

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008479.D
 Acq On : 25 Apr 2022 14:07
 Operator : KP/MD
 Sample : N2468-11
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-8

Quant Time: Apr 26 01:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	80731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	107600	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	345188	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41796	44.000	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.000%		
35) Dibromofluoromethane	7.716	113	42139	47.949	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.900%		
50) Toluene-d8	10.185	98	1431091	393.072	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	786.140%#		
62) 4-Bromofluorobenzene	12.495	95	2356001	1990.888	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	3981.780%#		
Target Compounds					Qvalue	
16) Acetone	3.942	43	74005	334.485	ug/l	95
17) Carbon Disulfide	4.192	76	35743	13.547	ug/l	100
25) 2-Butanone	6.990	43	33649	98.306	ug/l	100
31) Cyclohexane	7.783	56	447855	286.793	ug/l	# 84
39) Methylcyclohexane	9.185	83	5909222	3301.367	ug/l	# 79
40) Benzene	8.161	78	4522	1.109	ug/l	98
68) m/p-Xylenes	11.703	106	73143	43.246	ug/l	# 1
69) o-Xylene	12.038	106	38341	23.547	ug/l	# 1
73) Isopropylbenzene	12.343	105	4319100	165.028	ug/l	94
83) tert-Butylbenzene	13.087	119	1301679	69.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	1370419	63.579	ug/l	97
85) sec-Butylbenzene	13.264	105	6636093	233.169	ug/l	# 59
86) p-Isopropyltoluene	13.379	119	135216m	5.673	ug/l	
89) n-Butylbenzene	13.703	91	687472	31.779	ug/l	# 79

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

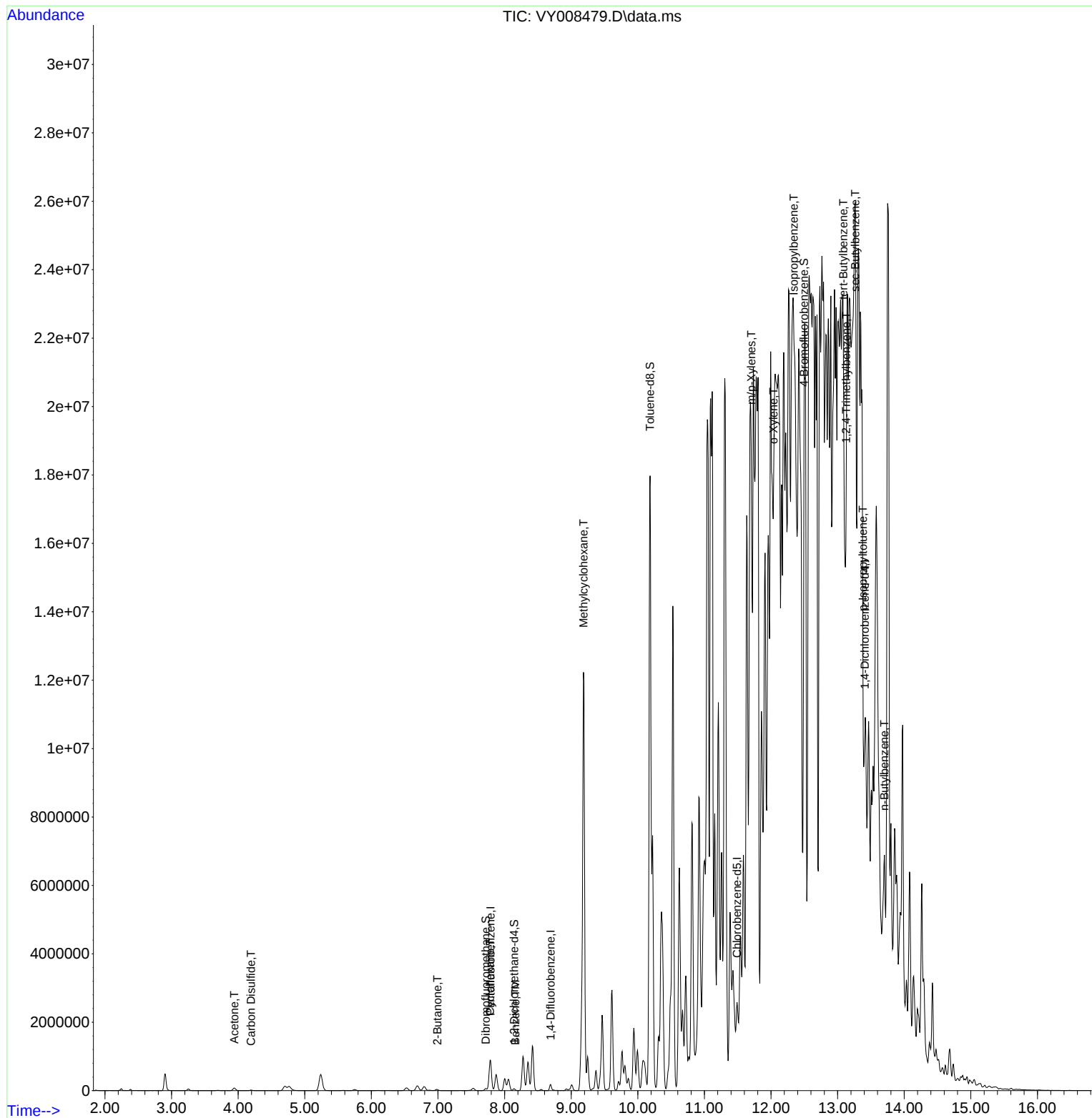
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
Data File : VY008479.D
Acq On : 25 Apr 2022 14:07
Operator : KP/MD
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Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
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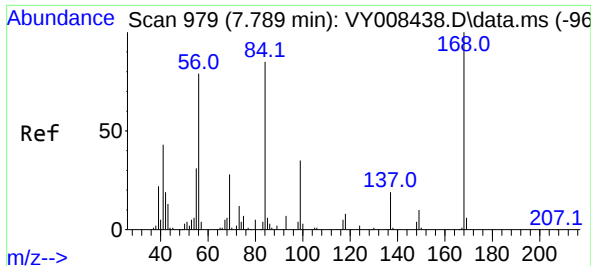
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

