

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010511.D
 Acq On : 15 Sep 2022 15:16
 Operator : KP/MD
 Sample : N4630-04
 Misc : 3.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-1-GR

Quant Time: Sep 16 02:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

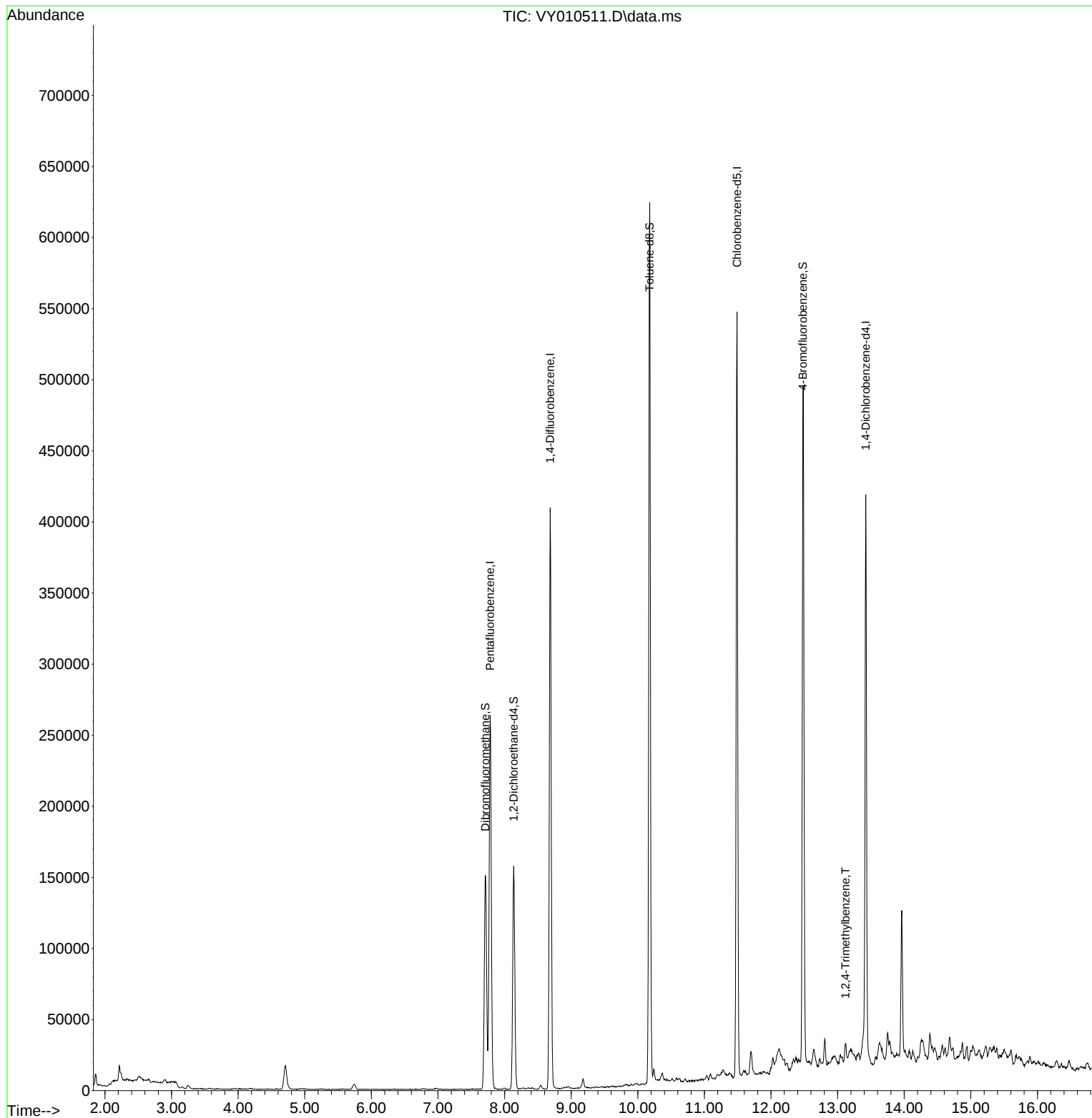
Internal Standards						
1) Pentafluorobenzene	7.783	168	205554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118599	57.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.580%
35) Dibromofluoromethane	7.710	113	108900	43.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.700%
50) Toluene-d8	10.179	98	409951	50.351	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.477	95	115652	33.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.700%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	7834	1.226	ug/l	Qvalue 92

