

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010680.D
 Acq On : 26 Sep 2022 18:43
 Operator : KP/MD
 Sample : N4780-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Sep 27 06:28:33 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	7.783	168	214417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109116	53.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.420%
35) Dibromofluoromethane	7.715	113	108391	46.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.178	98	369821	43.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.340%
62) 4-Bromofluorobenzene	12.483	95	133575	41.088	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.180%

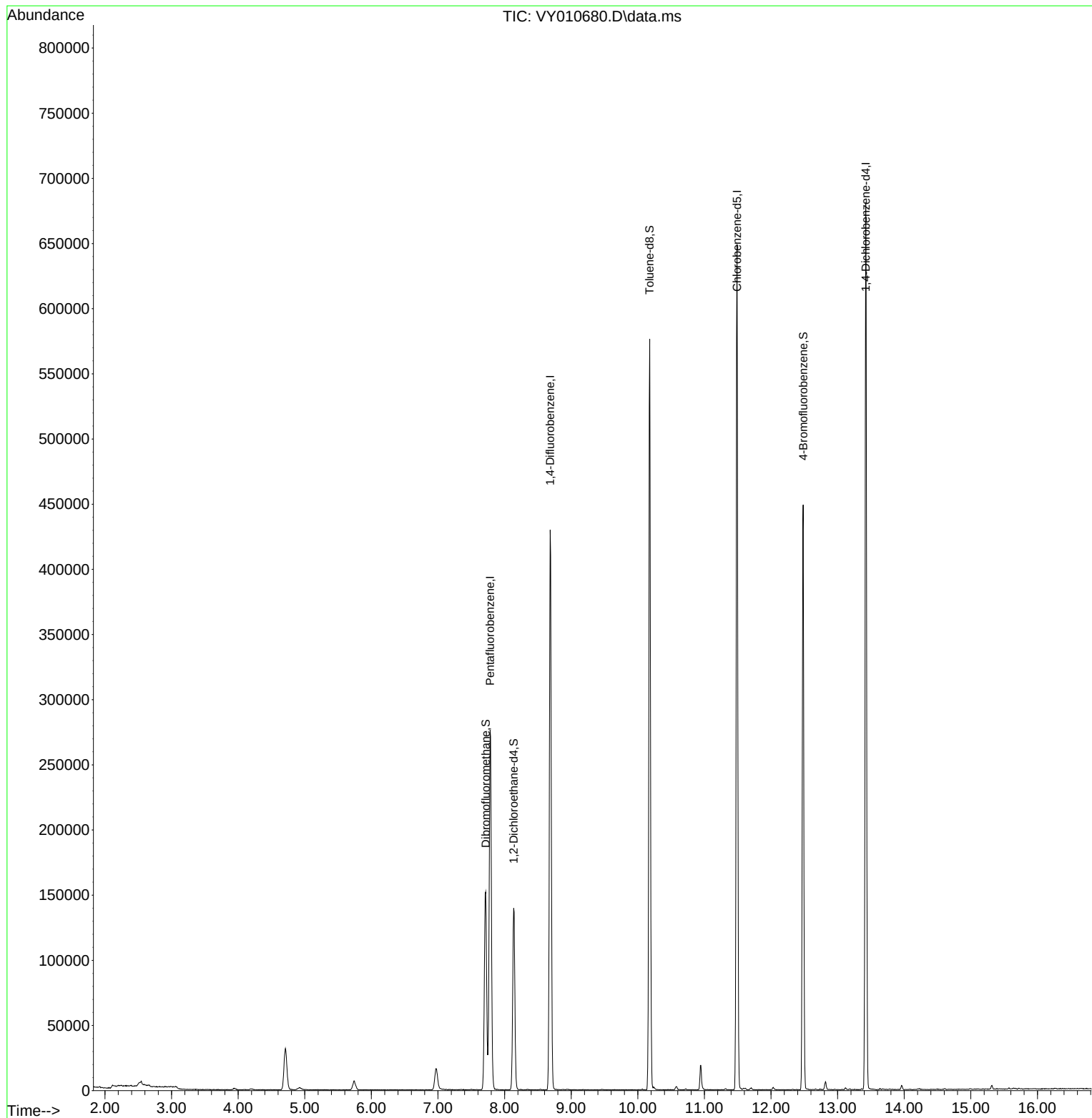
Target Compounds	Qvalue

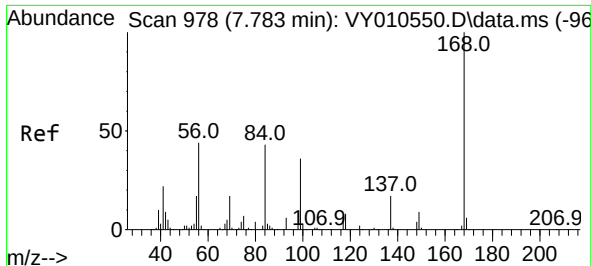
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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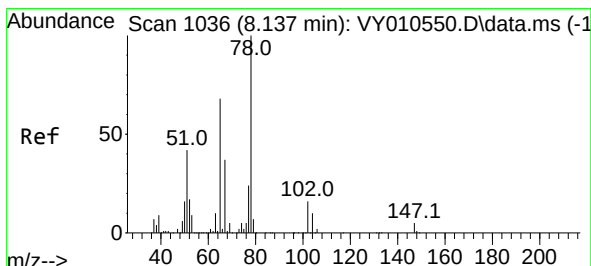
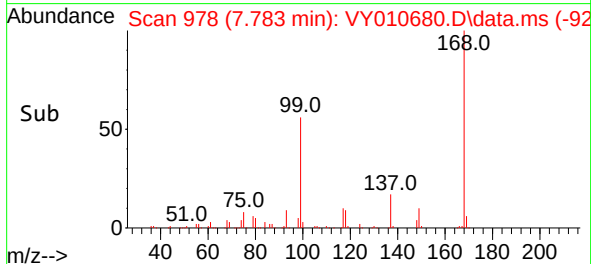
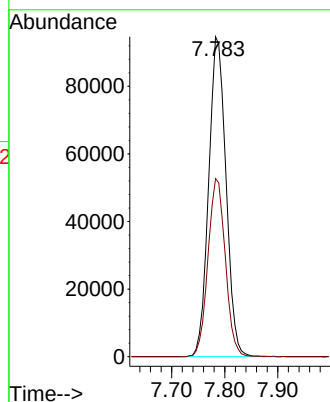
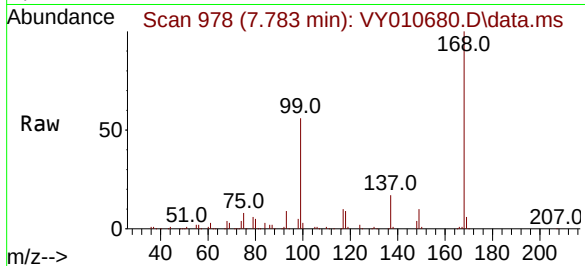




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010680.D
Acq: 26 Sep 2022 18:43

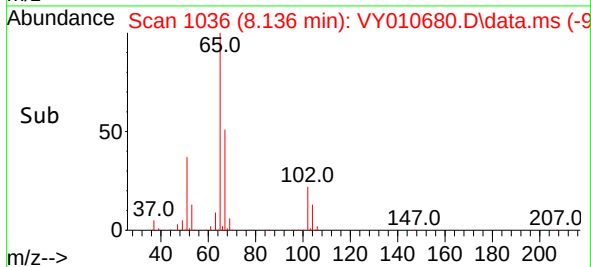
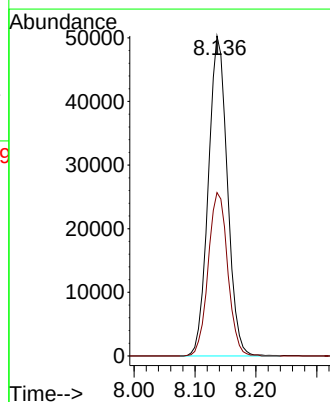
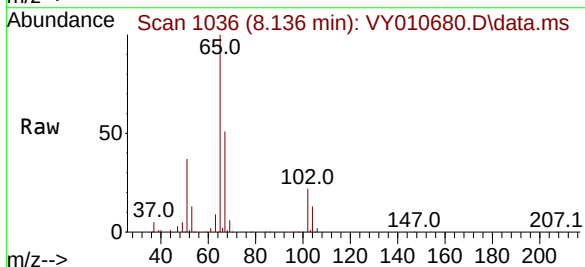
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

