

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008404.D
 Acq On : 19 Apr 2022 18:27
 Operator : KP/MD
 Sample : N2468-01
 Misc : 6.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-6-GR

Quant Time: Apr 20 06:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

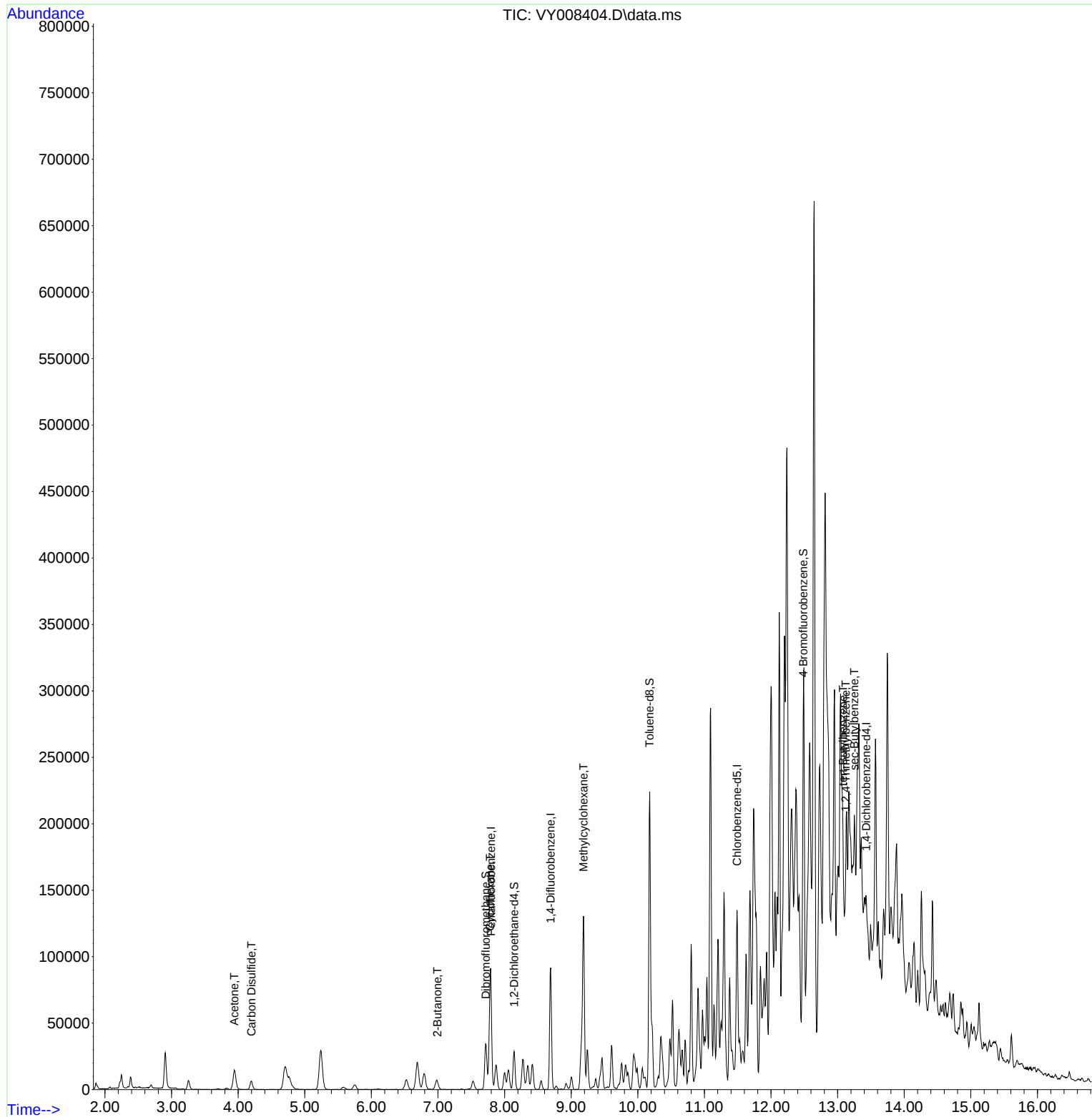
Internal Standards						
1) Pentafluorobenzene	7.795	168	49301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	59069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21864	47.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.420%
35) Dibromofluoromethane	7.716	113	24207	52.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.179	98	95357	59.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.800%
62) 4-Bromofluorobenzene	12.483	95	29264	48.873	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.740%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	16700	149.930	ug/l	91
17) Carbon Disulfide	4.198	76	12559	9.790	ug/l	98
25) 2-Butanone	6.990	43	6154	35.333	ug/l	94
31) Cyclohexane	7.783	56	16957	20.249	ug/l	84
39) Methylcyclohexane	9.185	83	50104	52.416	ug/l	88
83) tert-Butylbenzene	13.080	119	2488	2.945	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.123	105	3268	3.507	ug/l	95
85) sec-Butylbenzene	13.251	105	5820	4.647	ug/l #	50

