

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010212.D
 Acq On : 25 Aug 2022 18:40
 Operator : KP/MD
 Sample : N4352-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11985

Quant Time: Aug 26 06:48:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	143729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81781	69.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.000%
35) Dibromofluoromethane	7.710	113	75309	42.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.200%
50) Toluene-d8	10.179	98	277508	44.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.477	95	85788	36.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	72.140%

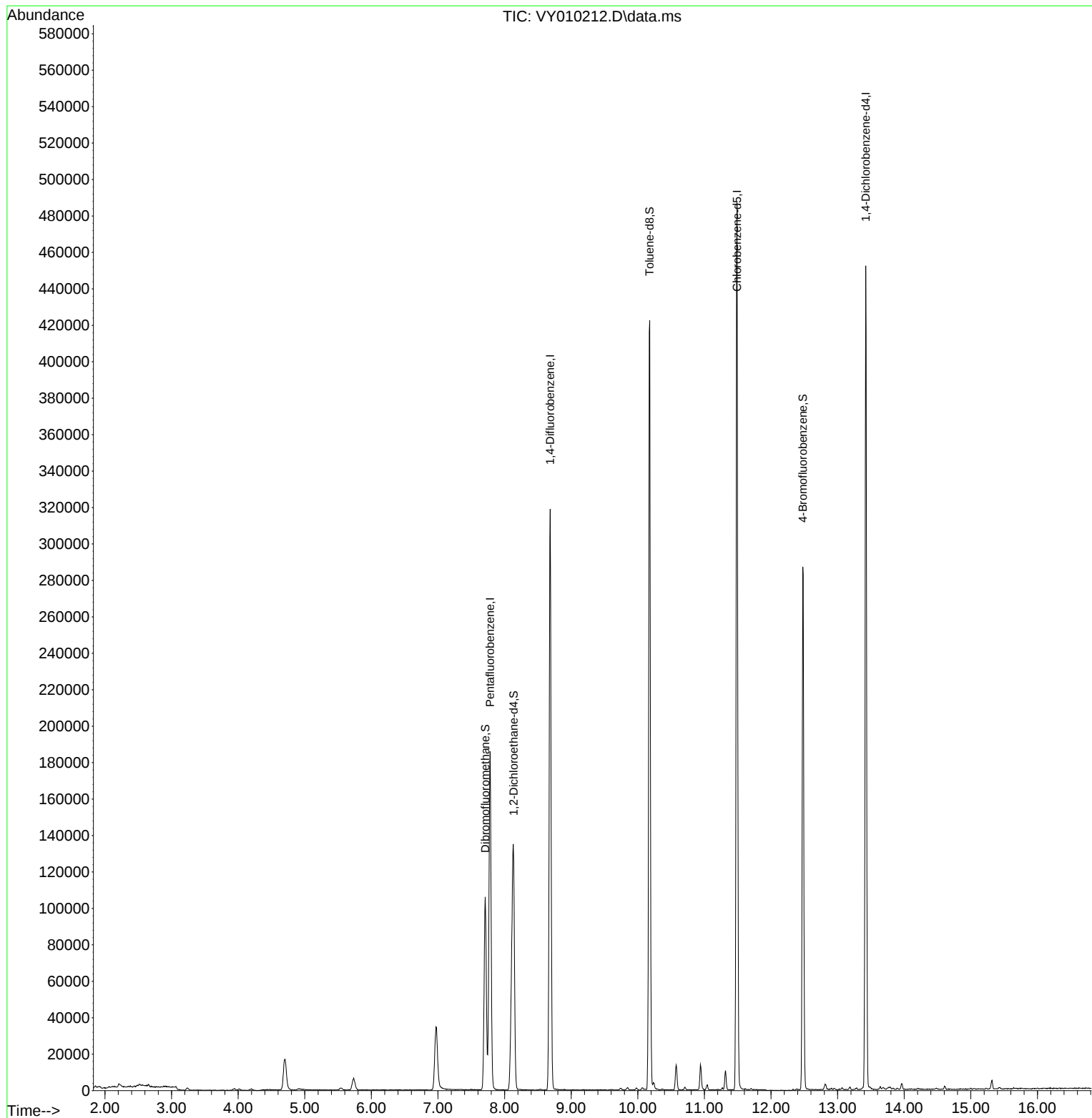
Target Compounds	Qvalue

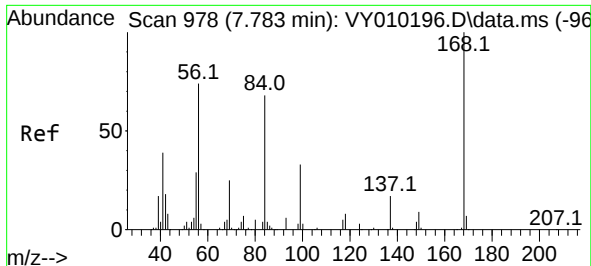
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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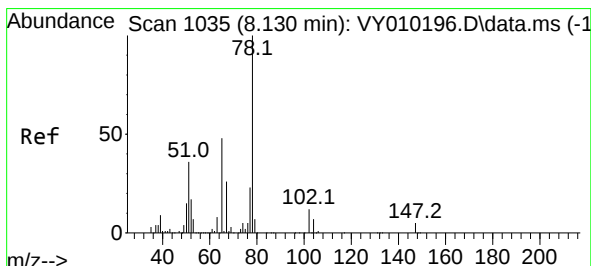
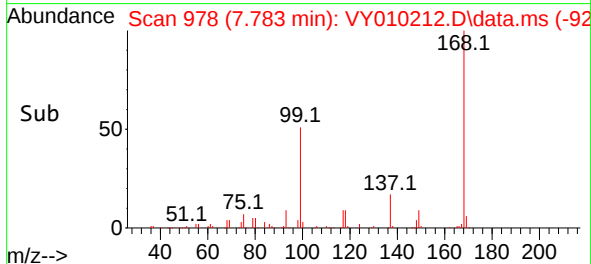
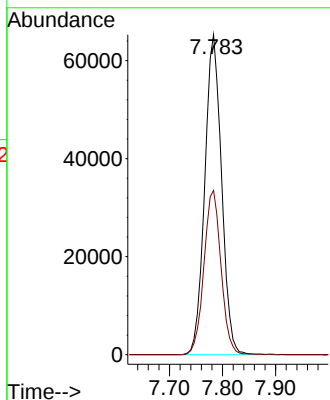
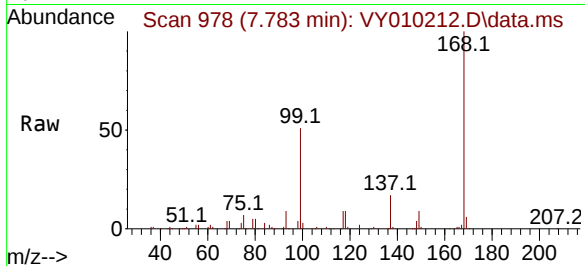




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010212.D
Acq: 25 Aug 2022 18:40

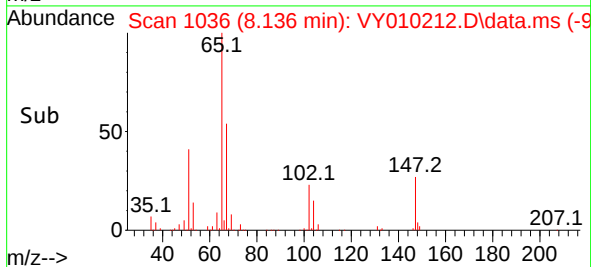
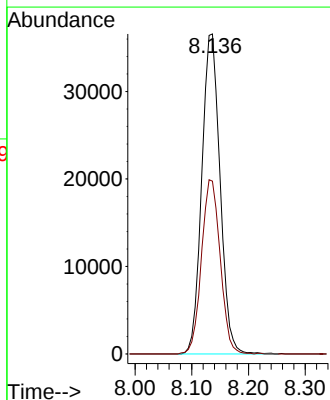
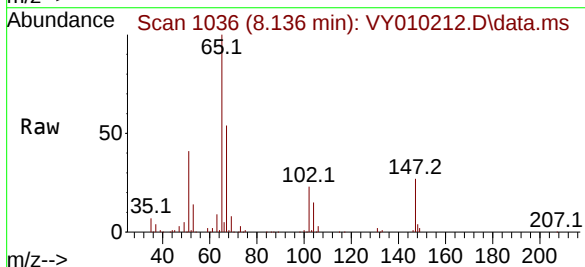
Instrument :
MSVOA_Y
ClientSampleId :
11985