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

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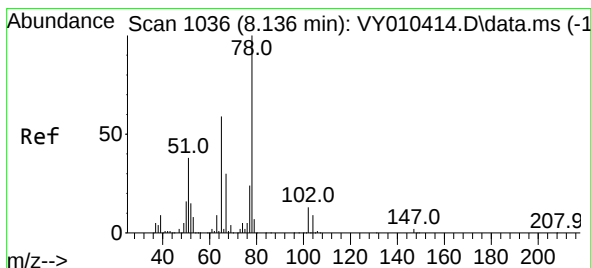
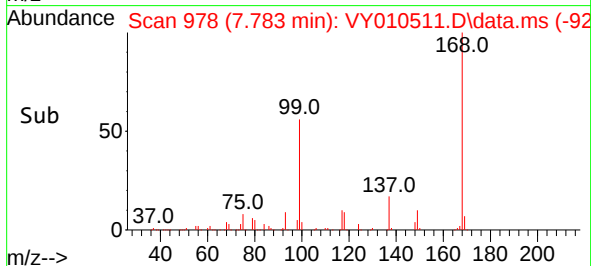
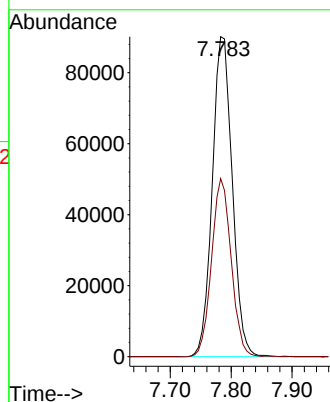
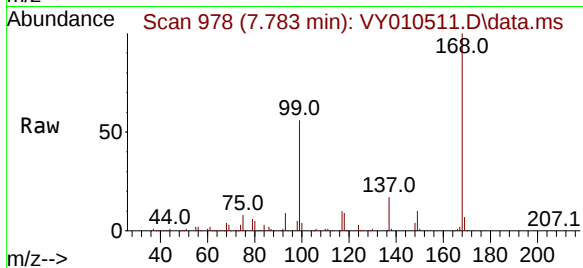




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010511.D
Acq: 15 Sep 2022 15:16

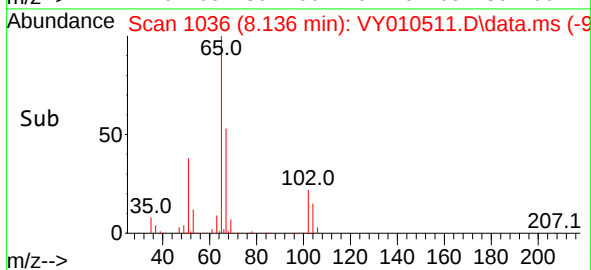
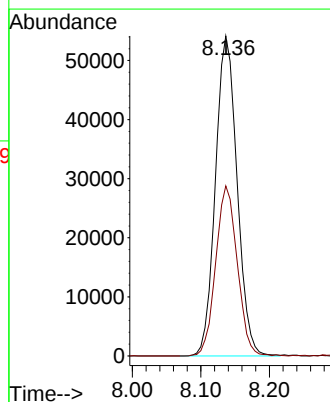
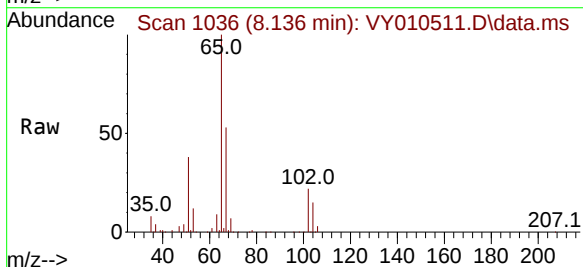
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

