

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010140.D
 Acq On : 20 Aug 2022 06:43
 Operator : KP/MD
 Sample : N4124-04
 Misc : 8.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SSP4

Quant Time: Aug 22 02:55:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	161458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91330	69.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.120%
35) Dibromofluoromethane	7.716	113	87121	49.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.179	98	321838	48.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.477	95	94209	39.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.880%

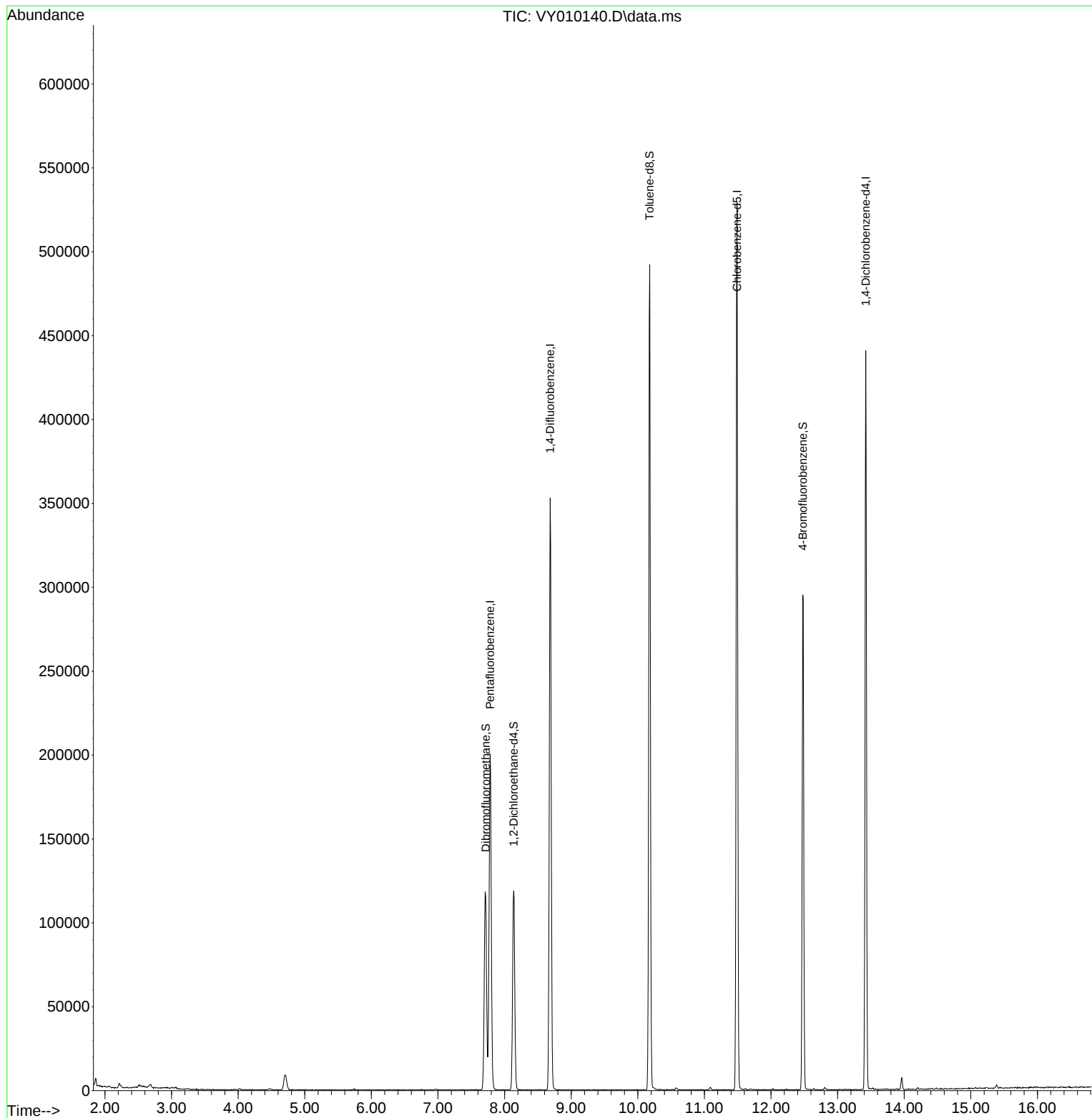
Target Compounds	Qvalue

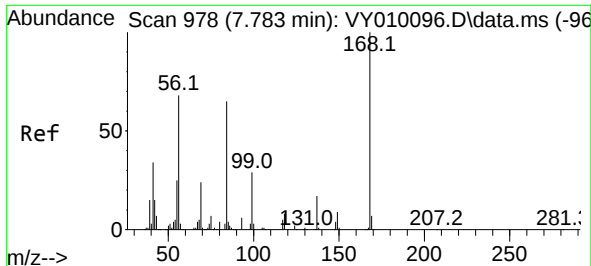
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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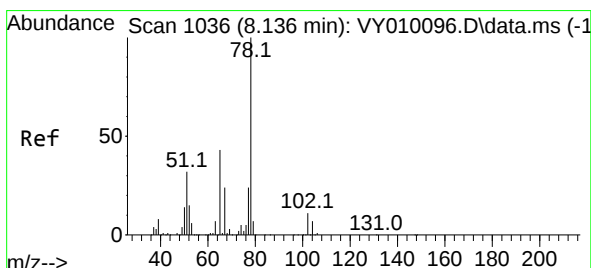
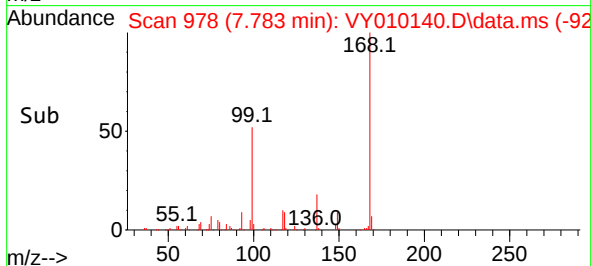
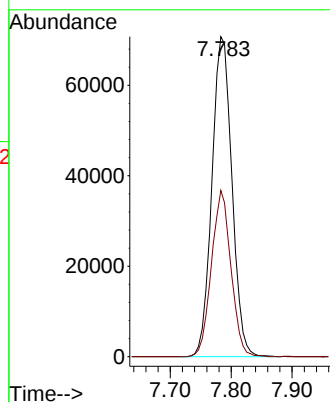
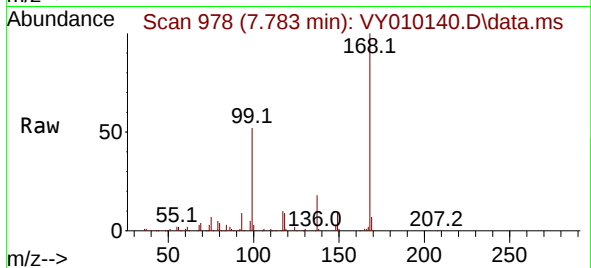




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

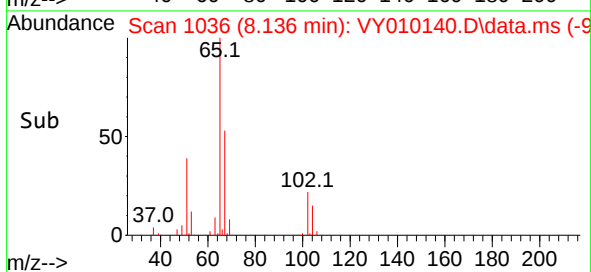
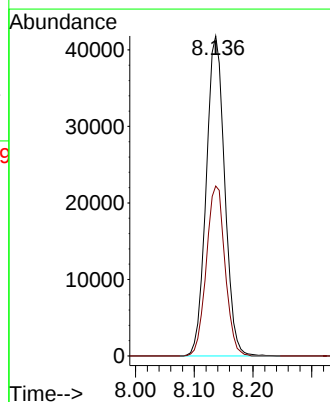
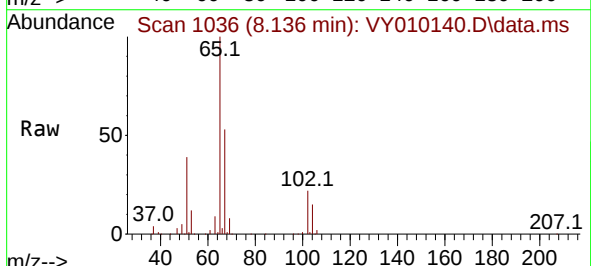
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