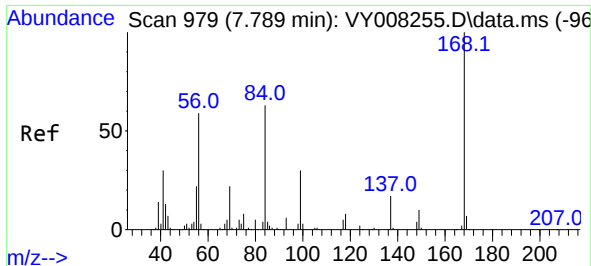
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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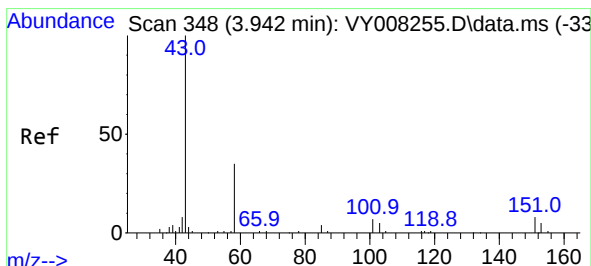
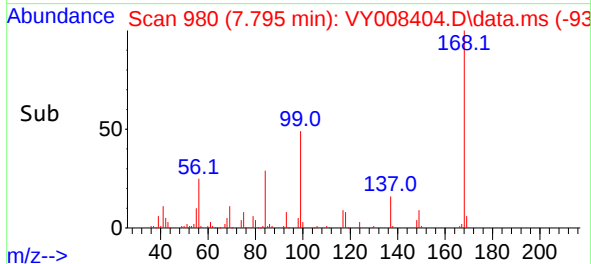
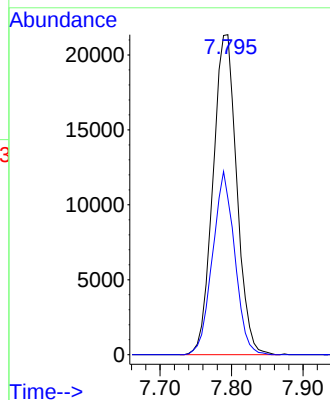
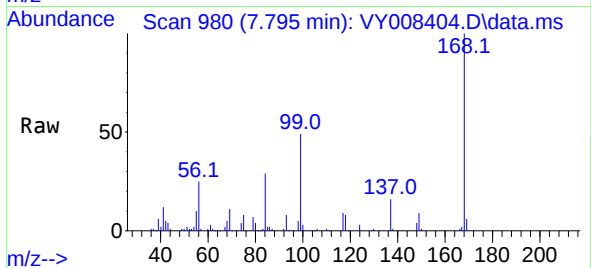




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

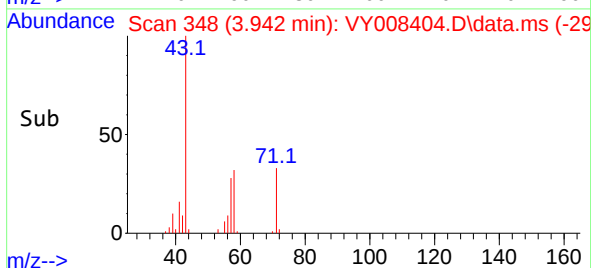
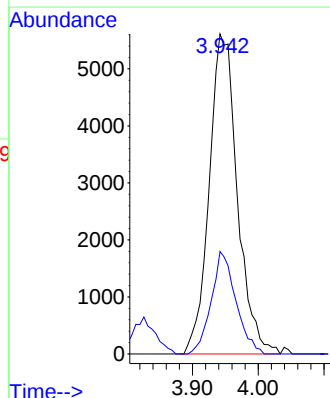
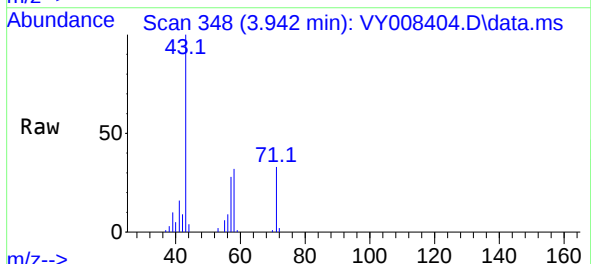
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GR

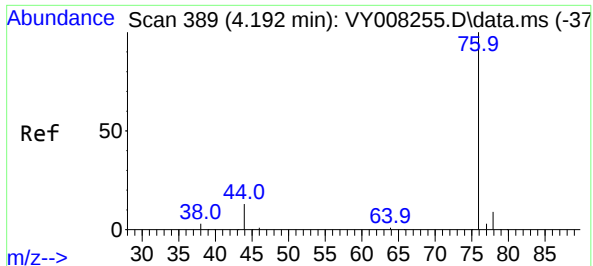
Tgt Ion:168 Resp: 49301
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#16
Acetone
Concen: 149.930 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