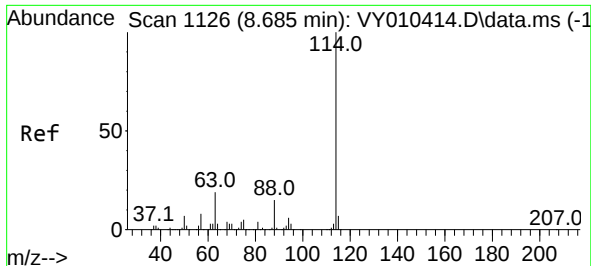
Tgt Ion:168 Resp: 205554
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.287 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010511.D
Acq: 15 Sep 2022 15:16

Tgt Ion: 65 Resp: 118599
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

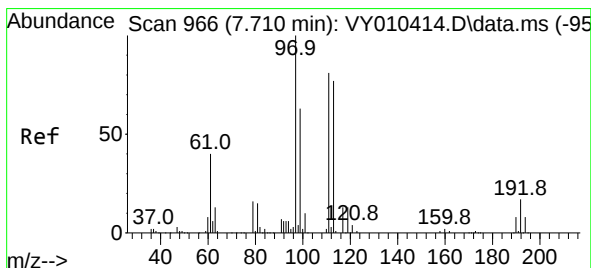
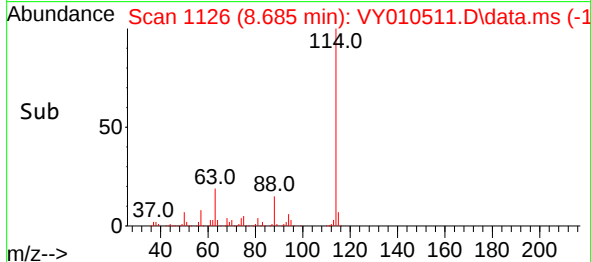
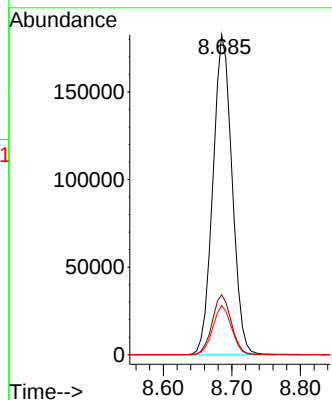
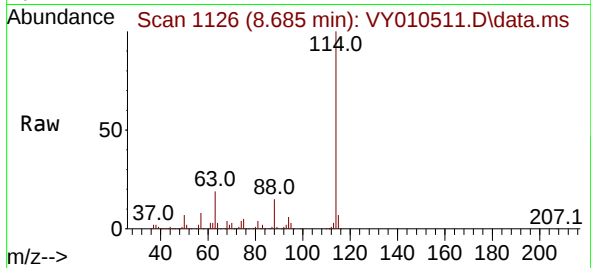




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010511.D
Acq: 15 Sep 2022 15:16