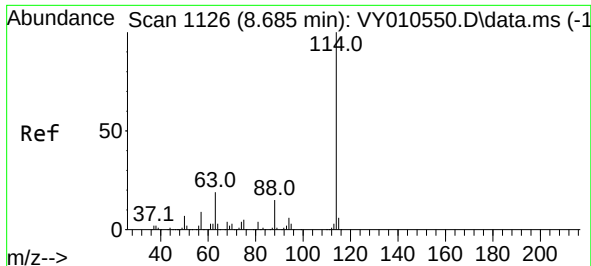
Tgt Ion:168 Resp: 214417
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.205 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010680.D
Acq: 26 Sep 2022 18:43

Tgt Ion: 65 Resp: 109116
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4

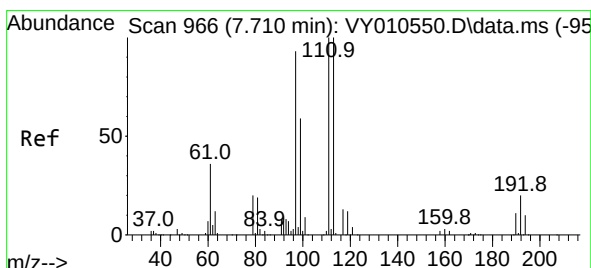
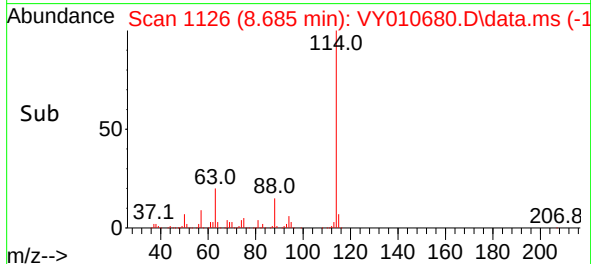
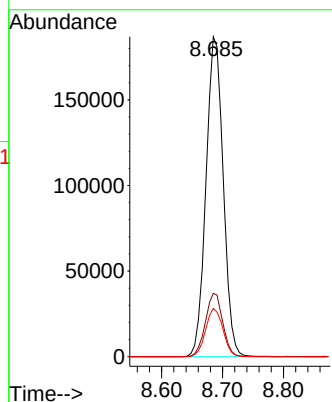
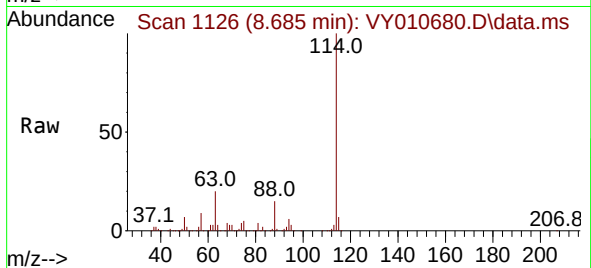




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010680.D
Acq: 26 Sep 2022 18:43

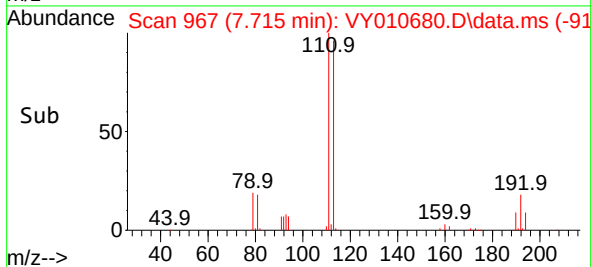
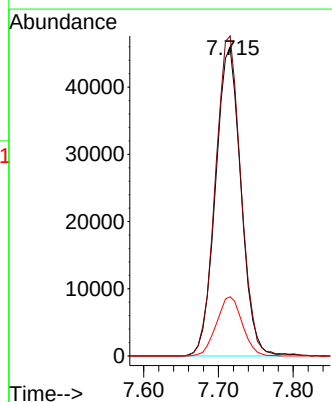
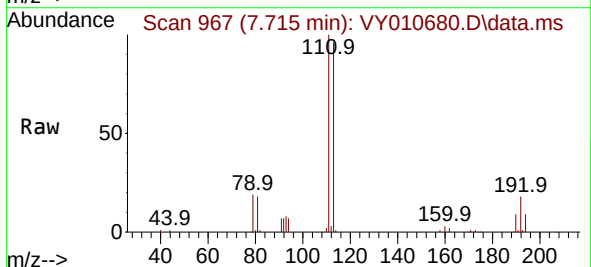
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