Tgt Ion: 43 Resp: 16700
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0





#17

Carbon Disulfide

Concen: 9.790 ug/l

RT: 4.198 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008404.D

Acq: 19 Apr 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

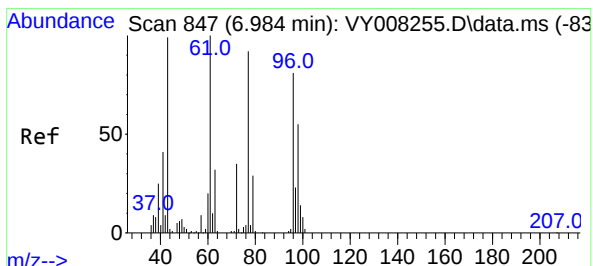
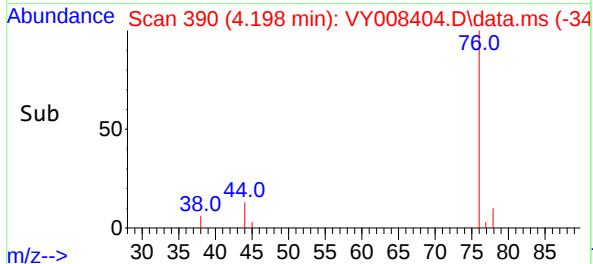
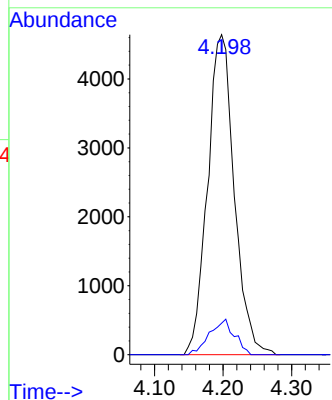
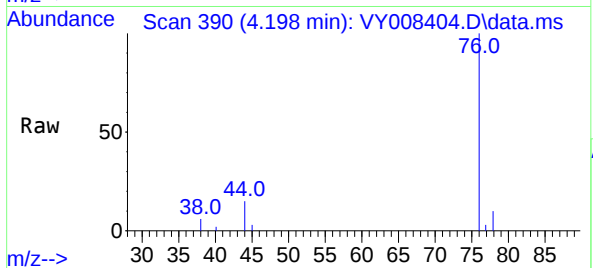
WC-15-1-6-GR

Tgt Ion: 76 Resp: 12559

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0



#25

2-Butanone

Concen: 35.333 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY008404.D

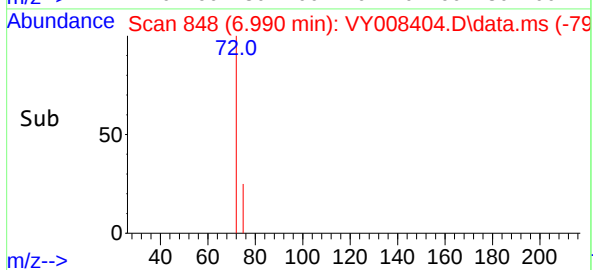
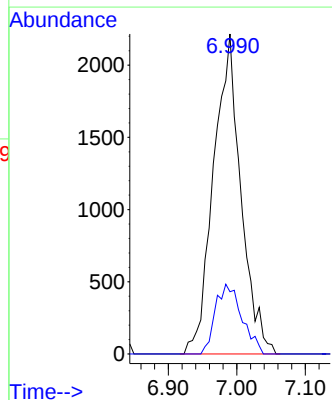
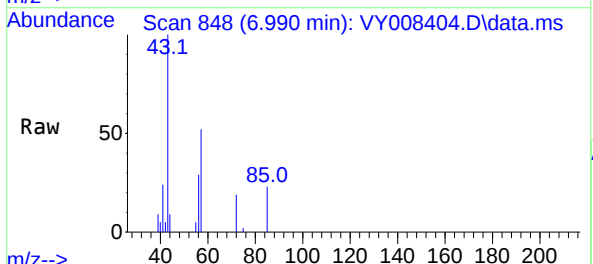
Acq: 19 Apr 2022 18:27

