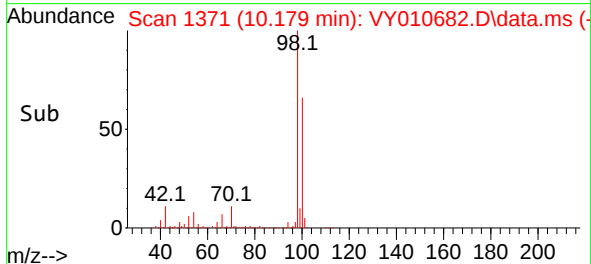
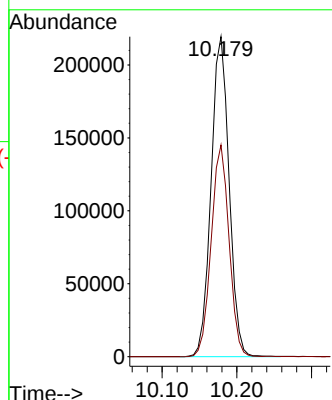
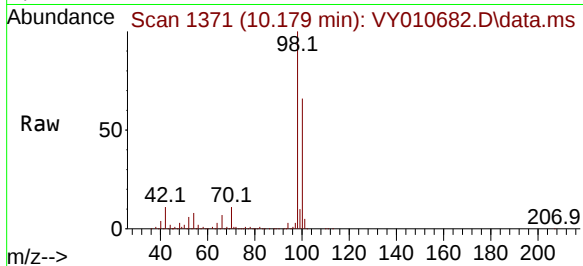




#50
Toluene-d8
Concen: 44.927 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010682.D
Acq: 26 Sep 2022 19:29

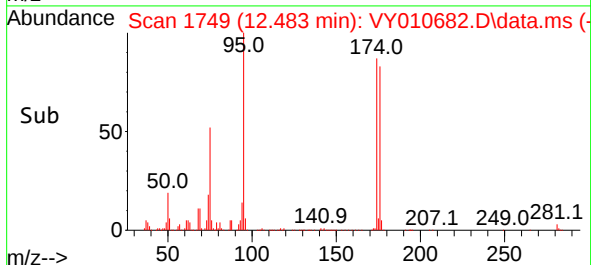
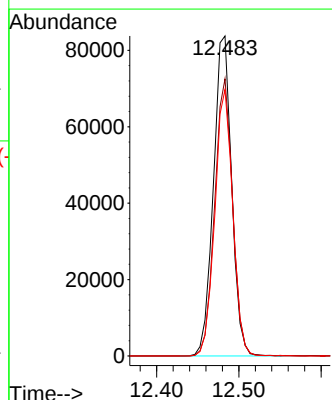
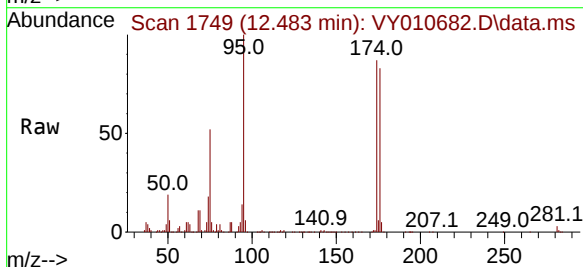
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

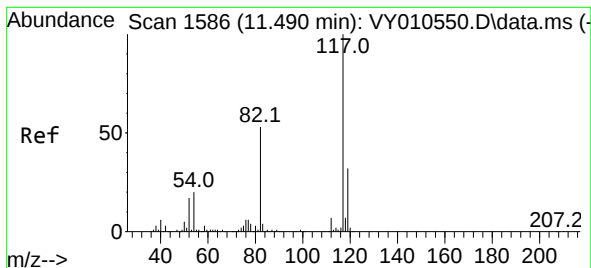
Tgt Ion: 98 Resp: 366840
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010682.D
Acq: 26 Sep 2022 19:29

Tgt Ion: 95 Resp: 128881
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.0 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: VY010682.D

Acq: 26 Sep 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

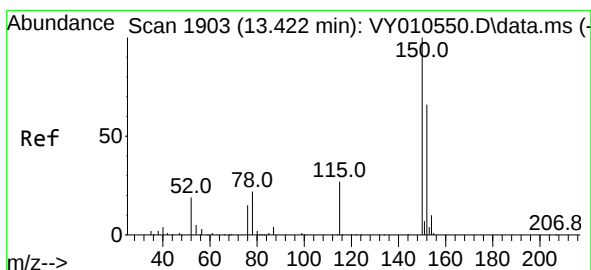
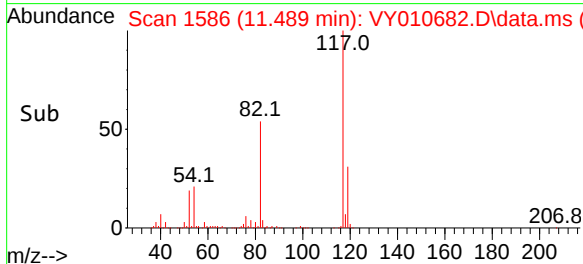
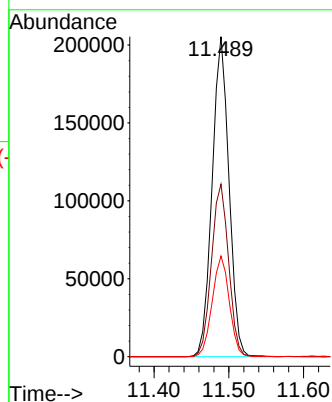
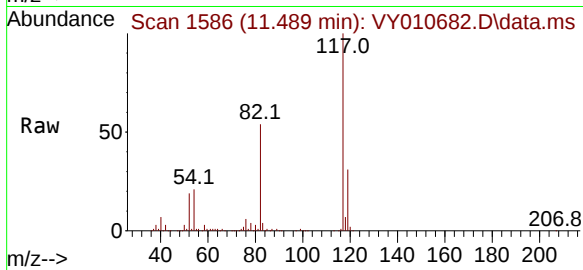
Tgt Ion:117 Resp: 321325

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 31.5 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: VY010682.D

Acq: 26 Sep 2022 19:29

Tgt Ion:152 Resp: 155094

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 155.8 0.0 347.6