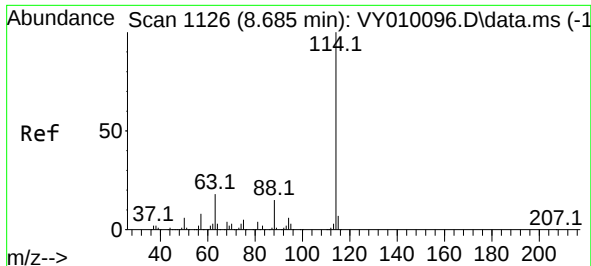
Tgt Ion:168 Resp: 161458
Ion Ratio Lower Upper
168 100
99 52.0 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 69.059 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion: 65 Resp: 91330
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6

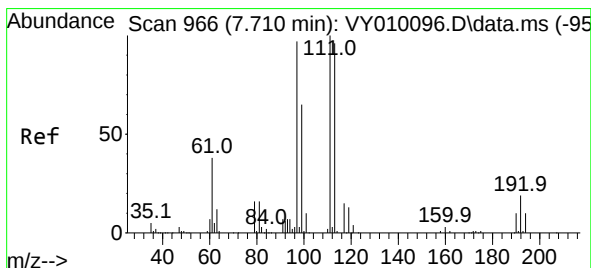
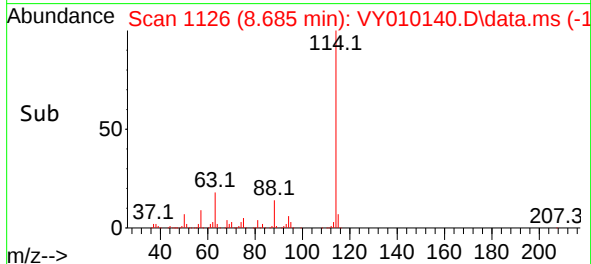
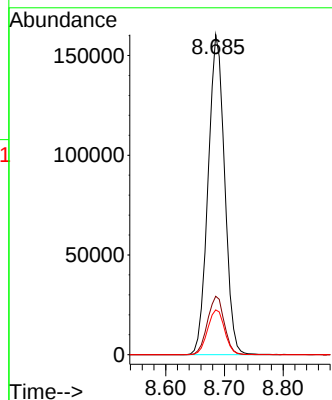
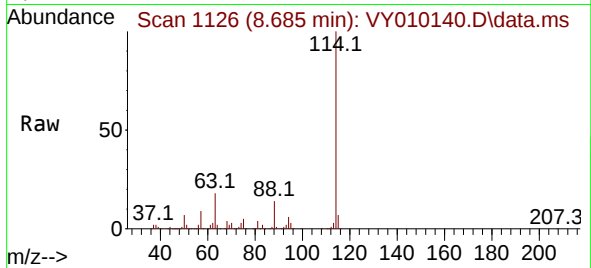




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

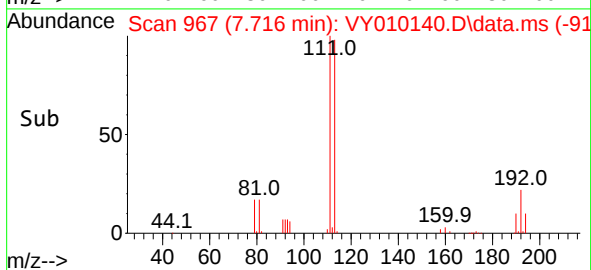
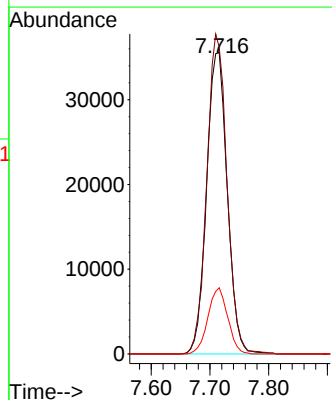
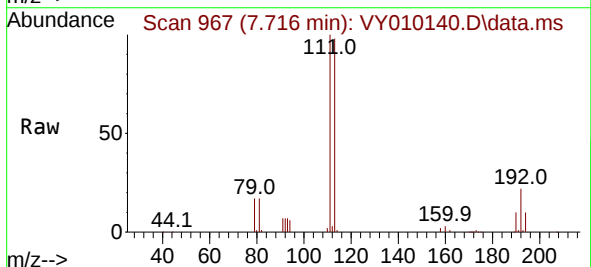
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