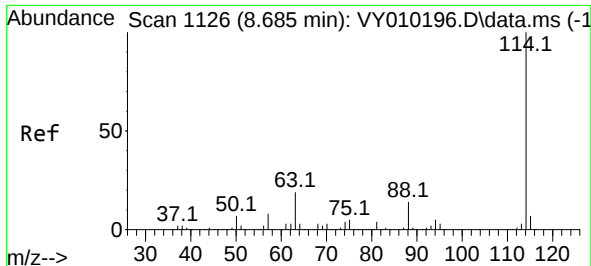
Tgt Ion:168 Resp: 143729
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.002 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010212.D
Acq: 25 Aug 2022 18:40

Tgt Ion: 65 Resp: 81781
Ion Ratio Lower Upper
65 100
67 55.7 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: VY010212.D

Acq: 25 Aug 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

11985

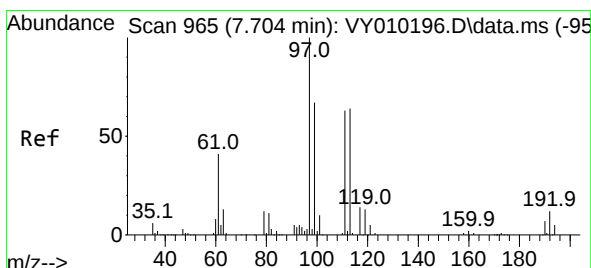
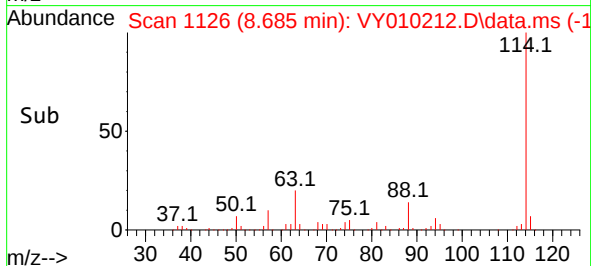
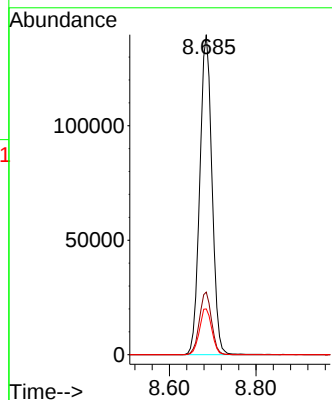
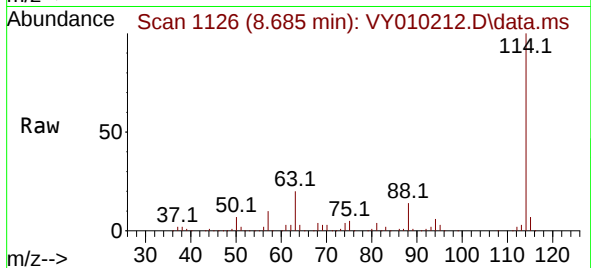
Tgt Ion:114 Resp: 272815

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.102 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY010212.D

Acq: 25 Aug 2022 18:40

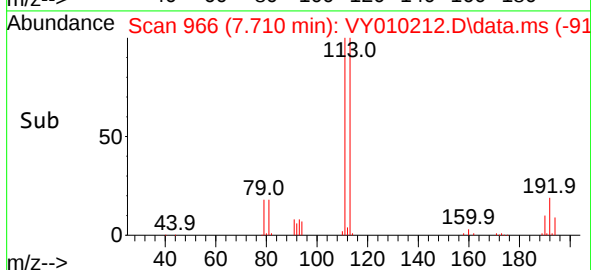
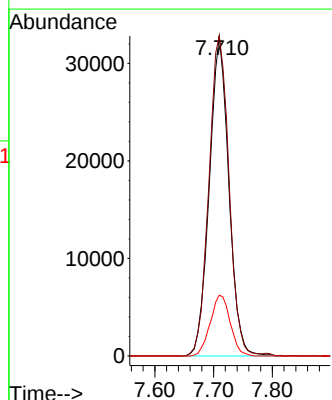
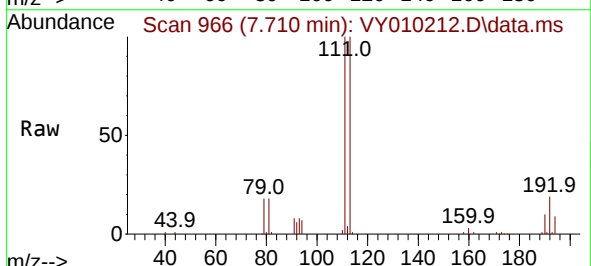
Tgt Ion:113 Resp: 75309