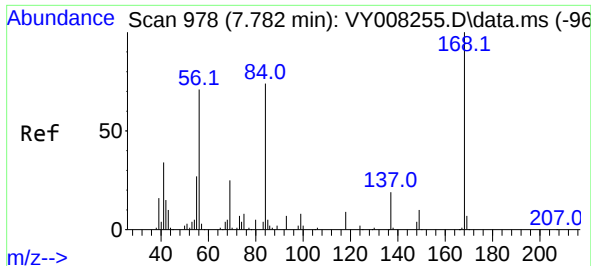
Tgt Ion: 43 Resp: 6154

Ion Ratio Lower Upper

43 100

72 19.4 17.7 26.5

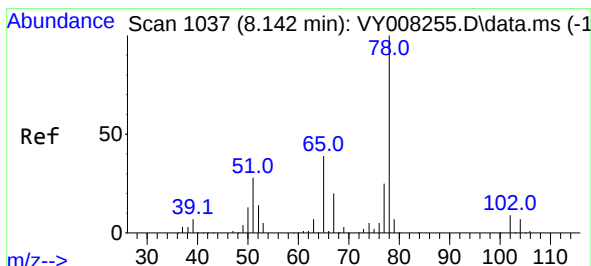
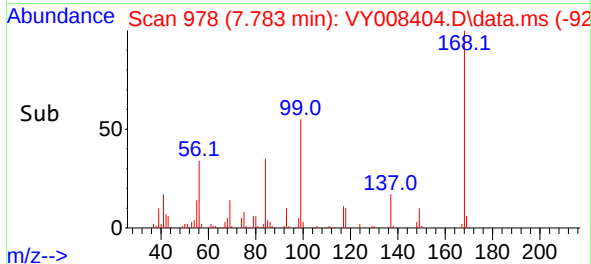
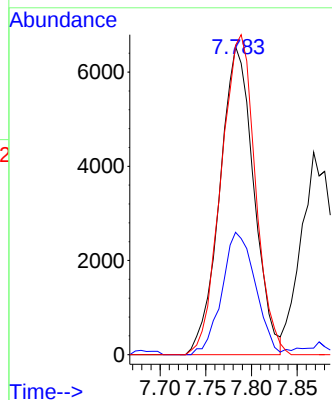
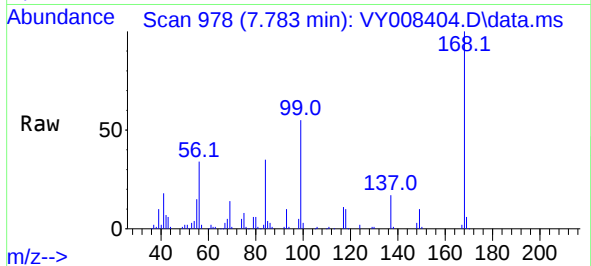




#31
Cyclohexane
Concen: 20.249 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

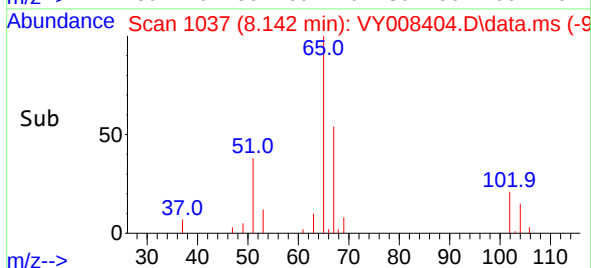
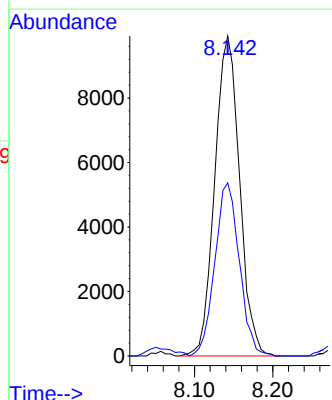
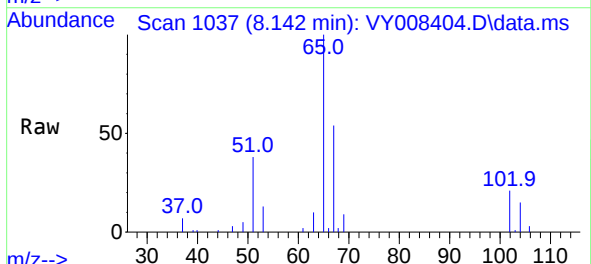
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GR

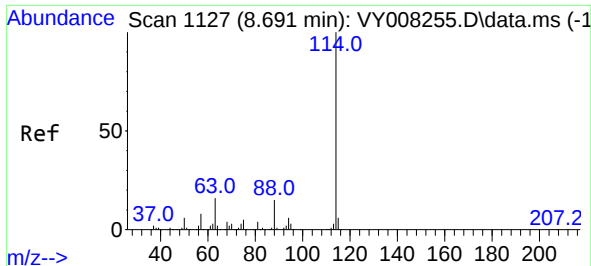
Tgt Ion: 56 Resp: 16957
Ion Ratio Lower Upper
56 100
69 39.7 26.7 40.1
84 100.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 47.213 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

Tgt Ion: 65 Resp: 21864
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: VY008404.D

