

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014959.D
 Acq On : 03 Aug 2023 19:23
 Operator : SY/MD
 Sample : 03897-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 04 04:34:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	76200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	129943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40902	47.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.200%
35) Dibromofluoromethane	7.716	113	40354	48.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.179	98	148713	48.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.483	95	46675	39.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.840%

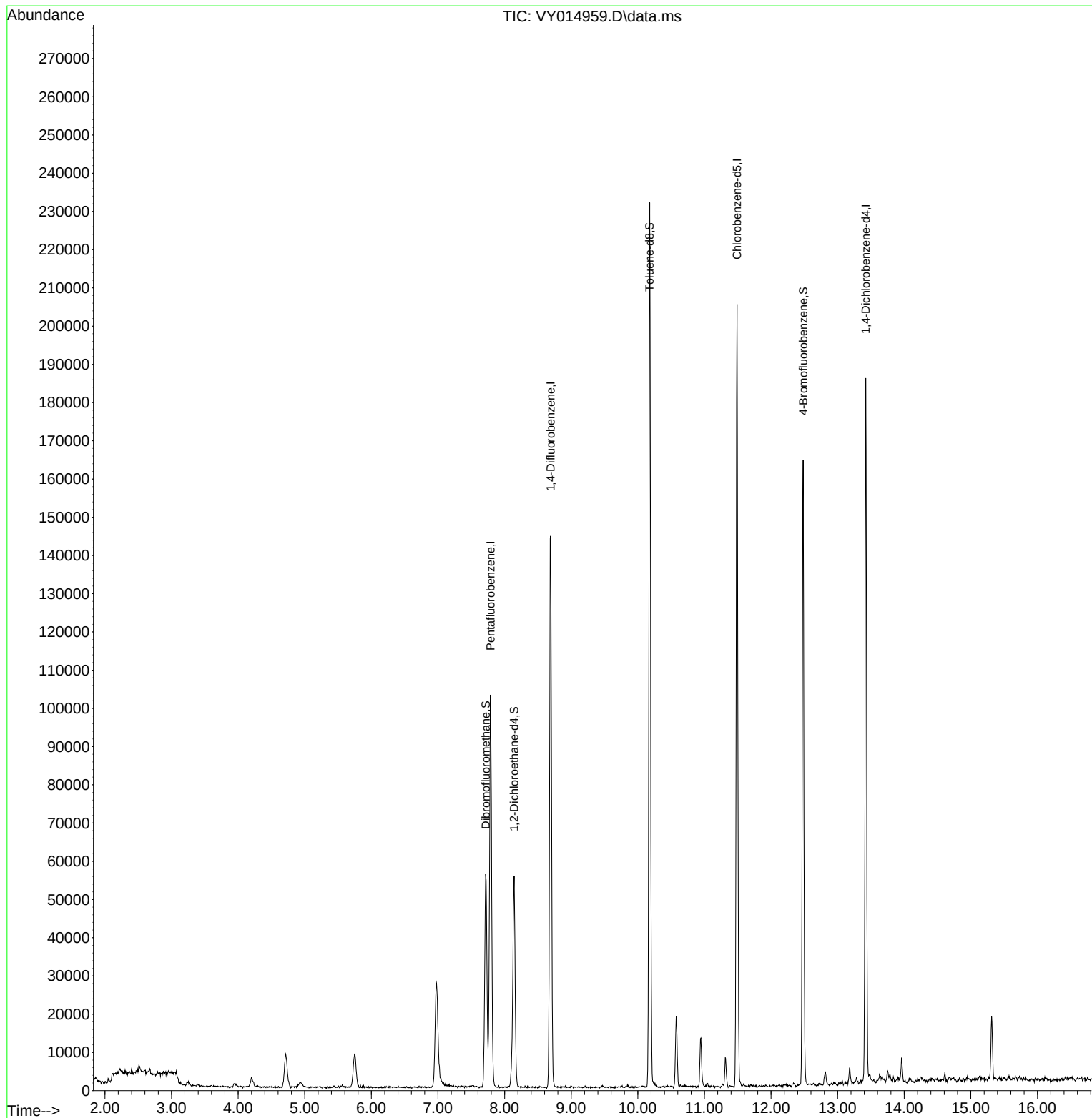
Target Compounds	Qvalue

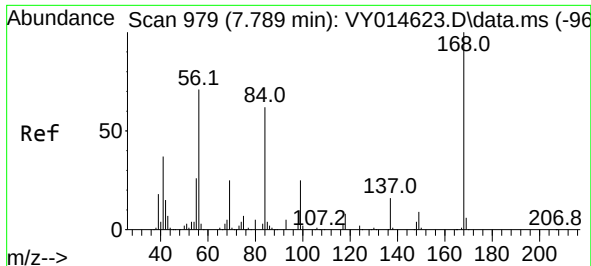
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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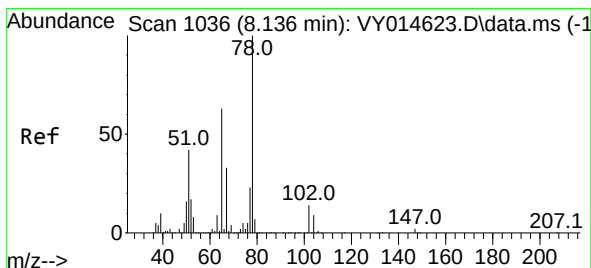
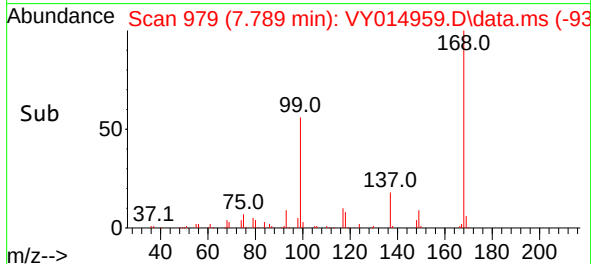
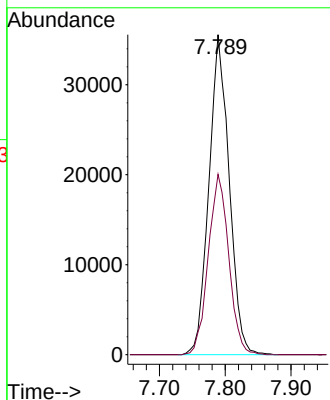
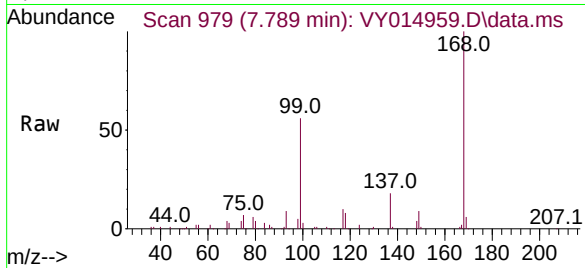




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

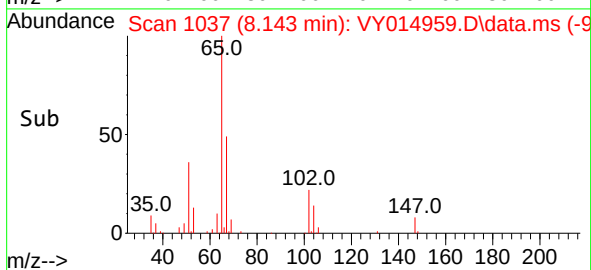
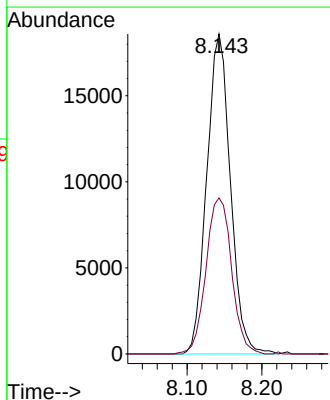
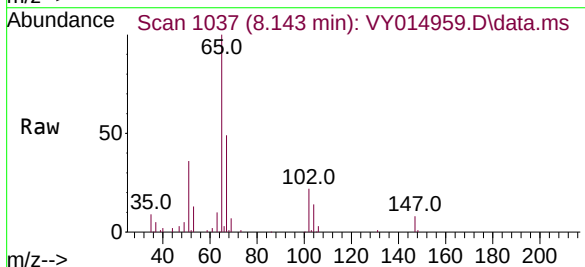
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