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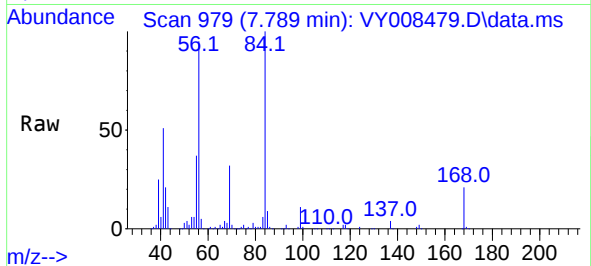
Quant Time: Apr 26 01:55:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

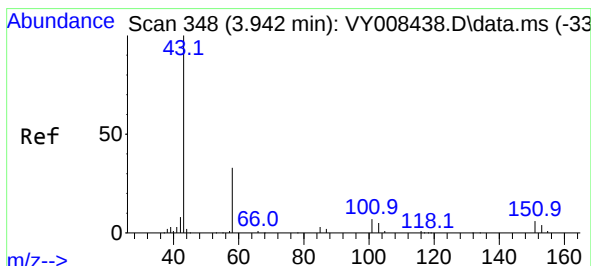
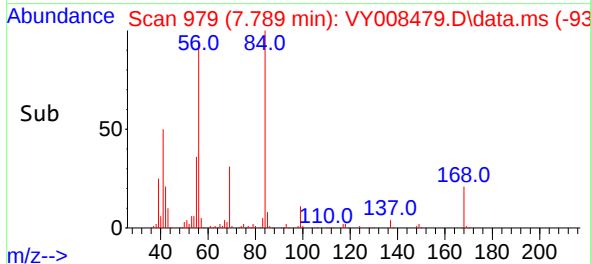
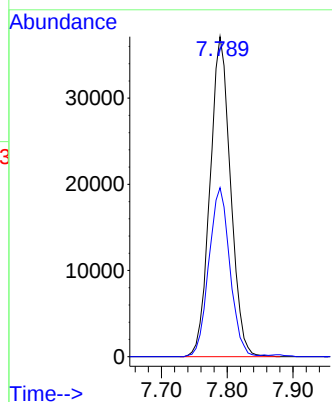
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8



Tgt Ion:168 Resp: 8073
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3

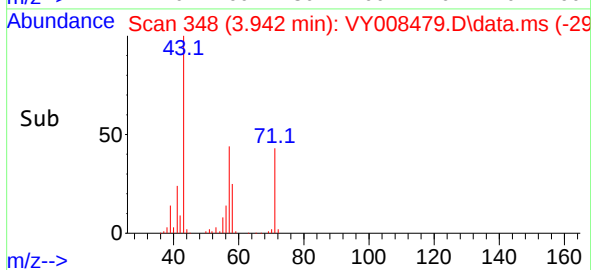
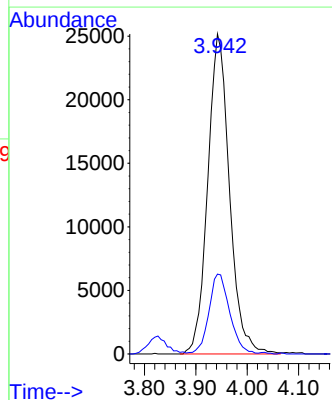
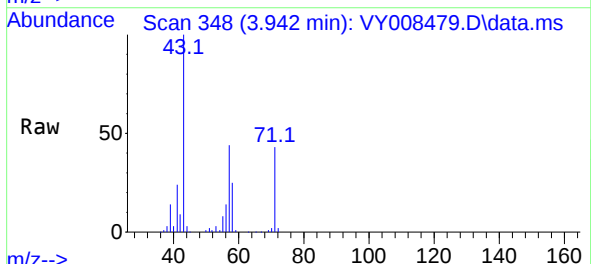
Manual Integrations
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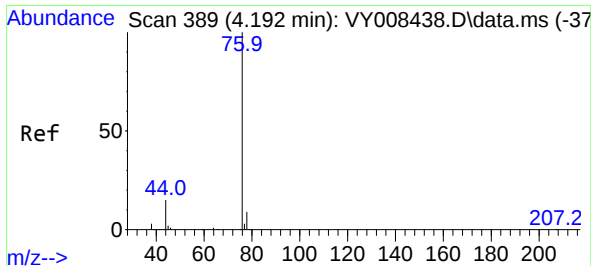
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#16
Acetone
Concen: 334.485 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 43 Resp: 74005
Ion Ratio Lower Upper
43 100
58 24.6 22.0 33.0





