

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010320.D
 Acq On : 03 Sep 2022 15:11
 Operator : KP/MD
 Sample : N4423-01
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 05 04:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	264750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	440059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	411986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145543	53.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.220%
35) Dibromofluoromethane	7.716	113	131763	44.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.960%
50) Toluene-d8	10.179	98	522034	53.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.483	95	183847	46.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.680%

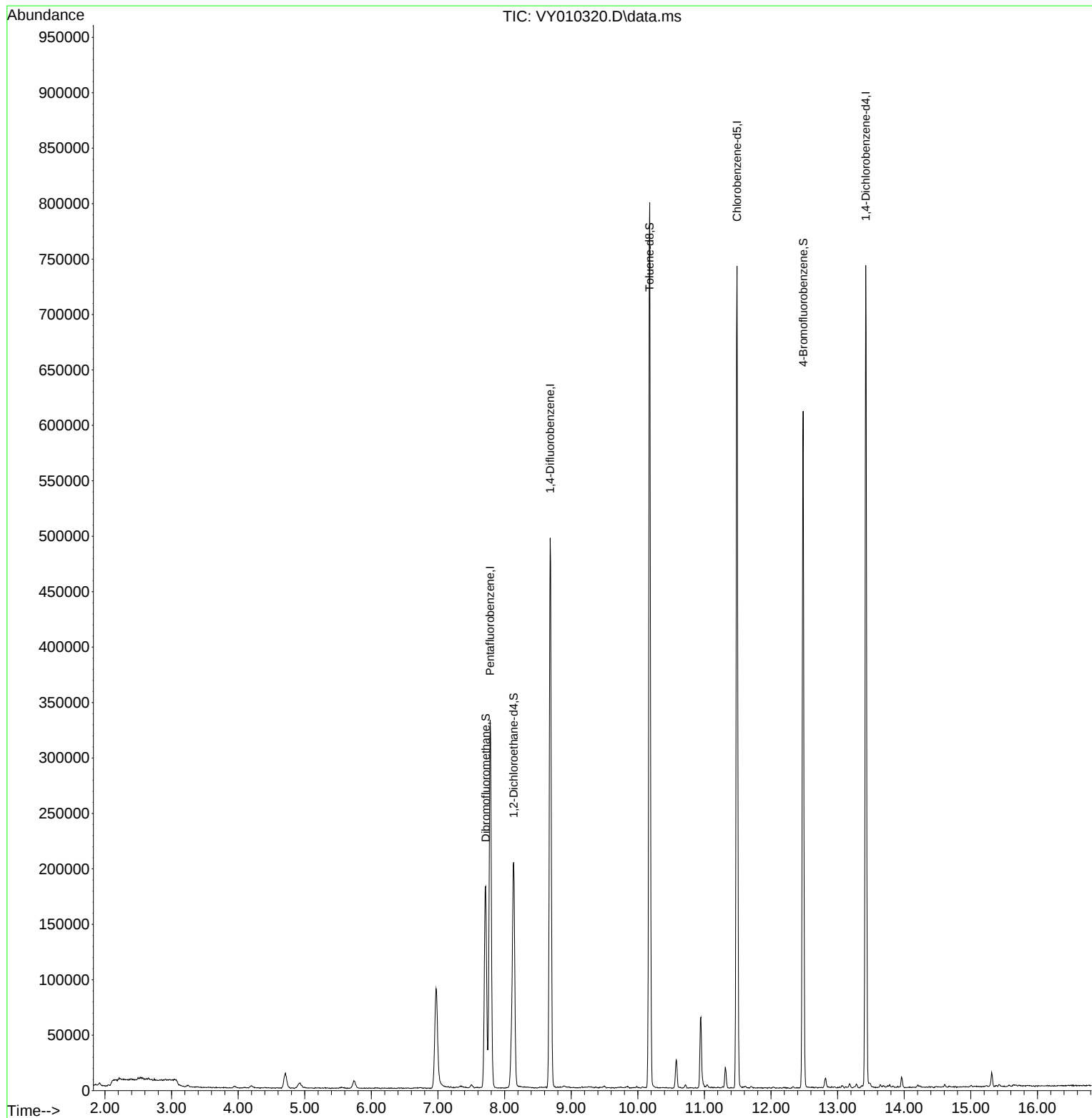
Target Compounds	Qvalue

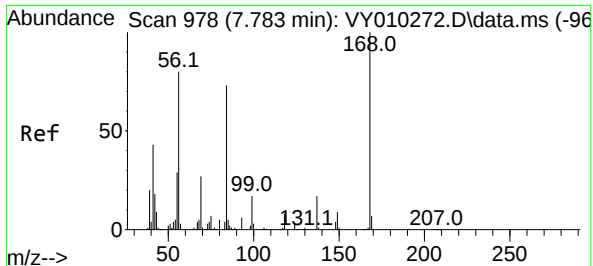
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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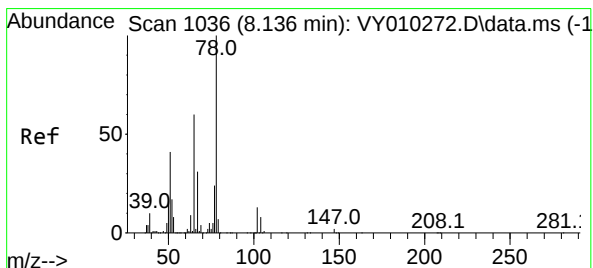
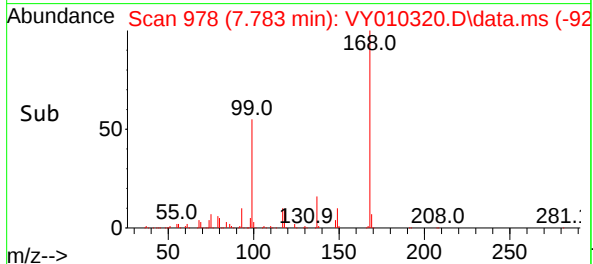
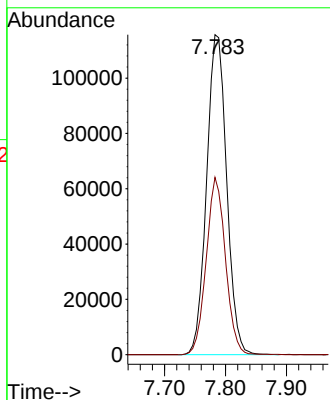
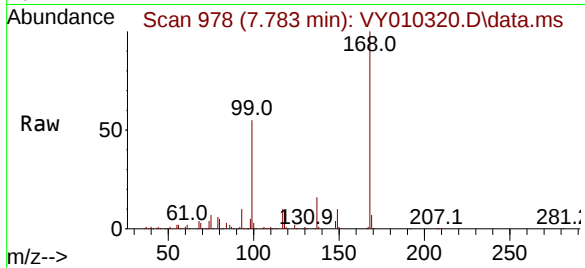




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

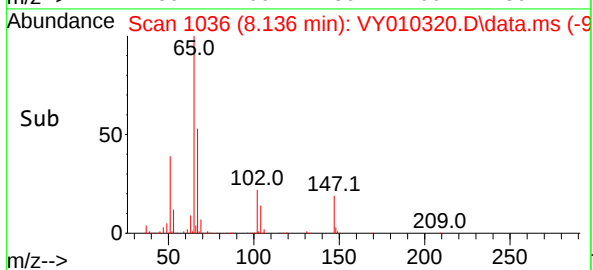
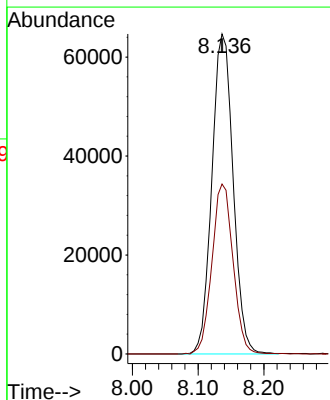
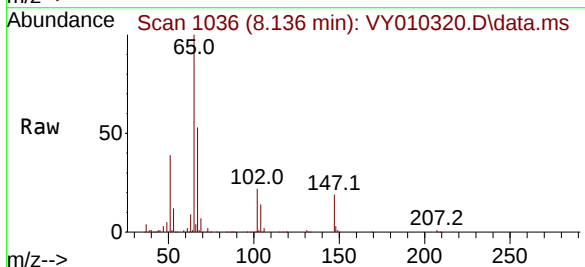
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