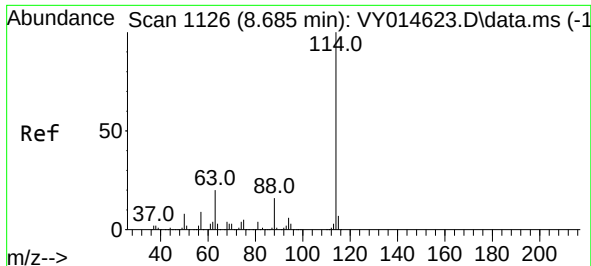
Tgt Ion:168 Resp: 76200
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.104 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion: 65 Resp: 40902
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

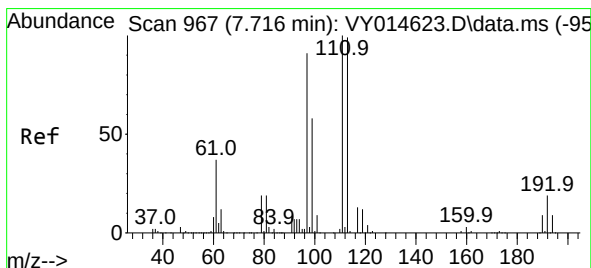
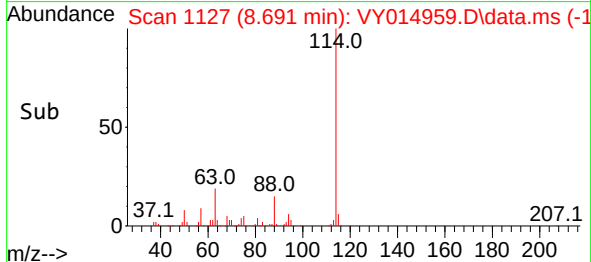
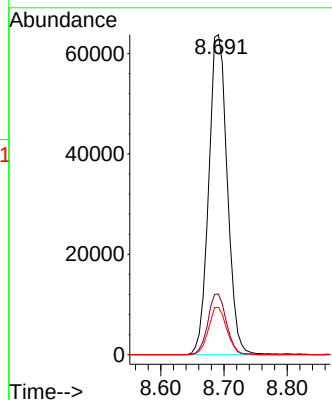
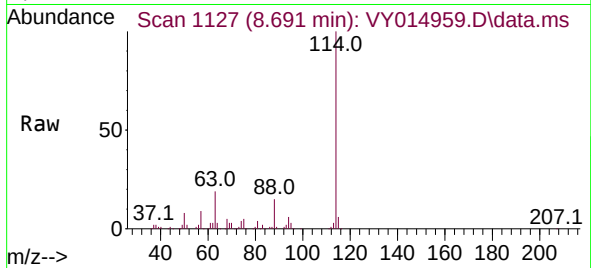




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

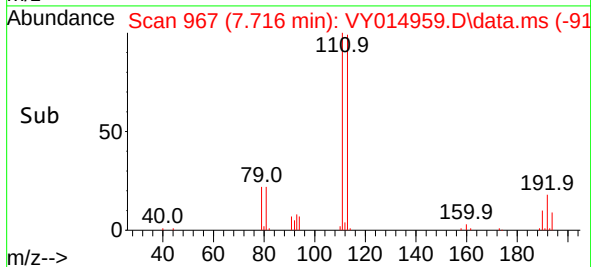
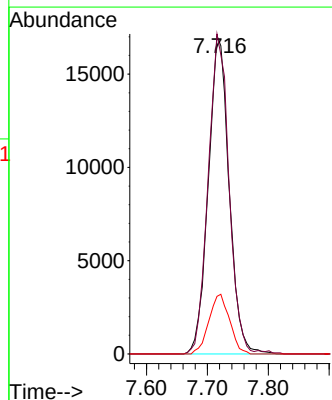
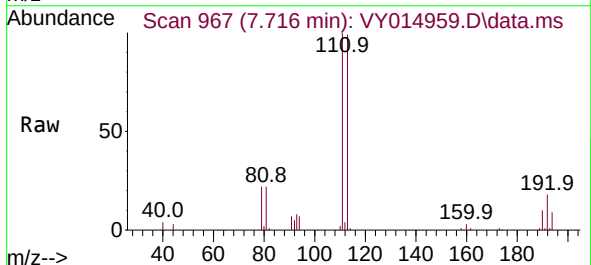
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