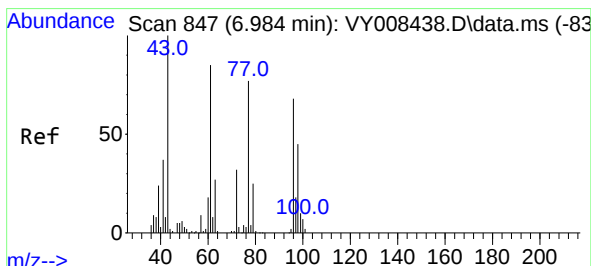
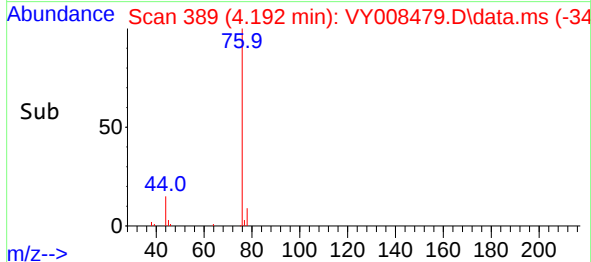
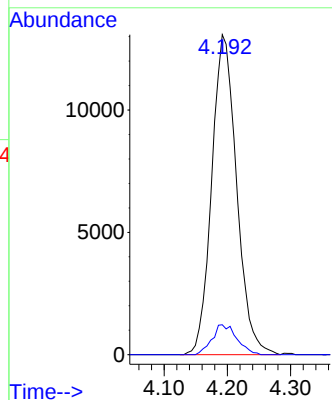
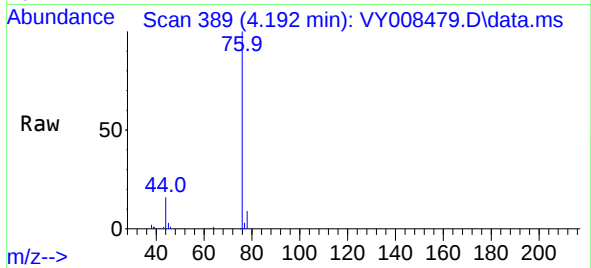
#17
Carbon Disulfide
Concen: 13.547 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

Tgt Ion: 76 Resp: 3574
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

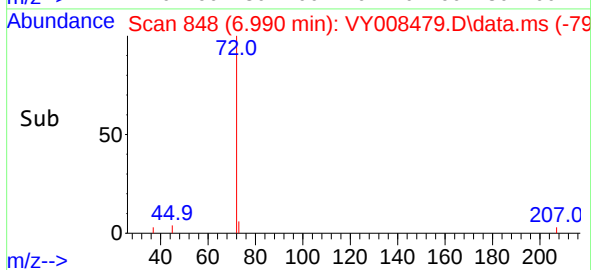
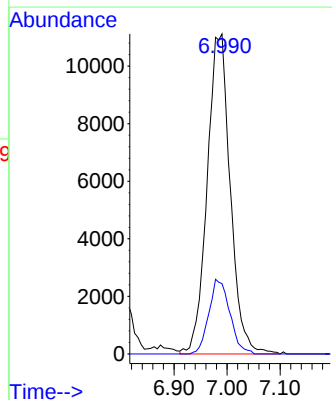
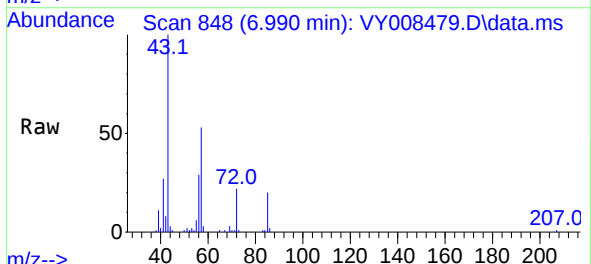
Manual Integrations
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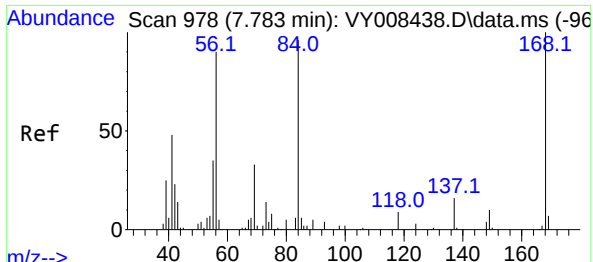
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#25
2-Butanone
Concen: 98.306 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

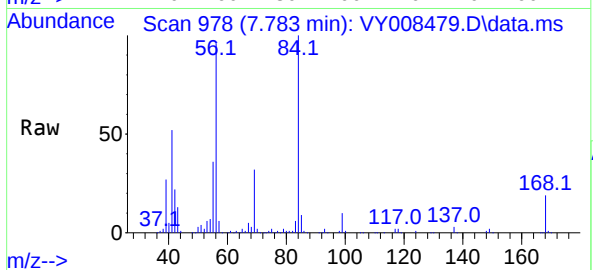
Tgt Ion: 43 Resp: 33649
Ion Ratio Lower Upper
43 100
72 22.0 17.7 26.5