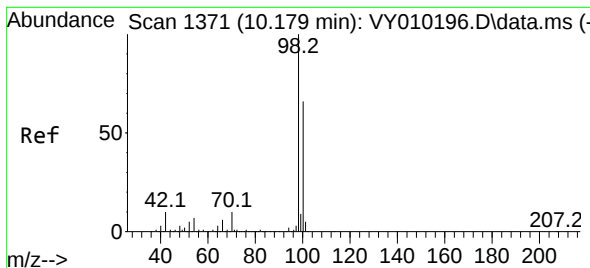
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.6 17.6 26.4

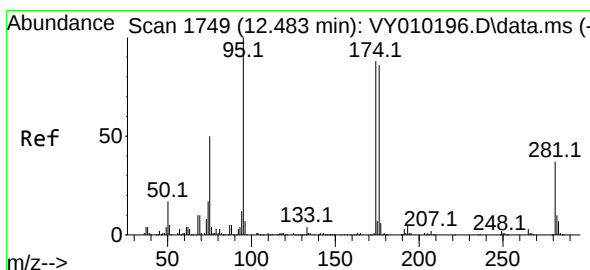
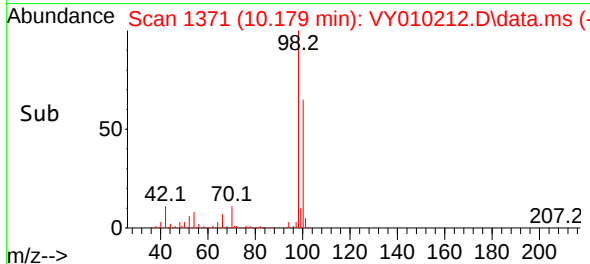
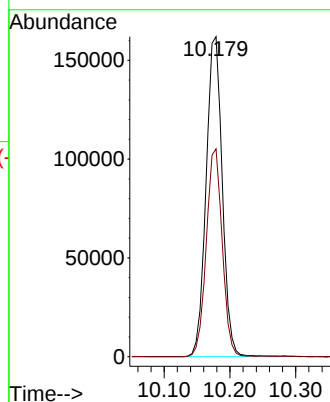
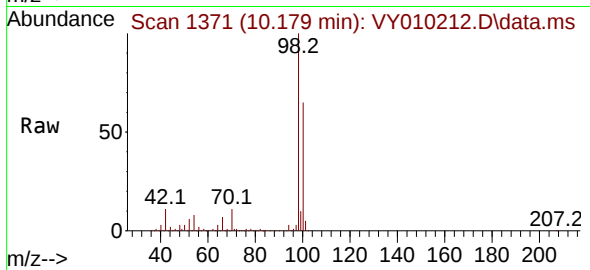




#50
Toluene-d8
Concen: 44.706 ug/l
RT: 10.179 min Scan# 11985
Delta R.T. -0.000 min
Lab File: VY010212.D
Acq: 25 Aug 2022 18:40