Acq: 19 Apr 2022 18:27

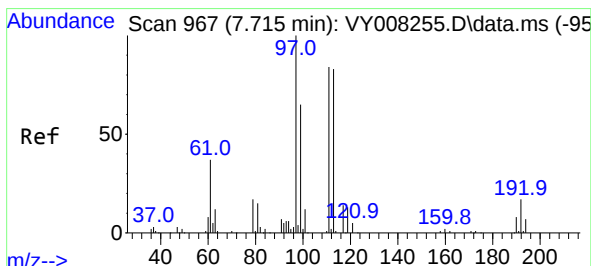
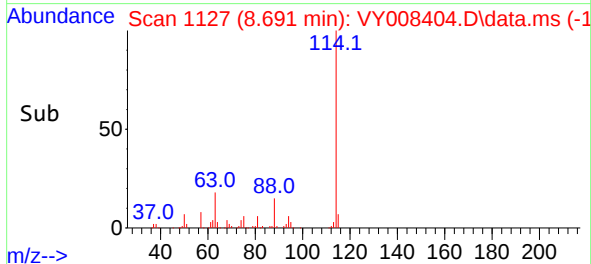
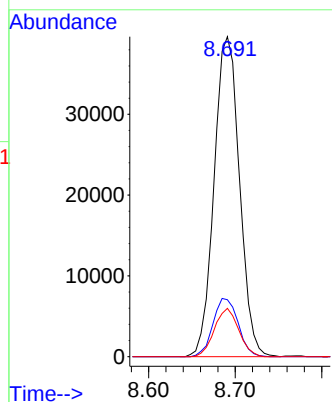
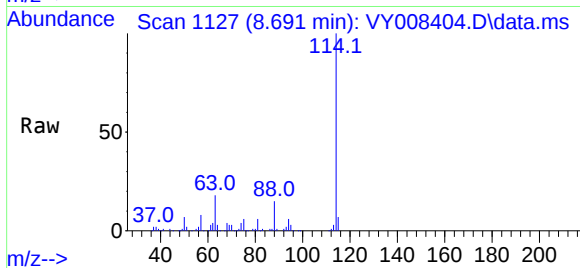
Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-6-GR

Tgt Ion:	114	Resp:	80550
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	43.2
88	15.1	0.0	31.8



#35

Dibromofluoromethane

Concen: 52.031 ug/l

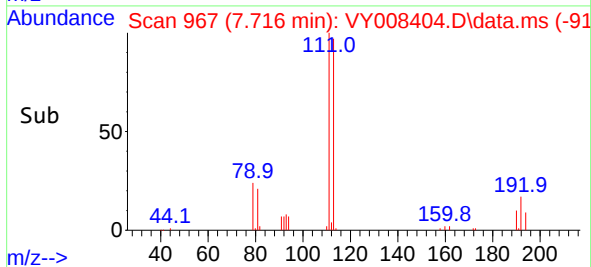
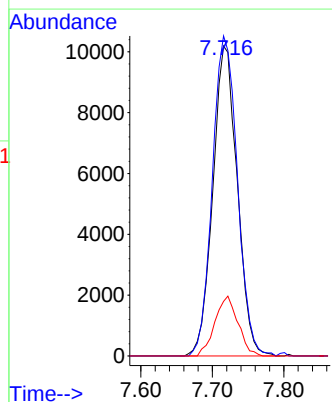
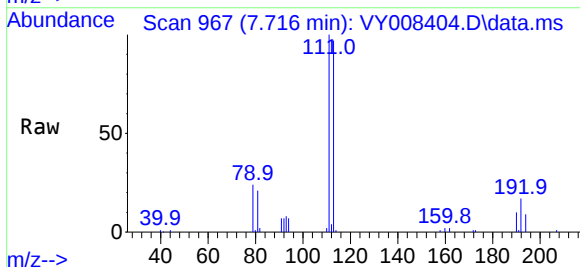
RT: 7.716 min Scan# 967

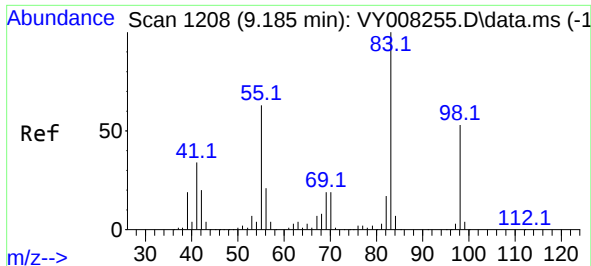
Delta R.T. 0.001 min

Lab File: VY008404.D

Acq: 19 Apr 2022 18:27

Tgt Ion:	113	Resp:	24207
Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.6	124.0
192	18.2	17.6	26.4





#39

Methylcyclohexane

Concen: 52.416 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008404.D

Acq: 19 Apr 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-6-GR

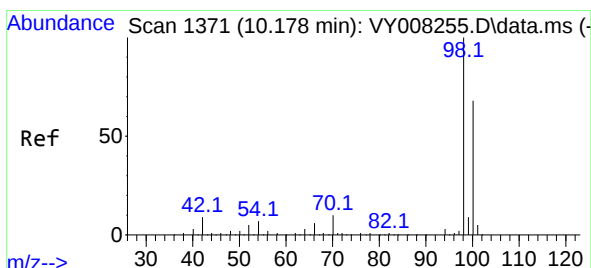
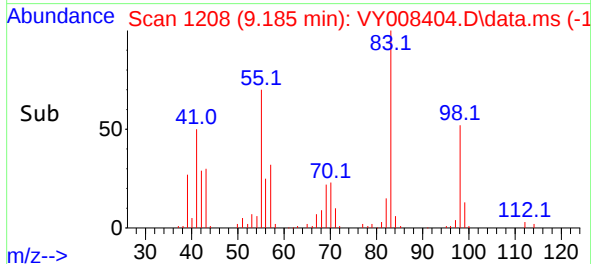
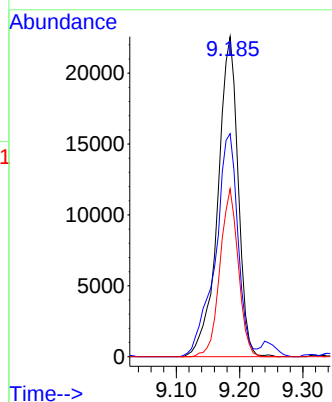
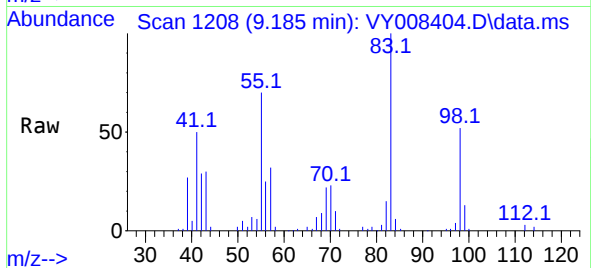
Tgt Ion: 83 Resp: 50104