#31
Cyclohexane
Concen: 286.793 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

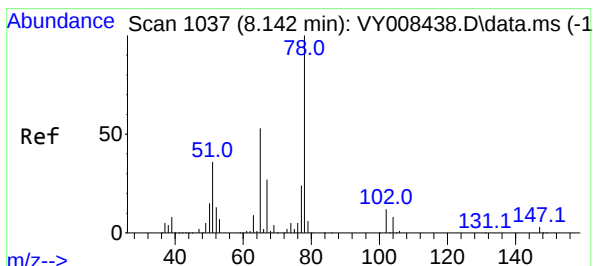
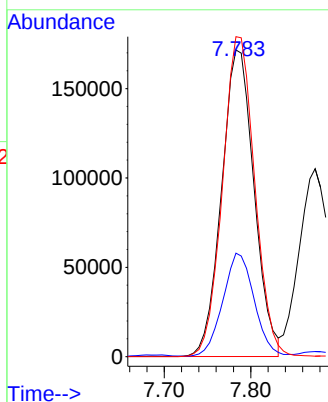
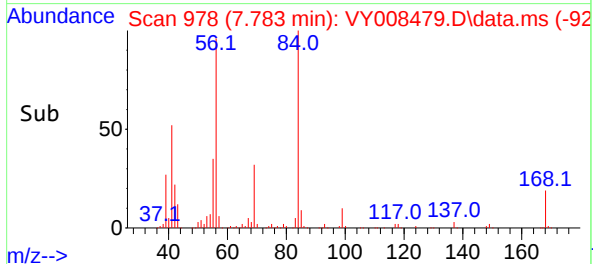
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8



Tgt Ion: 56 Resp: 44785
Ion Ratio Lower Upper
56 100
69 33.6 26.7 40.1
84 104.4 67.2 100.8

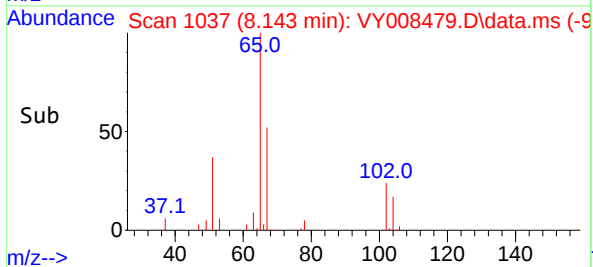
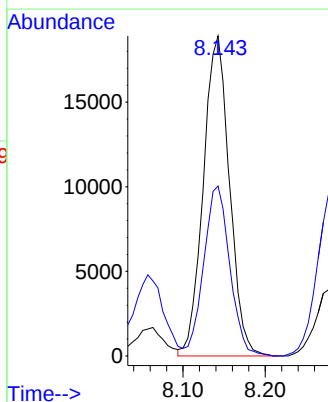
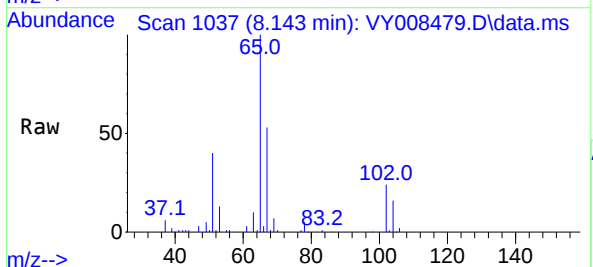
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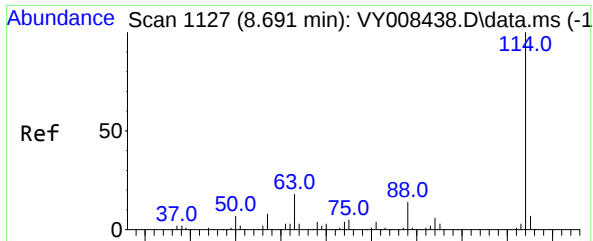
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#33
1,2-Dichloroethane-d4
Concen: 44.000 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

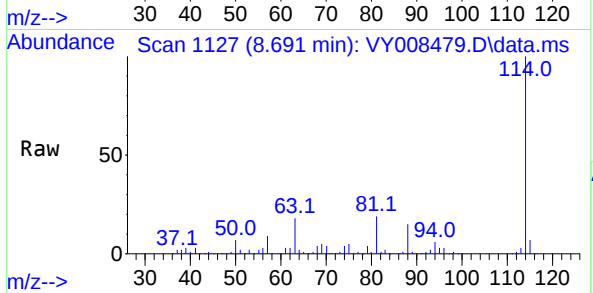
Tgt Ion: 65 Resp: 41796
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