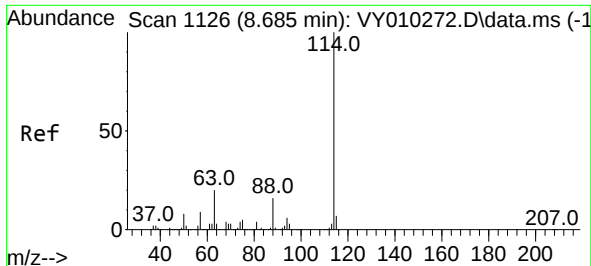
Tgt Ion:168 Resp: 264750
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.613 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion: 65 Resp: 145543
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

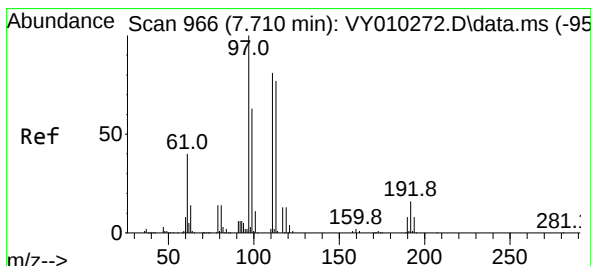
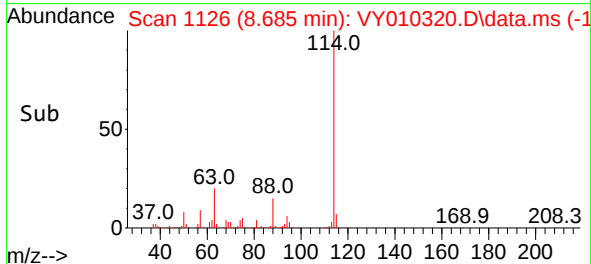
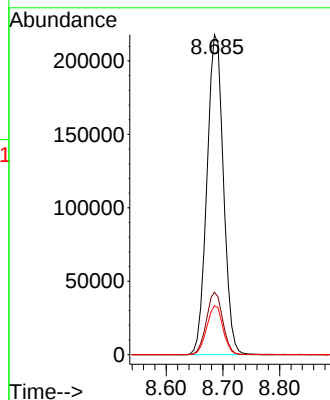
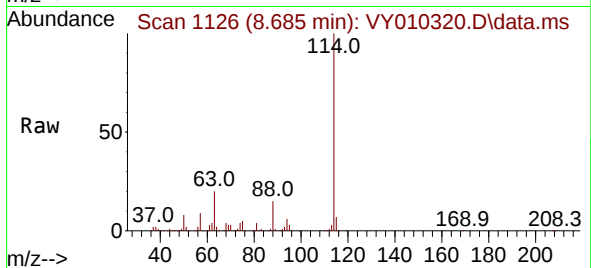




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

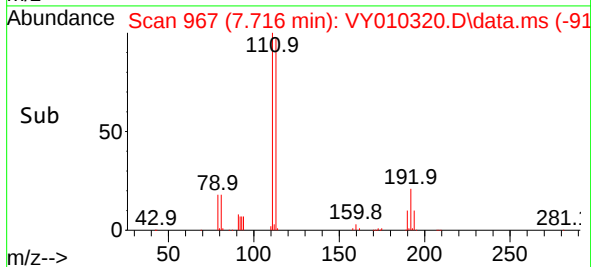
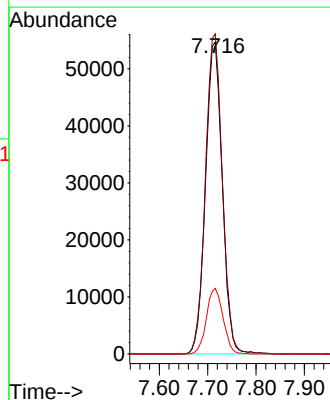
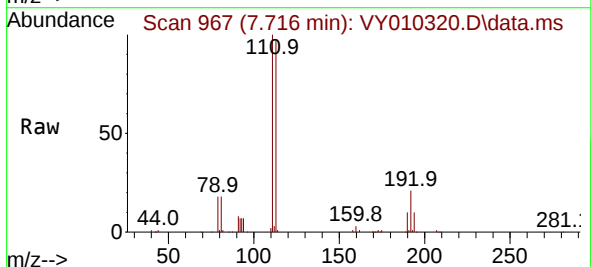
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

