

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010896.D
 Acq On : 10 Oct 2022 17:27
 Operator : KP/MD
 Sample : N5018-01
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-3-(0-5)

Quant Time: Oct 11 09:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	294982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	509586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	441632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	172503	57.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.716	113	168613	49.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.179	98	630285	54.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.960%
62) 4-Bromofluorobenzene	12.483	95	197363	43.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.340%

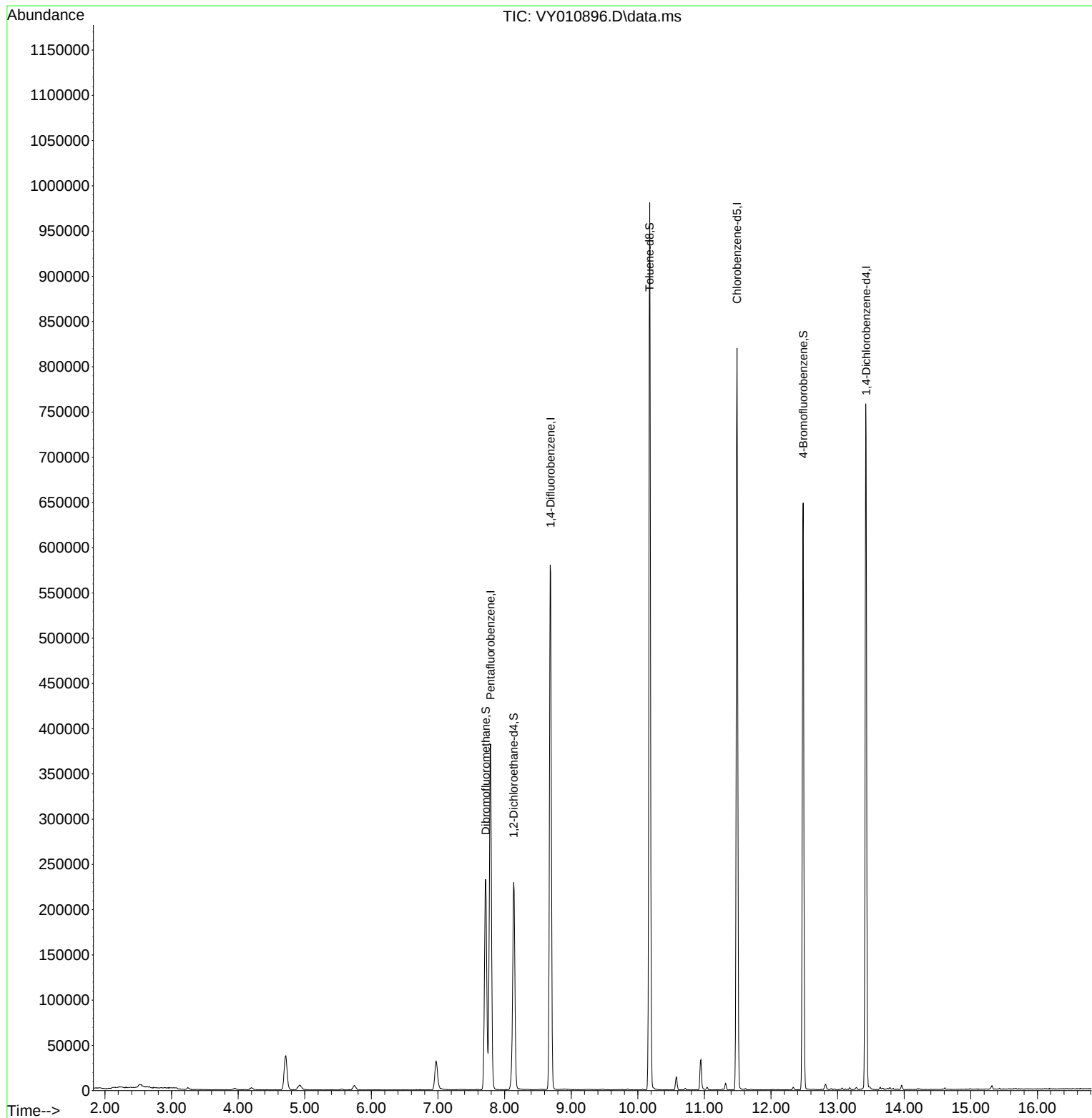
Target Compounds	Qvalue

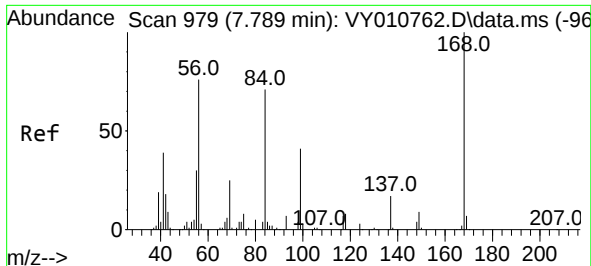
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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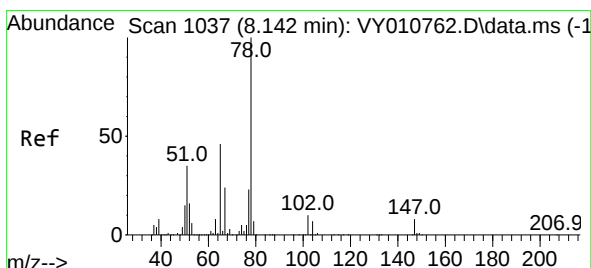
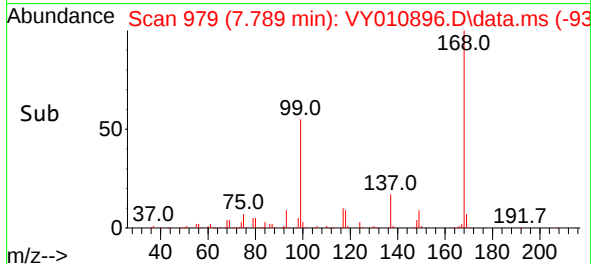
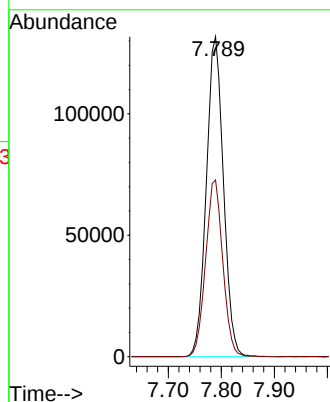
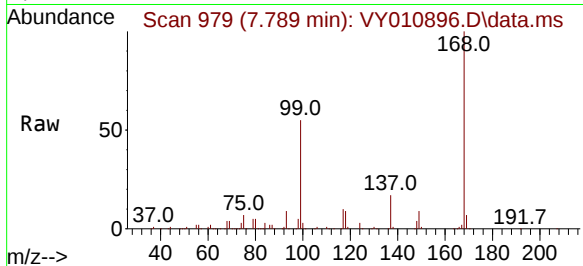




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010896.D
Acq: 10 Oct 2022 17:27

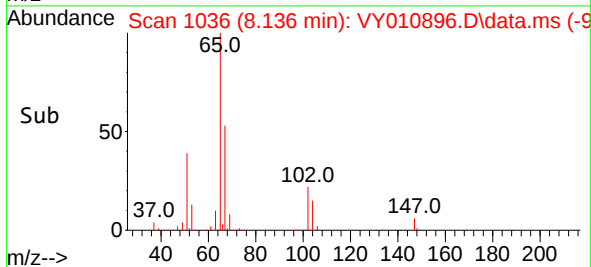
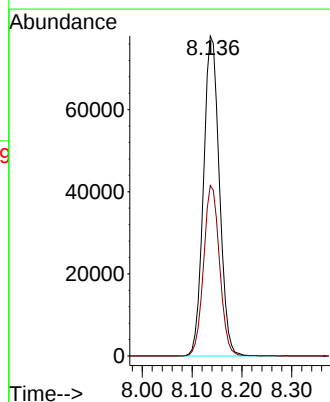
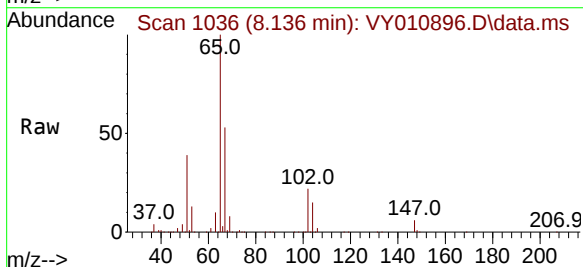
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(0-5)