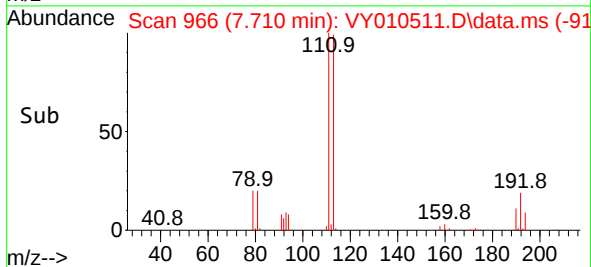
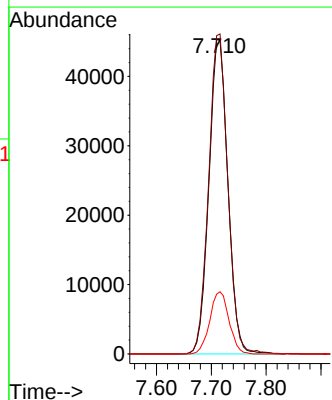
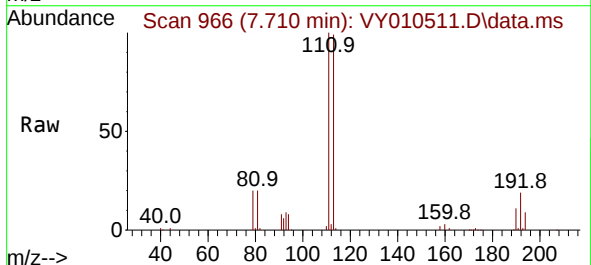
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MSVOA_Y
ClientSampleId :
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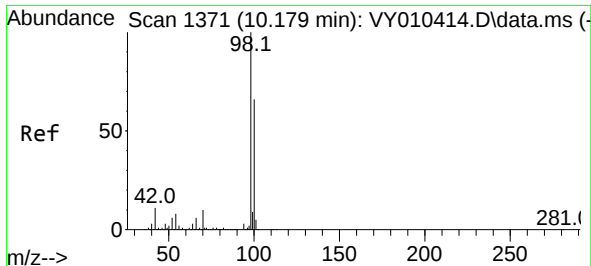
Tgt Ion:114 Resp: 353730
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.348 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010511.D
Acq: 15 Sep 2022 15:16

Tgt Ion:113 Resp: 108900
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.0 17.6 26.4

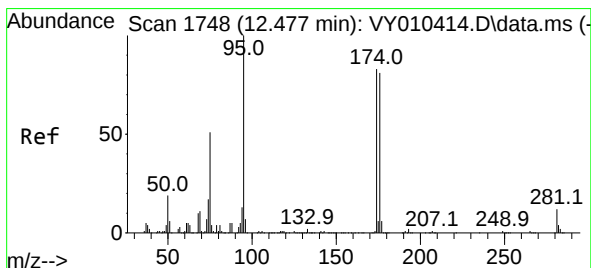
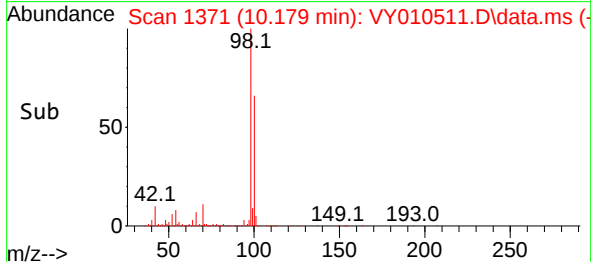
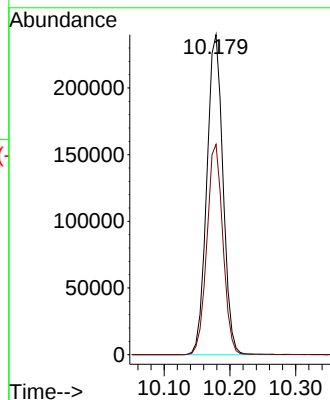
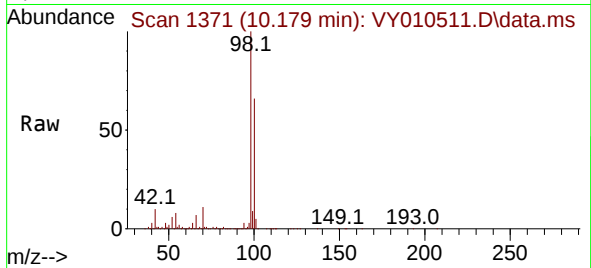