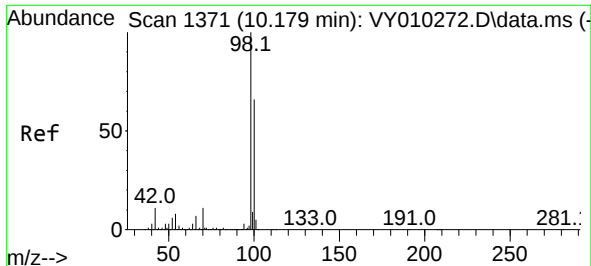
Tgt Ion:114 Resp: 440059
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.977 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion:113 Resp: 131763
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.9 17.6 26.4

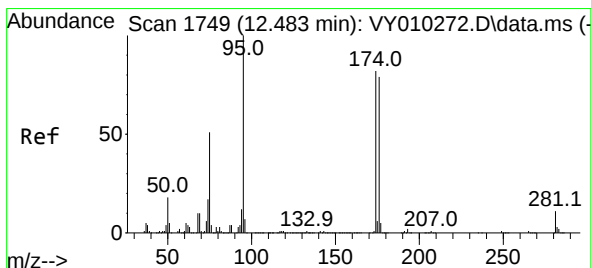
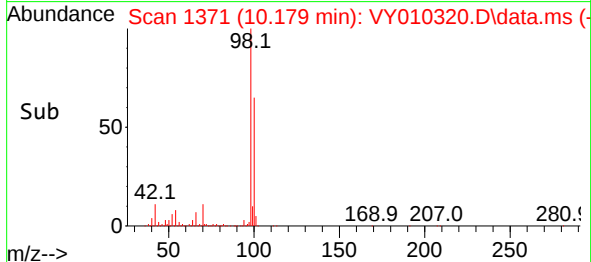
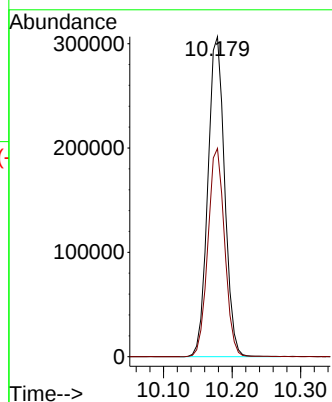
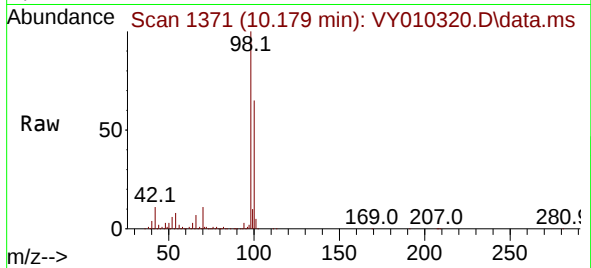




#50
Toluene-d8
Concen: 53.224 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