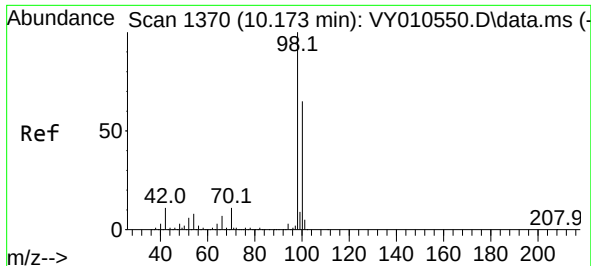
Tgt Ion:114 Resp: 367087
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.267 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.005 min
Lab File: VY010680.D
Acq: 26 Sep 2022 18:43

Tgt Ion:113 Resp: 108391
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 19.5 17.6 26.4

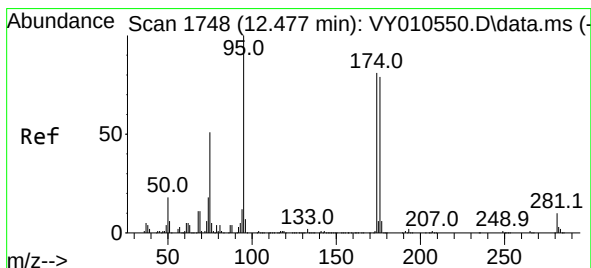
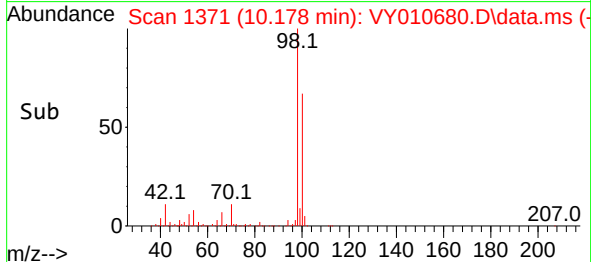
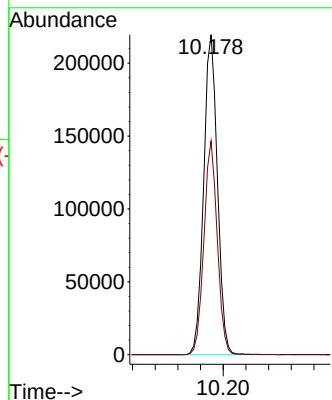
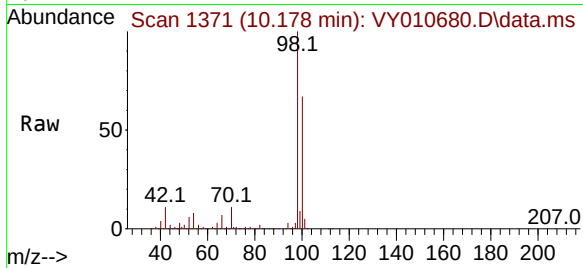




#50
Toluene-d8
Concen: 43.168 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010680.D
Acq: 26 Sep 2022 18:43