#50
Toluene-d8
Concen: 50.351 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010511.D
Acq: 15 Sep 2022 15:16

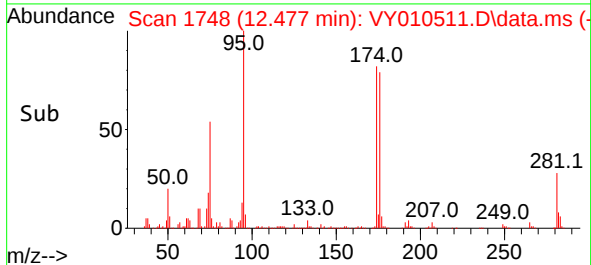
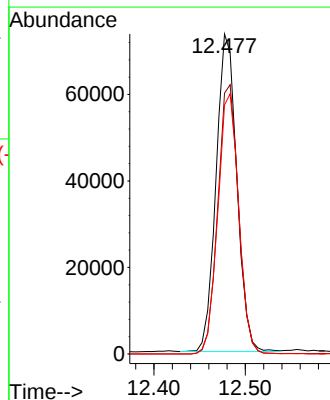
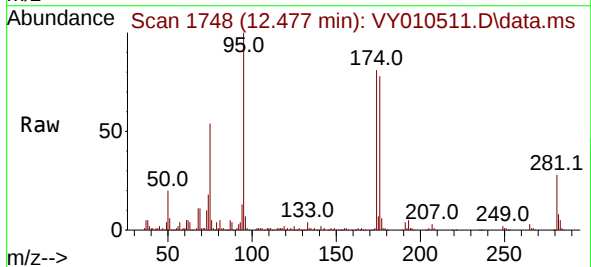
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

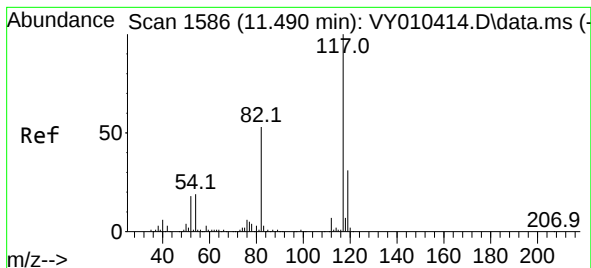
Tgt Ion: 98 Resp: 409951
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.847 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010511.D
Acq: 15 Sep 2022 15:16

Tgt Ion: 95 Resp: 115652
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 82.6 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: VY010511.D

Acq: 15 Sep 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-1-GR

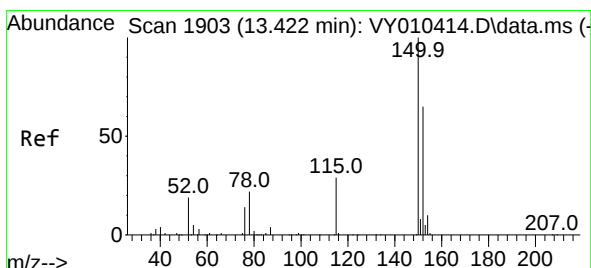
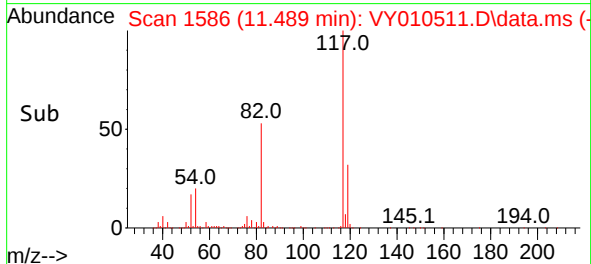
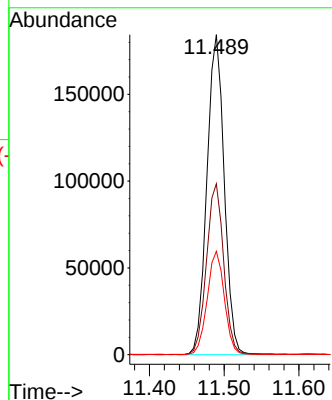
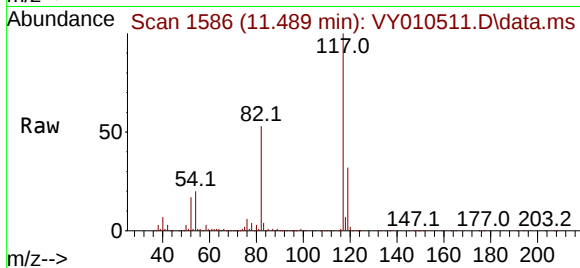
Tgt Ion:117 Resp: 296284