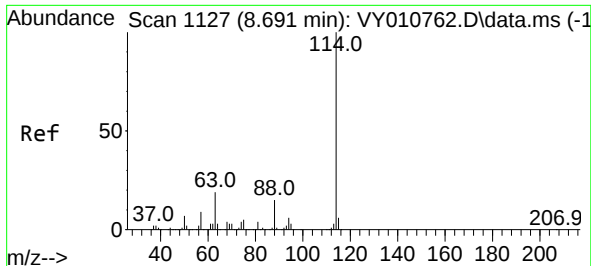
Tgt Ion:168 Resp: 294982
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.693 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010896.D
Acq: 10 Oct 2022 17:27

Tgt Ion: 65 Resp: 172503
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

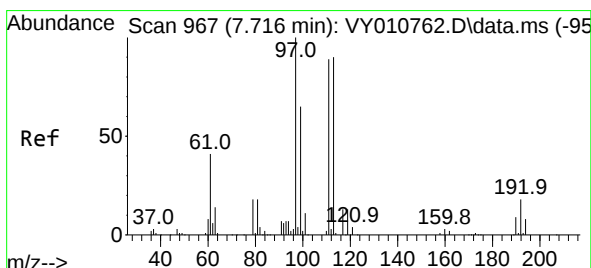
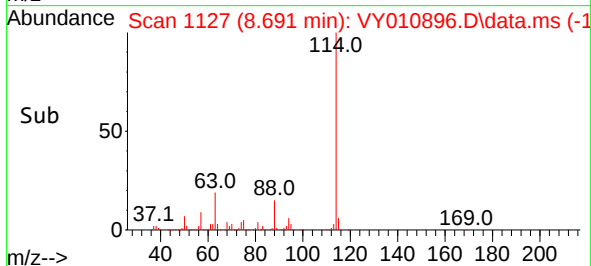
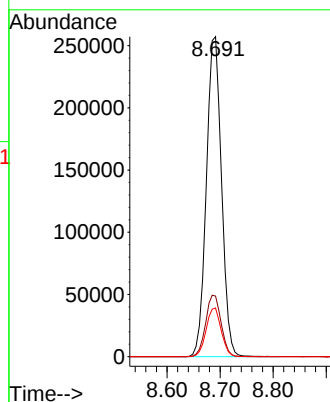
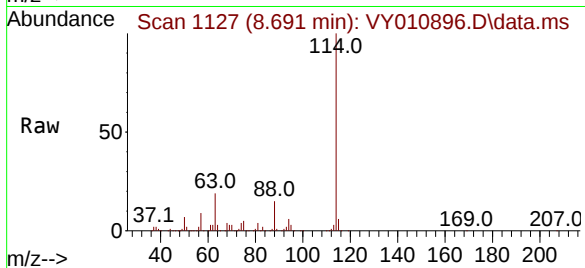




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010896.D
Acq: 10 Oct 2022 17:27

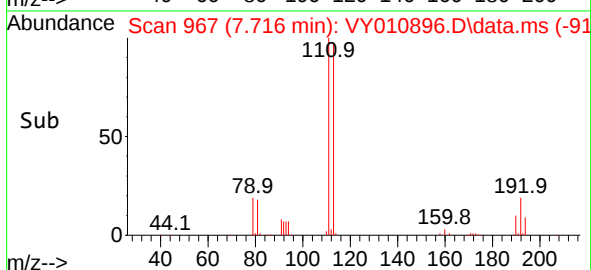
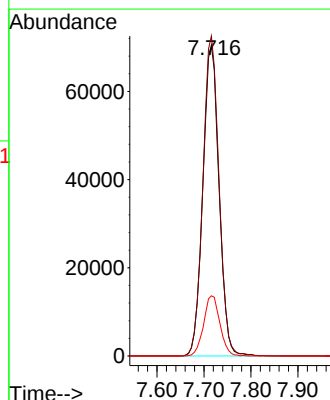
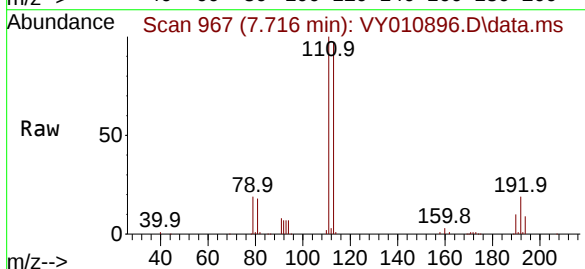
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(0-5)