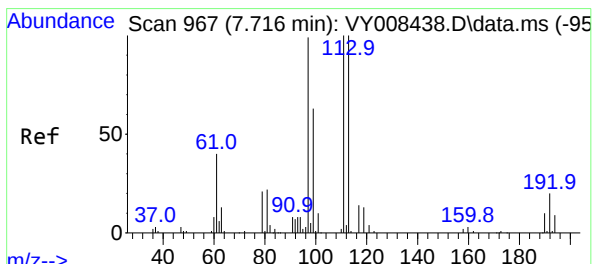
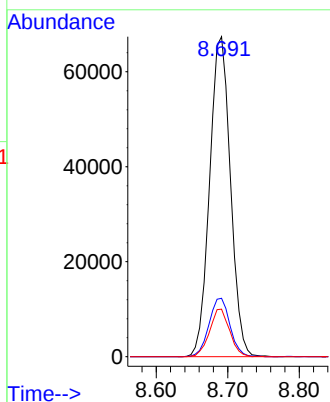
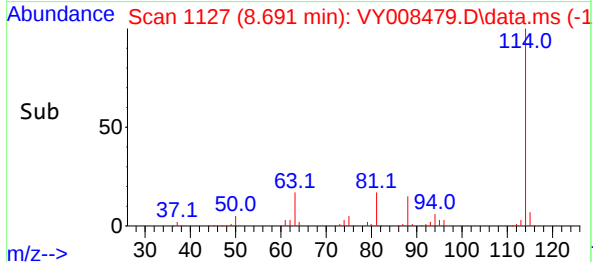
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8



Tgt Ion:114 Resp: 13617
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 14.8 0.0 31.8

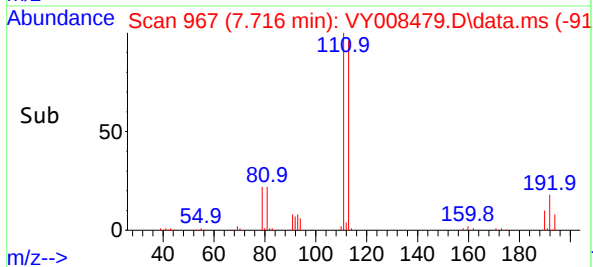
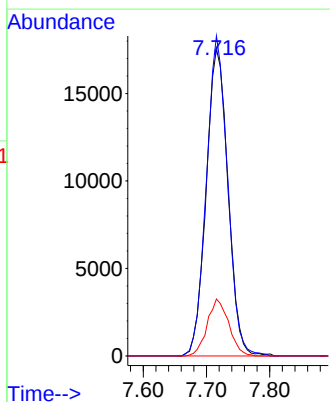
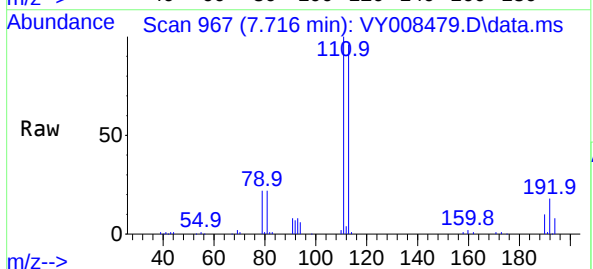
Manual Integrations
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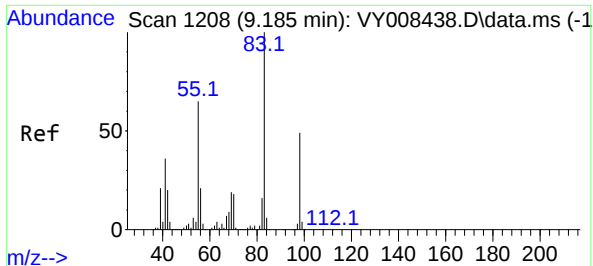
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#35
Dibromofluoromethane
Concen: 47.949 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion:113 Resp: 42139
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 18.2 17.6 26.4





#39

Methylcyclohexane

Concen: 3301.367 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008479.D

Acq: 25 Apr 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-8

Tgt Ion: 83 Resp: 590922

Ion Ratio Lower Upper

83 100

55 58.4 66.5 99.7

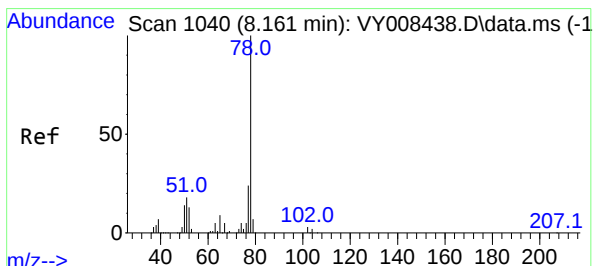
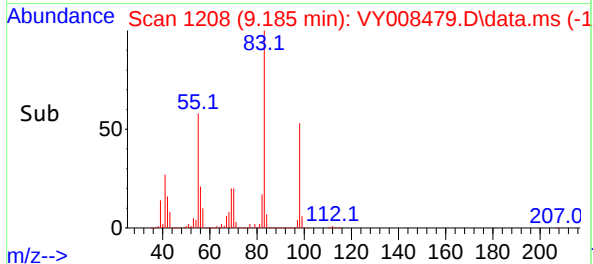
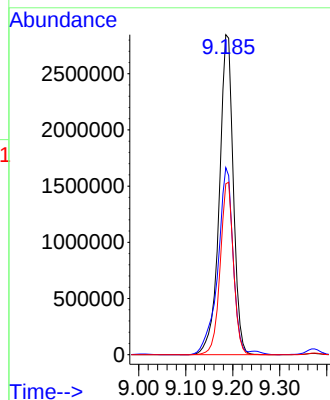
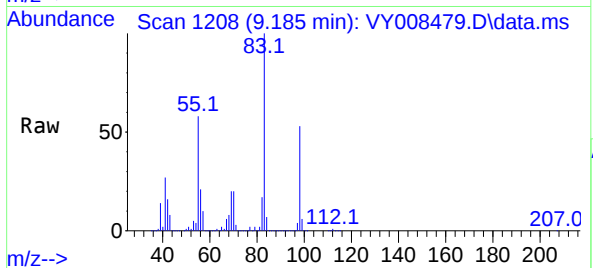
98 53.4 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#40