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010511.D

Acq: 15 Sep 2022 15:16

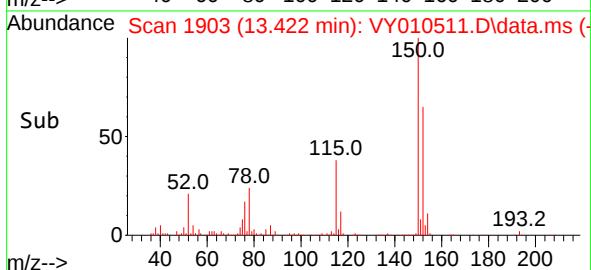
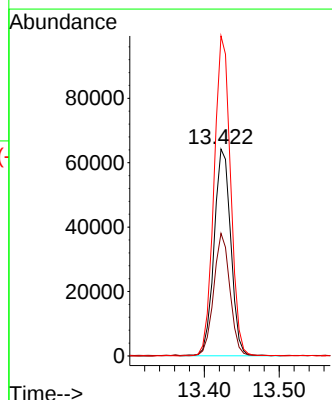
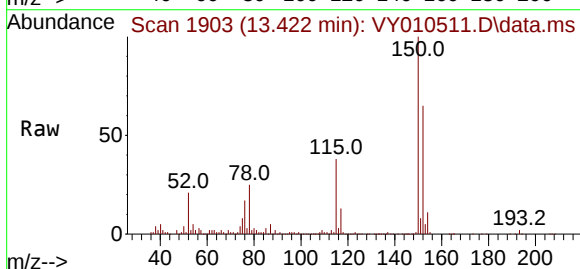
Tgt Ion:152 Resp: 99239

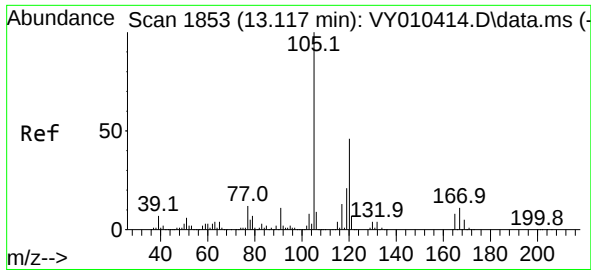
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 153.9 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 1.226 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010511.D

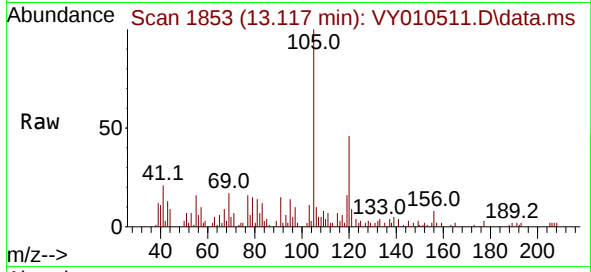
Acq: 15 Sep 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-1-GR



Tgt Ion:105 Resp: 7834

Ion Ratio Lower Upper

105 100

120 49.9 22.3 66.9