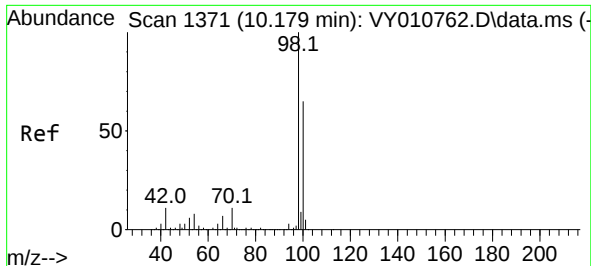
Tgt Ion:114 Resp: 509586
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.846 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010896.D
Acq: 10 Oct 2022 17:27

Tgt Ion:113 Resp: 168613
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.5 17.6 26.4

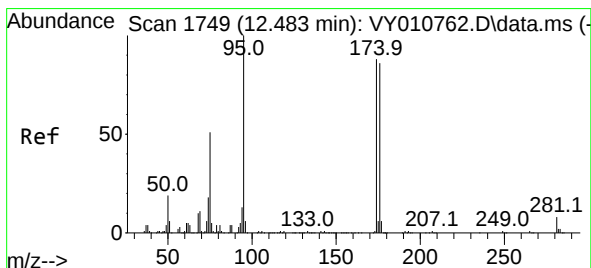
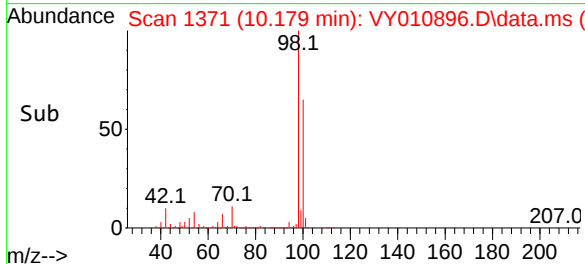
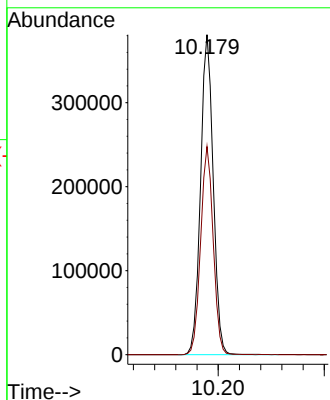
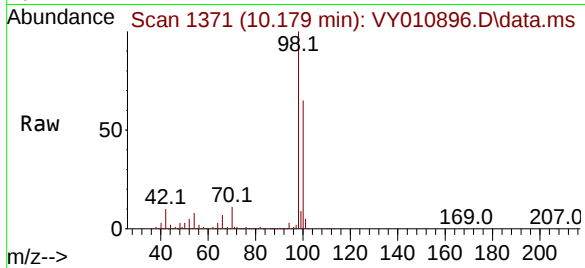




#50
Toluene-d8
Concen: 54.484 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010896.D
Acq: 10 Oct 2022 17:27