Benzene

Concen: 1.109 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008479.D

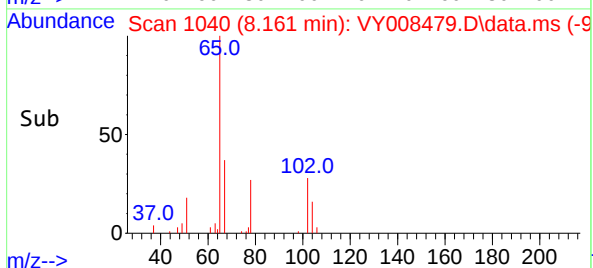
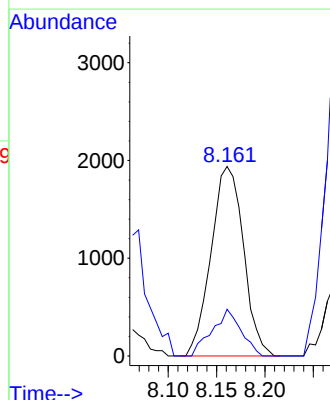
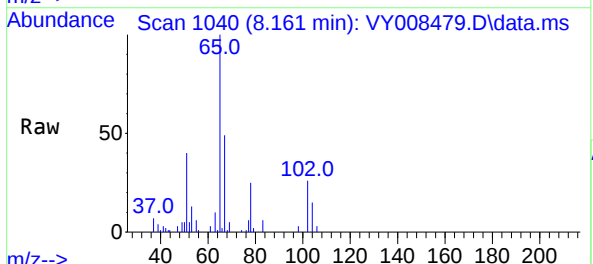
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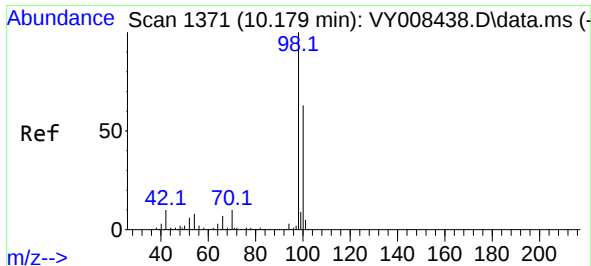
Tgt Ion: 78 Resp: 4522

Ion Ratio Lower Upper

78 100

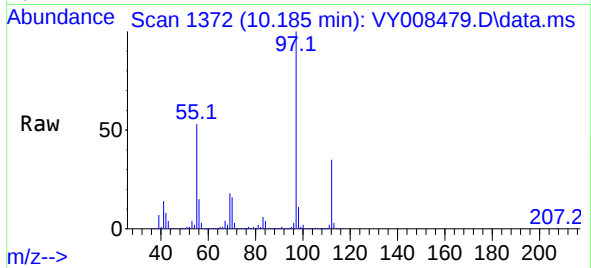
77 24.7 20.4 30.6





#50
Toluene-d8
Concen: 393.072 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

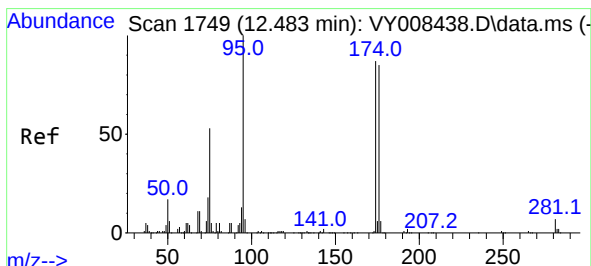
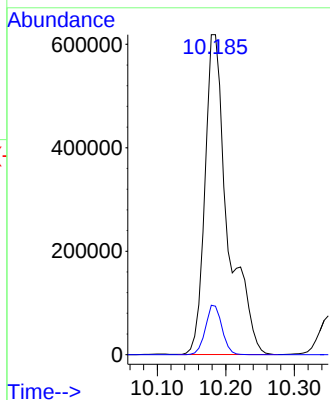
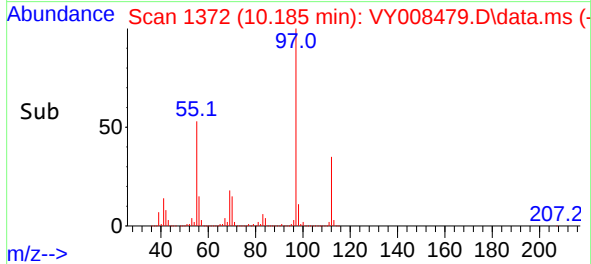
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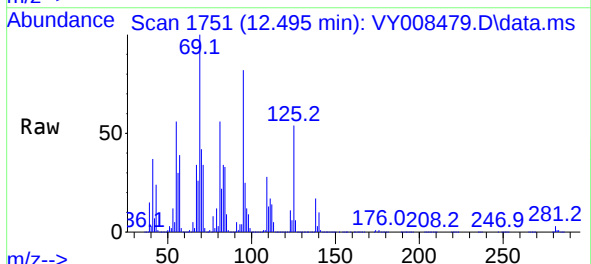
Tgt Ion: 98 Resp: 143109
Ion Ratio Lower Upper
98 100
100 11.2 50.2 75.2