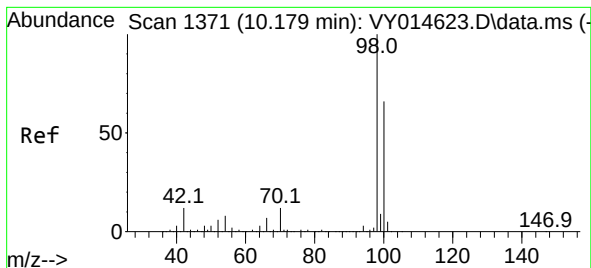
Tgt Ion:114 Resp: 129943
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014959.D
Acq: 03 Aug 2023 19:23

Tgt Ion:113 Resp: 40354
Ion Ratio Lower Upper
113 100
111 100.4 81.3 121.9
192 18.7 16.9 25.3





#50

Toluene-d8

Concen: 48.764 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014959.D

Acq: 03 Aug 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

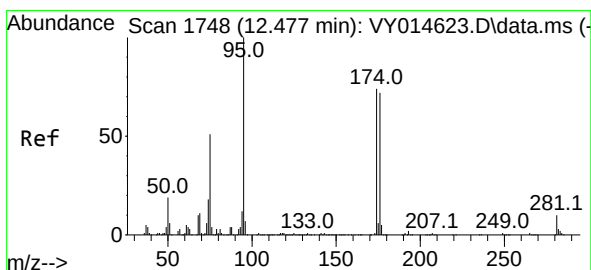
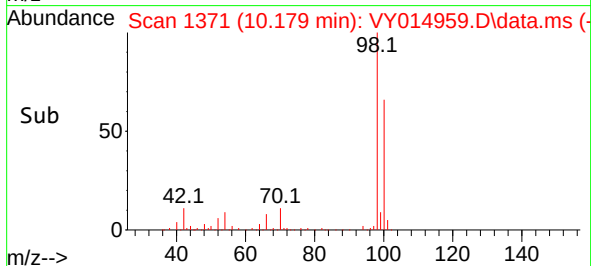
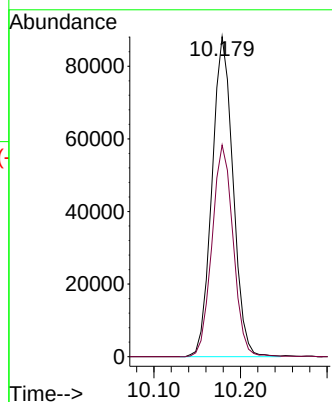
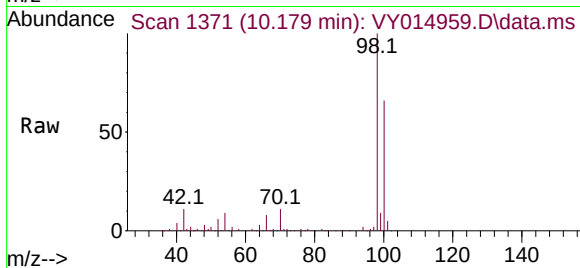
WC-1

Tgt Ion: 98 Resp: 148713

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.915 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014959.D