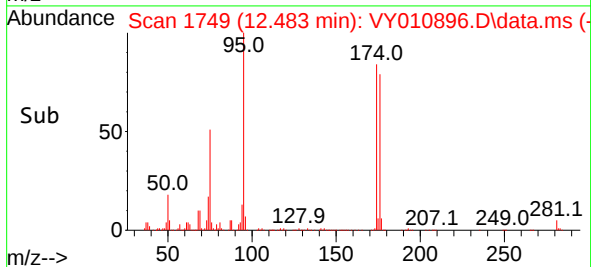
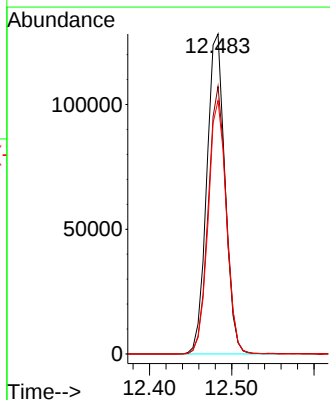
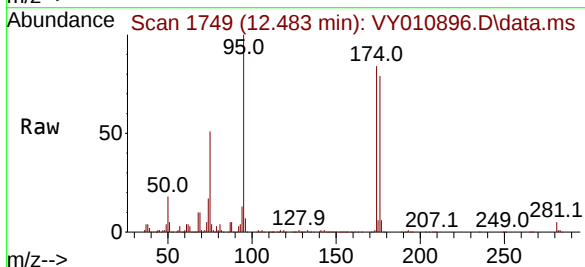
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(0-5)

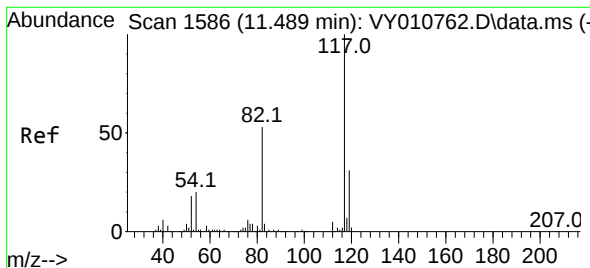
Tgt Ion: 98 Resp: 630285
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010896.D
Acq: 10 Oct 2022 17:27

Tgt Ion: 95 Resp: 197363
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010896.D

Acq: 10 Oct 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-3-(0-5)

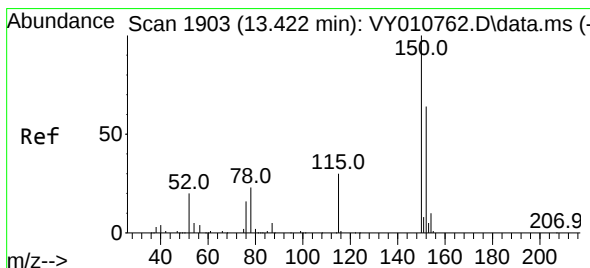
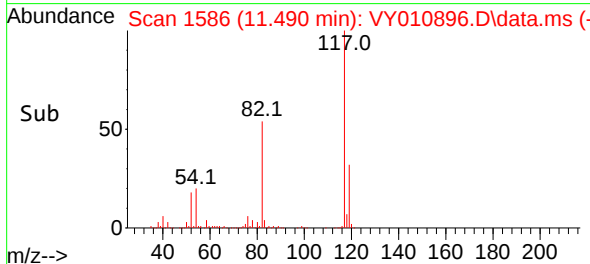
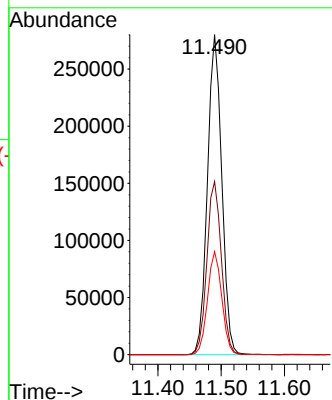
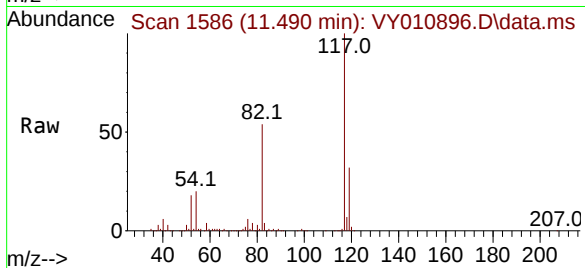
Tgt Ion:117 Resp: 441632

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010896.D

Acq: 10 Oct 2022 17:27

Tgt Ion:152 Resp: 198395

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 154.9 0.0 347.6