Manual Integrations
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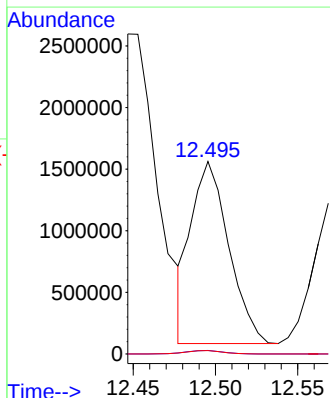
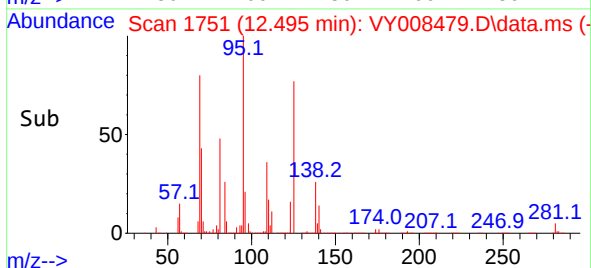
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

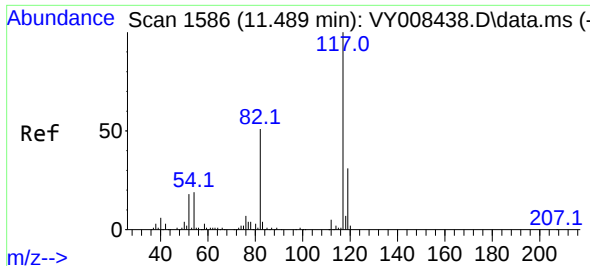


#62
4-Bromofluorobenzene
Concen: 1990.888 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07



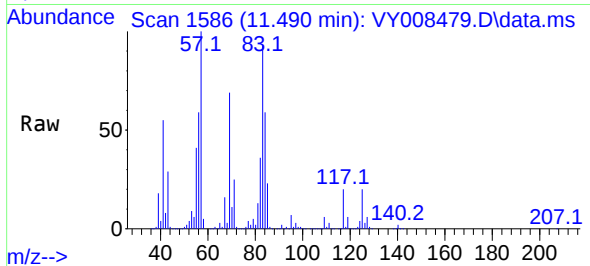
Tgt Ion: 95 Resp: 2356001
Ion Ratio Lower Upper
95 100
174 1.9 0.0 177.0
176 1.8 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

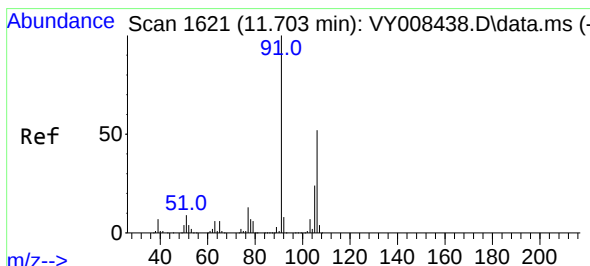
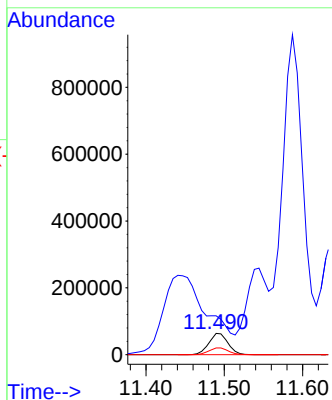
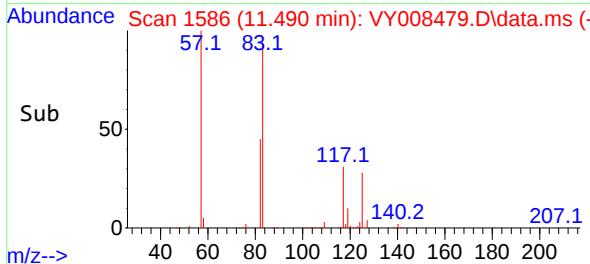
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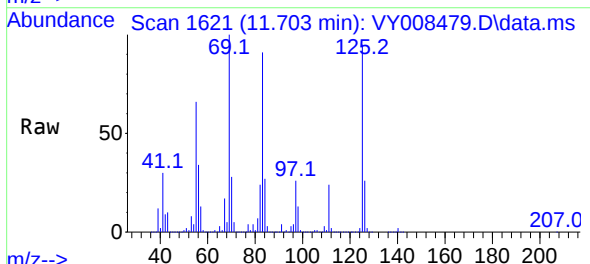
Tgt Ion:117 Resp: 107600
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4
119 31.5 25.4 38.0