Acq: 03 Aug 2023 19:23

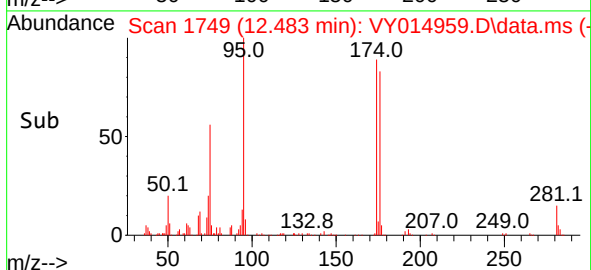
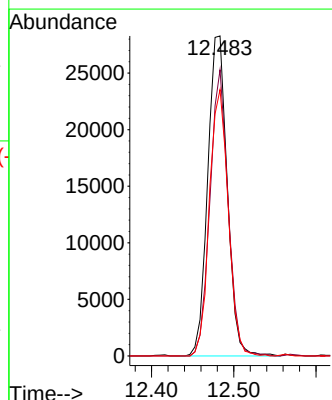
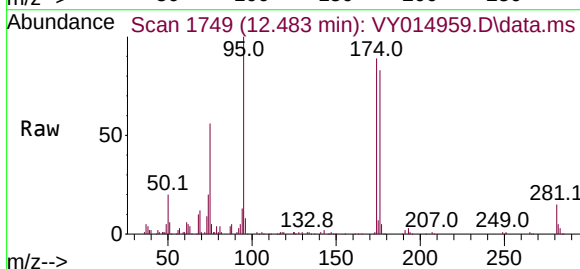
Tgt Ion: 95 Resp: 46675

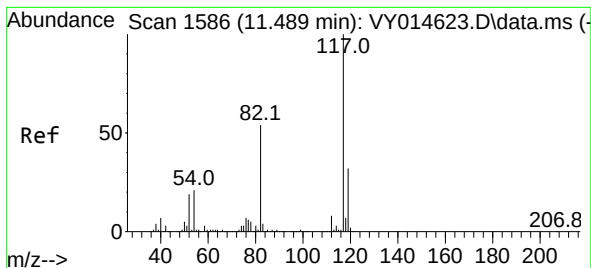
Ion Ratio Lower Upper

95 100

174 83.1 0.0 178.2

176 80.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014959.D

Acq: 03 Aug 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

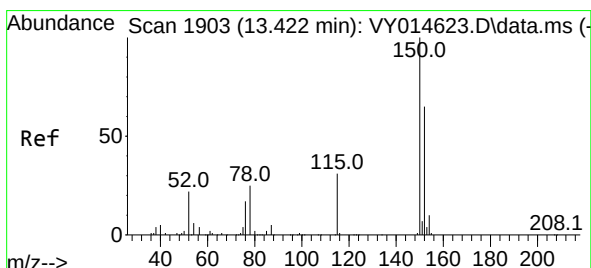
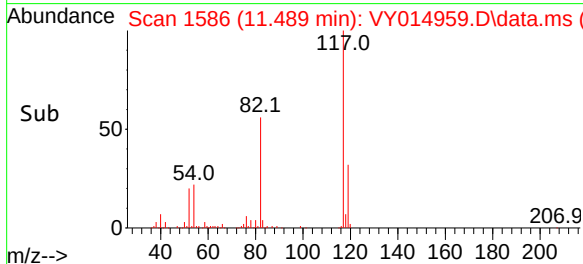
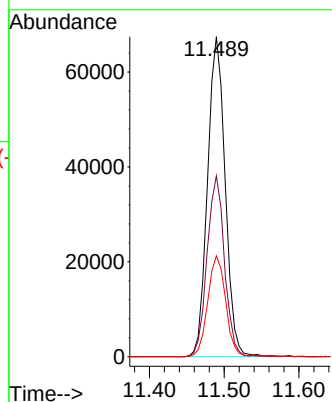
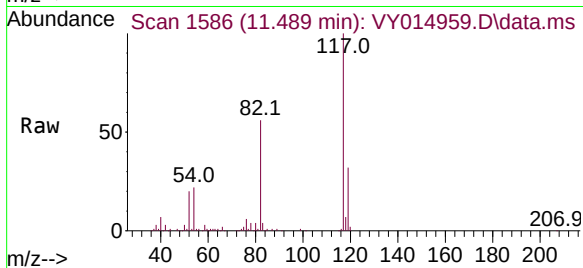
Tgt Ion:117 Resp: 110726

Ion Ratio Lower Upper

117 100

82 56.5 43.4 65.0

119 31.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014959.D

Acq: 03 Aug 2023 19:23

Tgt Ion:152 Resp: 45737

Ion Ratio Lower Upper

152 100

115 60.8 28.8 86.5

150 159.4 0.0 348.8