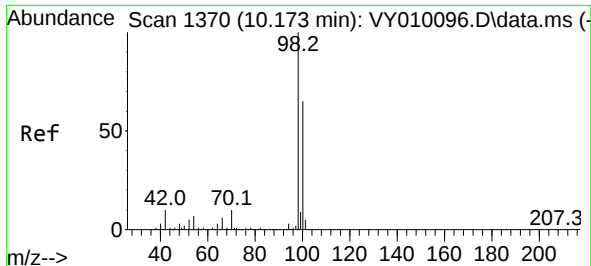
Tgt Ion:114 Resp: 312700
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.6
88 14.0 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion:113 Resp: 87121
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 21.0 16.3 24.5

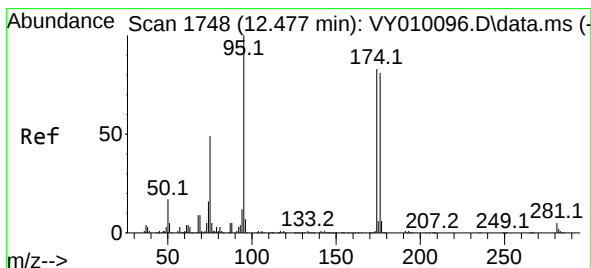
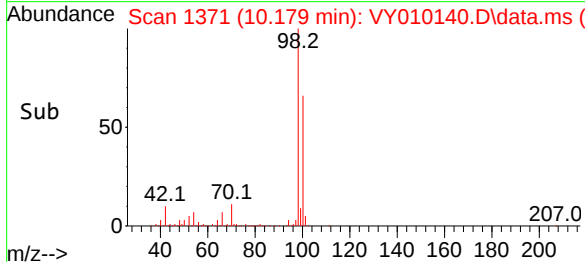
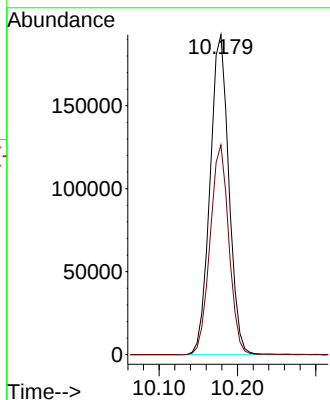
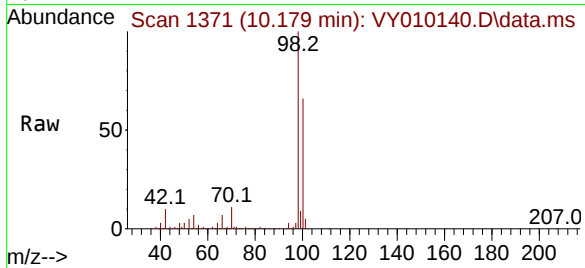




#50
Toluene-d8
Concen: 48.746 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