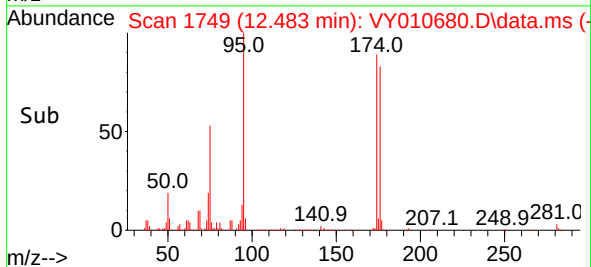
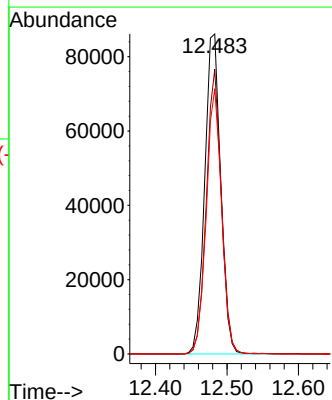
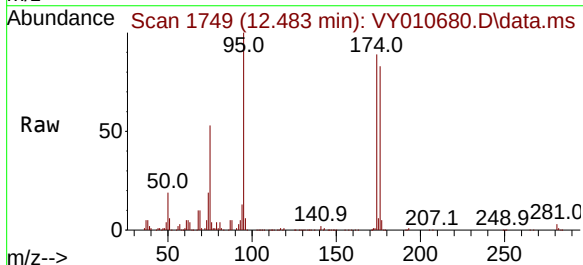
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

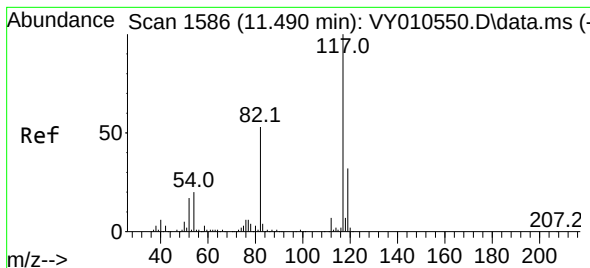
Tgt Ion: 98 Resp: 369821
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010680.D
Acq: 26 Sep 2022 18:43

Tgt Ion: 95 Resp: 133575
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 79.7 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: VY010680.D

Acq: 26 Sep 2022 18:43

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

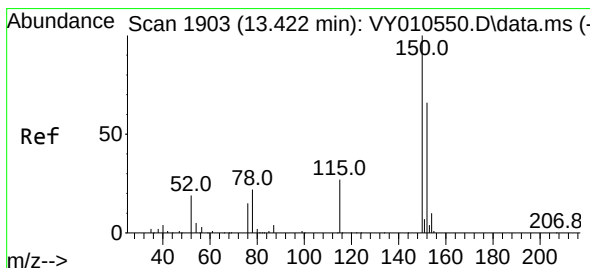
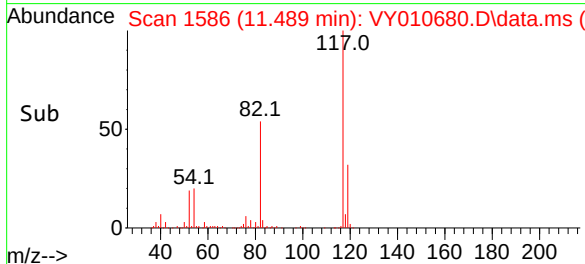
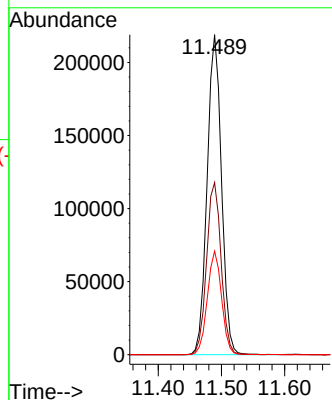
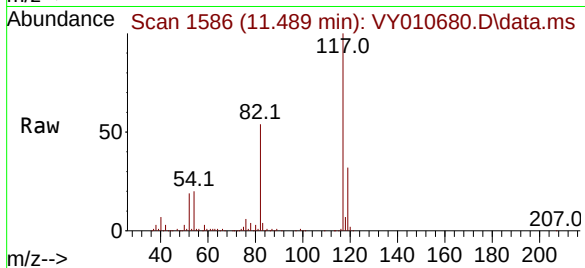
Tgt Ion:117 Resp: 346084

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 32.4 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: VY010680.D

Acq: 26 Sep 2022 18:43

Tgt Ion:152 Resp: 171499

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 158.4 0.0 347.6