Ion Ratio Lower Upper

83 100

55 69.7 66.5 99.7

98 52.5 37.9 56.9



#50

Toluene-d8

Concen: 59.899 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008404.D

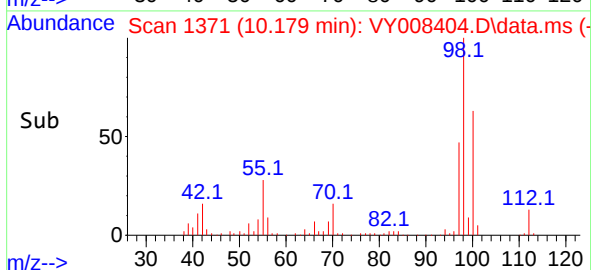
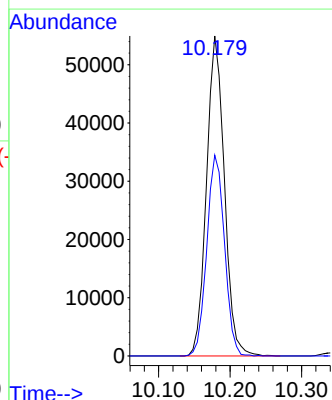
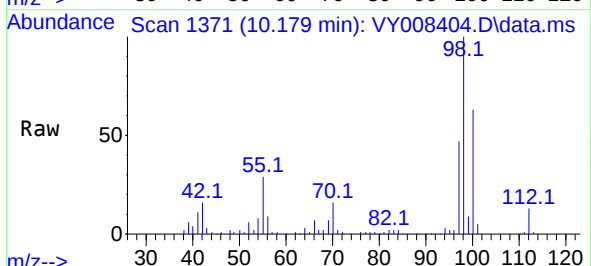
Acq: 19 Apr 2022 18:27

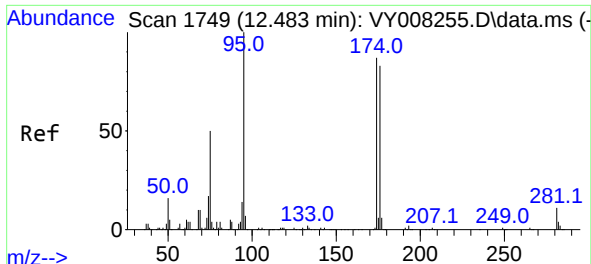
Tgt Ion: 98 Resp: 95357

Ion Ratio Lower Upper

98 100

100 62.3 50.2 75.2

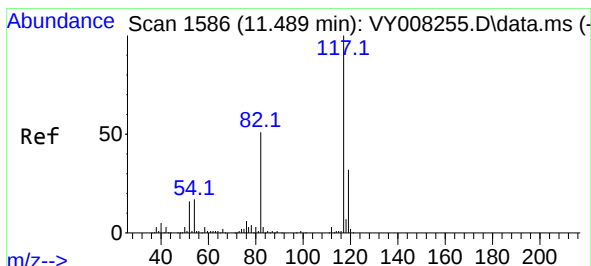
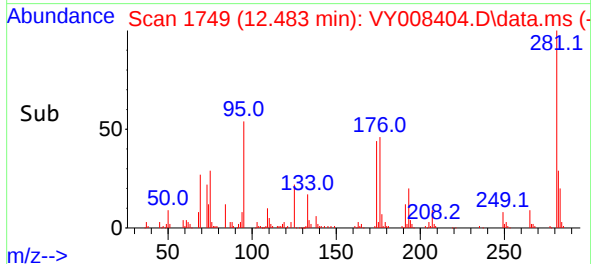
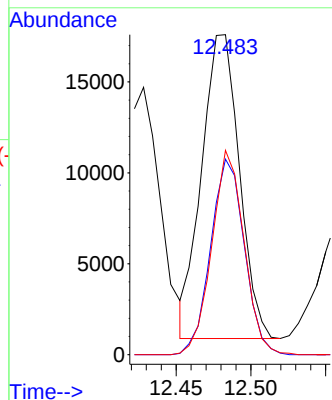
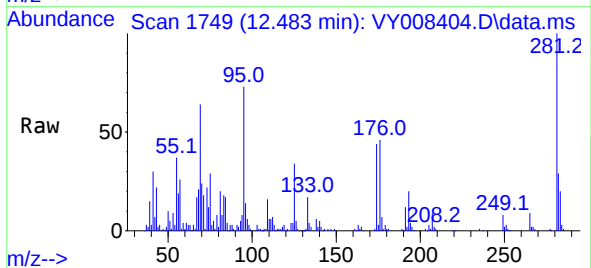