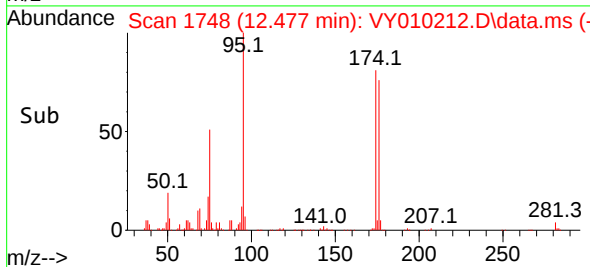
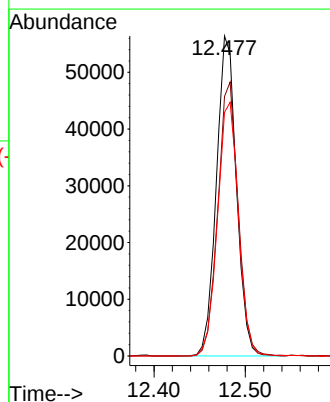
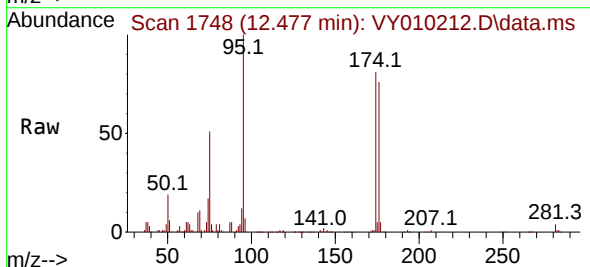
Instrument :
MSVOA_Y
ClientSampleId :
11985

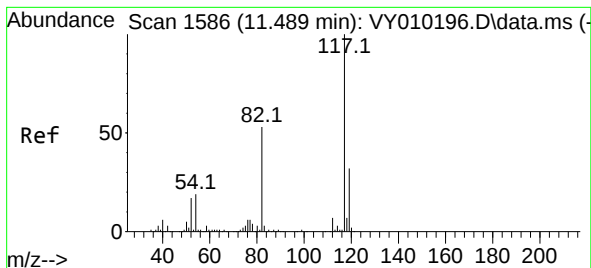
Tgt Ion: 98 Resp: 277508
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.074 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010212.D
Acq: 25 Aug 2022 18:40

Tgt Ion: 95 Resp: 85788
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 83.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010212.D

Acq: 25 Aug 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

11985

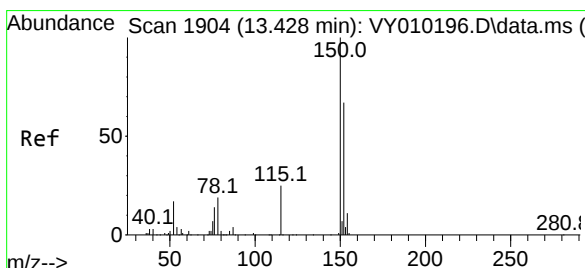
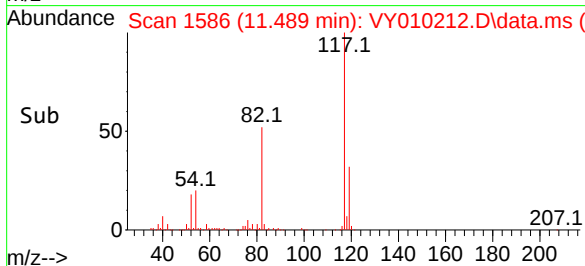
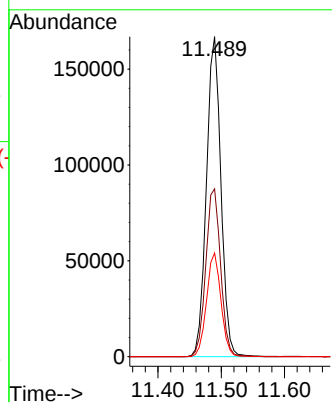
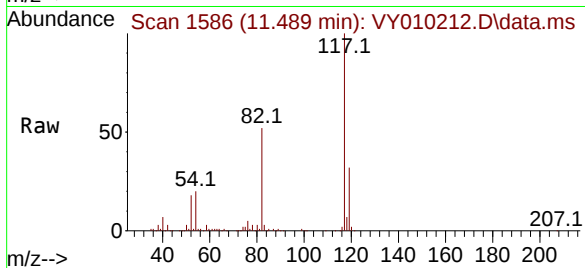
Tgt Ion:117 Resp: 266631

Ion Ratio Lower Upper

117 100

82 52.5 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. -0.006 min

Lab File: VY010212.D

Acq: 25 Aug 2022 18:40

Tgt Ion:152 Resp: 116789

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 158.0 0.0 347.6