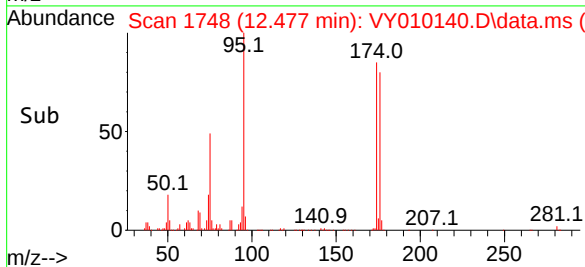
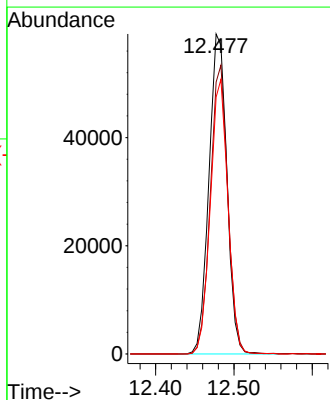
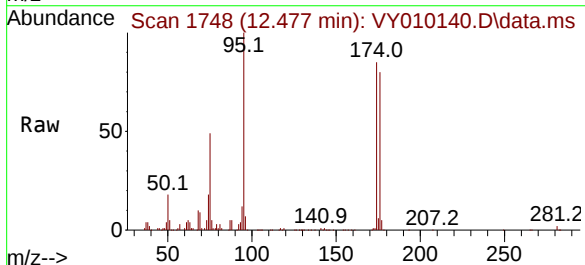
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

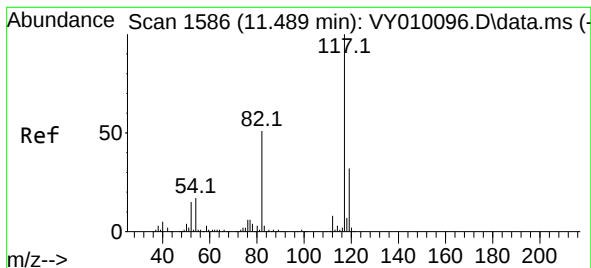
Tgt Ion: 98 Resp: 321838
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.936 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010140.D
Acq: 20 Aug 2022 06:43

Tgt Ion: 95 Resp: 94209
Ion Ratio Lower Upper
95 100
174 88.0 0.0 173.8
176 84.3 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010140.D

Acq: 20 Aug 2022 06:43

Instrument :

MSVOA_Y

ClientSampleId :

SSP4

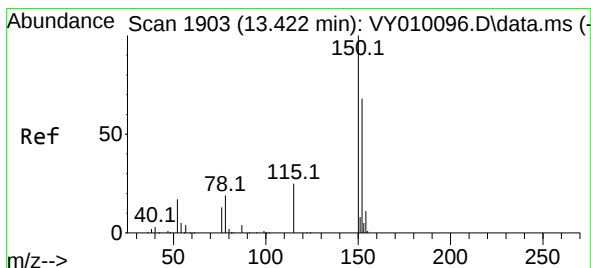
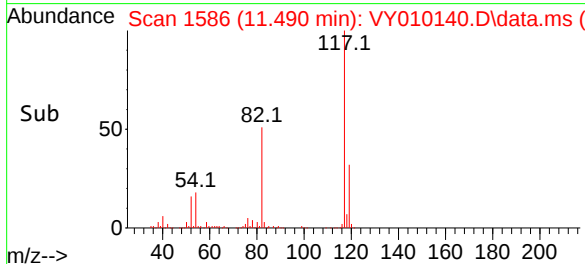
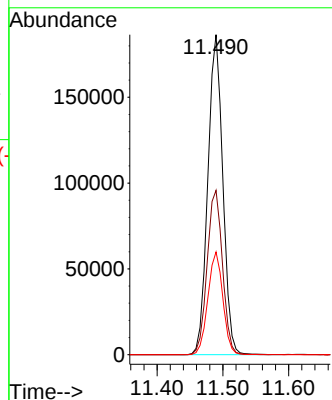
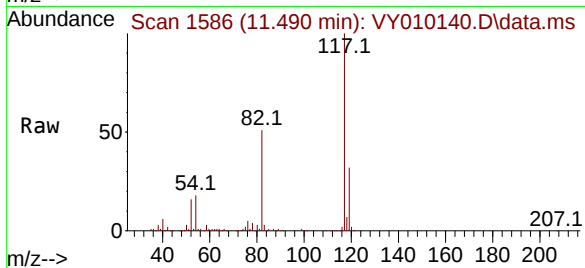
Tgt Ion:117 Resp: 295483

Ion Ratio Lower Upper

117 100

82 51.4 40.6 61.0

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010140.D

Acq: 20 Aug 2022 06:43

Tgt Ion:152 Resp: 114637

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 158.5 0.0 346.2