#62
4-Bromofluorobenzene
Concen: 48.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

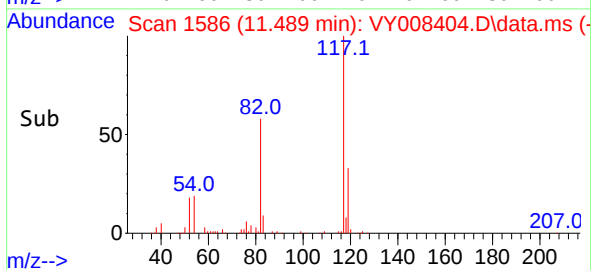
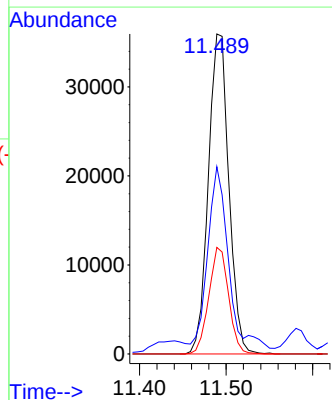
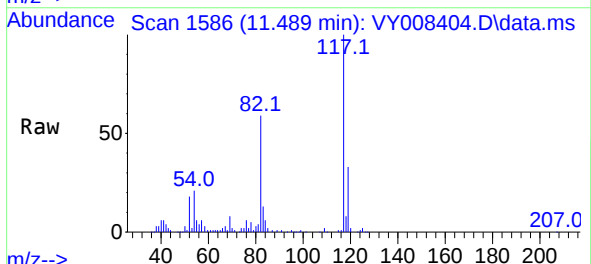
Instrument :
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WC-15-1-6-GR

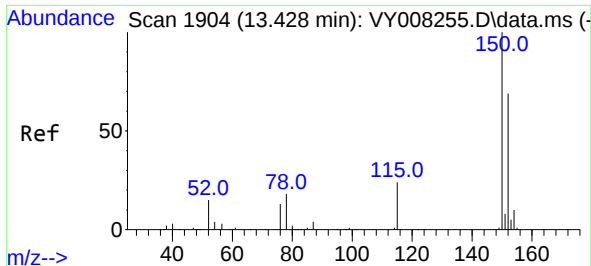
Tgt Ion:	95	Resp:	29264
Ion Ratio	100	Lower	Upper
174	57.7	0.0	177.0
176	57.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

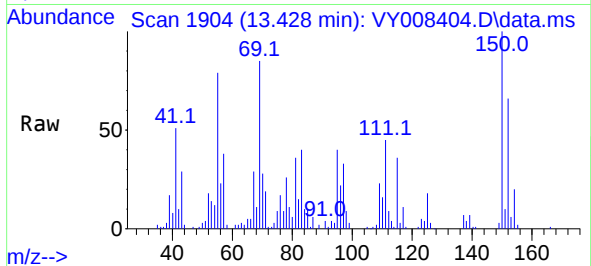
Tgt Ion:	117	Resp:	59069
Ion Ratio	100	Lower	Upper
82	56.2	43.0	64.4
119	33.3	25.4	38.0



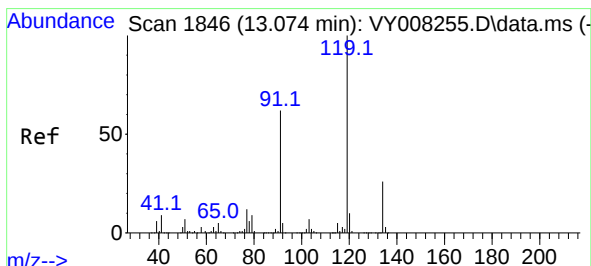
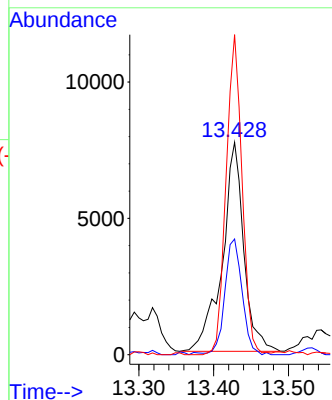
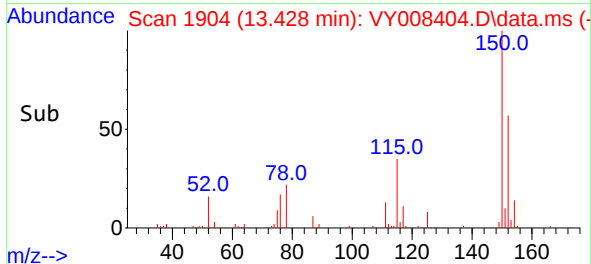