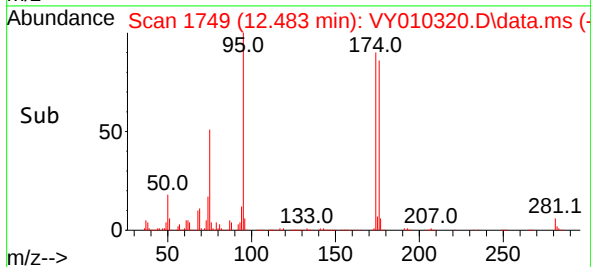
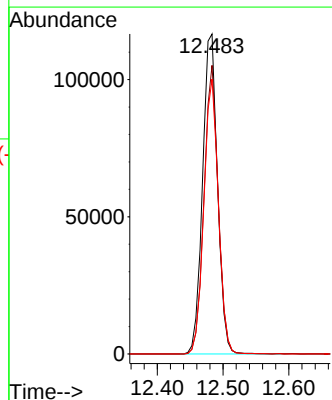
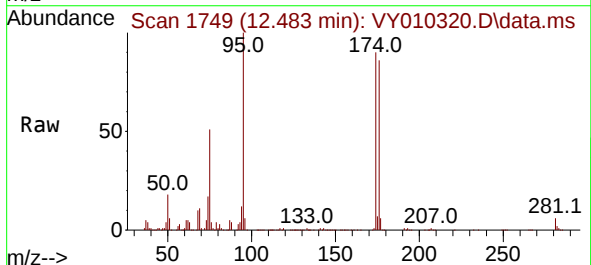
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

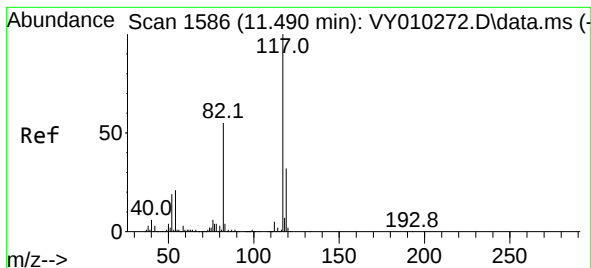
Tgt Ion: 98 Resp: 522034
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010320.D
Acq: 03 Sep 2022 15:11

Tgt Ion: 95 Resp: 183847
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.6 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: VY010320.D

Acq: 03 Sep 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

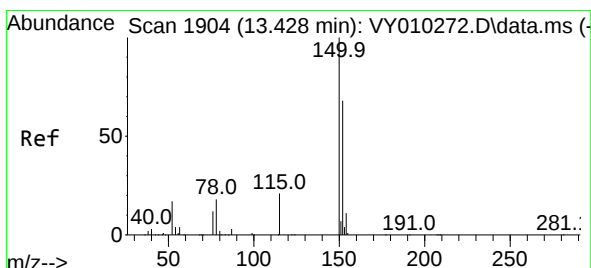
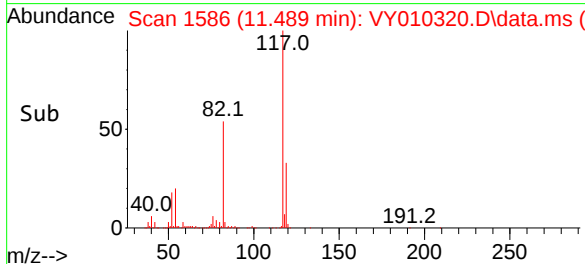
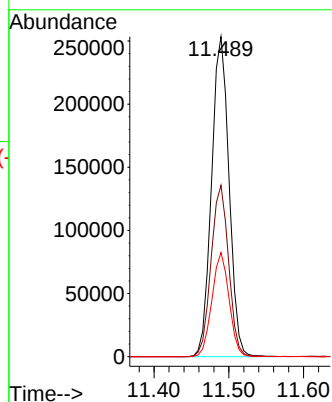
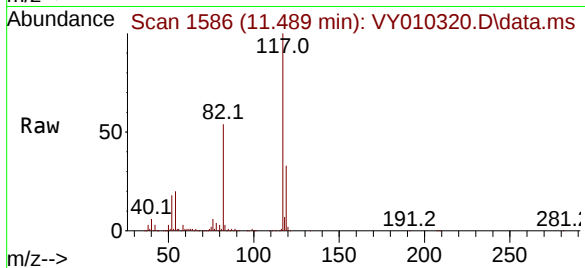
Tgt Ion:117 Resp: 411986

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.6 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: VY010320.D

Acq: 03 Sep 2022 15:11

Tgt Ion:152 Resp: 194105

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 156.1 0.0 347.6