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

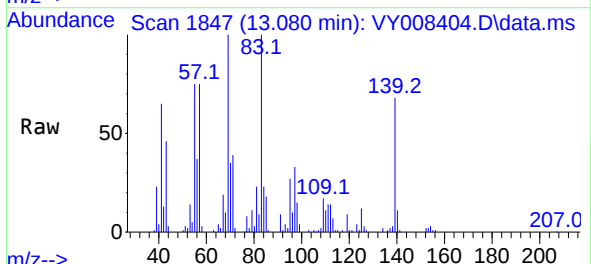
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GR



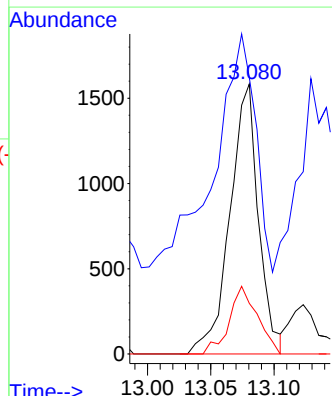
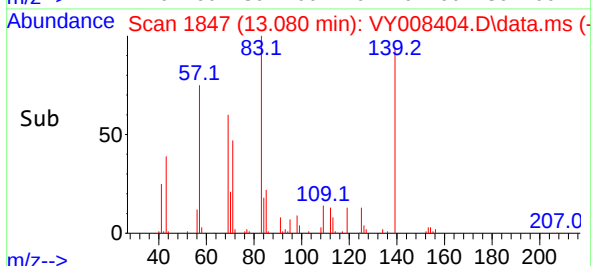
Tgt Ion:152 Resp: 15445
Ion Ratio Lower Upper
152 100
115 44.1 28.2 84.7
150 113.6 0.0 347.6

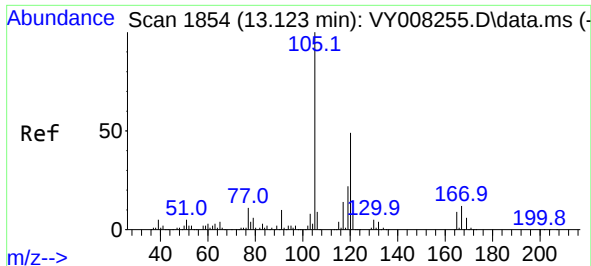


#83
tert-Butylbenzene
Concen: 2.945 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27



Tgt Ion:119 Resp: 2488
Ion Ratio Lower Upper
119 100
91 128.1 34.8 104.4#
134 24.8 13.3 39.9

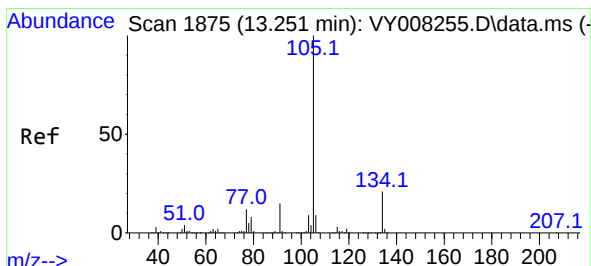
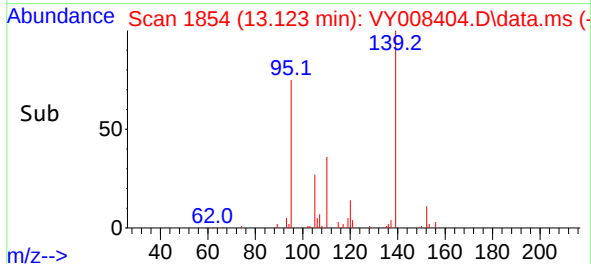
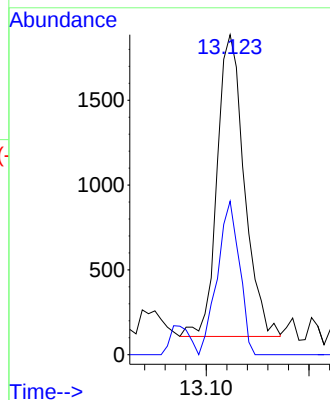
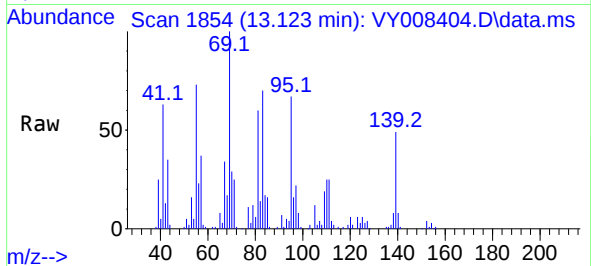




#84
1,2,4-Trimethylbenzene
Concen: 3.507 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-6-GR

Tgt Ion:105 Resp: 3268
Ion Ratio Lower Upper
105 100
120 41.2 22.3 66.9



#85
sec-Butylbenzene
Concen: 4.647 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY008404.D
Acq: 19 Apr 2022 18:27

Tgt Ion:105 Resp: 5820
Ion Ratio Lower Upper
105 100
134 43.5 10.2 30.4#