Manual Integrations
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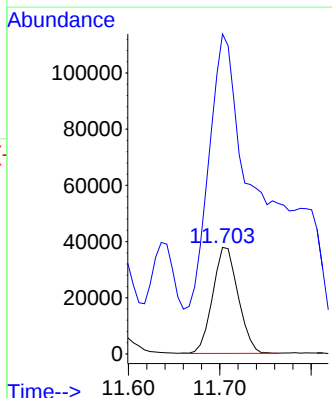
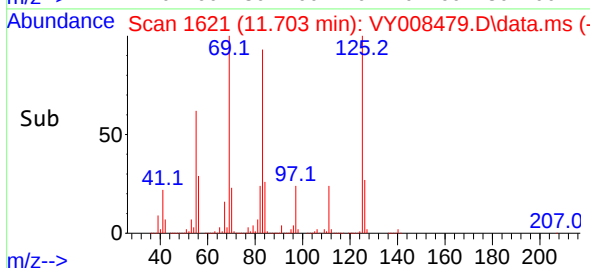
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

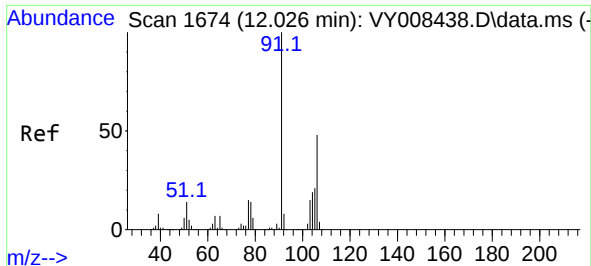


#68
m/p-Xylenes
Concen: 43.246 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07



Tgt Ion:106 Resp: 73143
Ion Ratio Lower Upper
106 100
91 468.4 166.6 249.8#





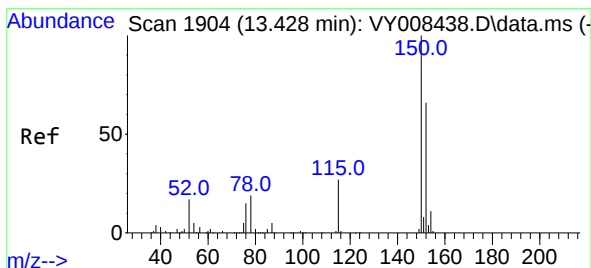
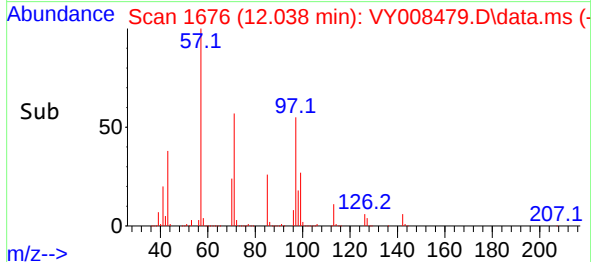
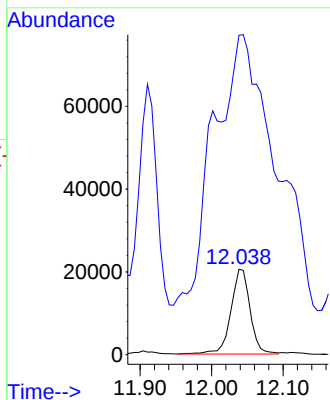
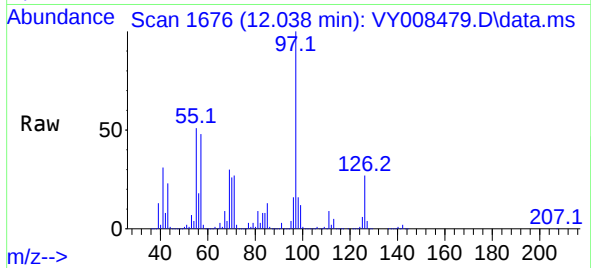
#69
o-Xylene
Concen: 23.547 ug/l
RT: 12.038 min Scan# 106
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8

Tgt Ion:106 Resp: 3834
Ion Ratio Lower Upper
106 100
91 751.3 110.3 331.0

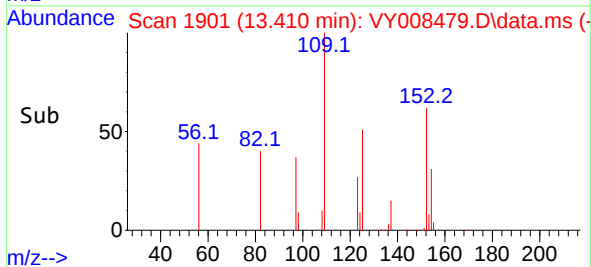
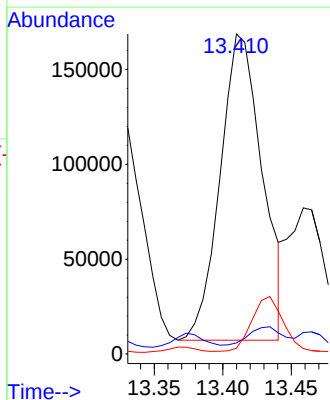
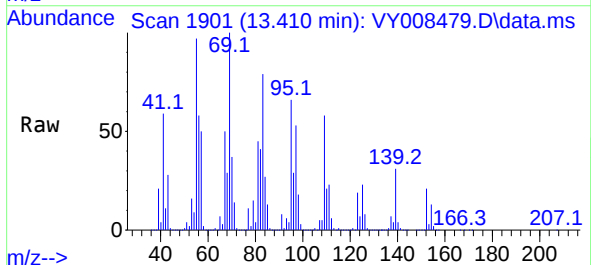
Manual Integrations
APPROVED

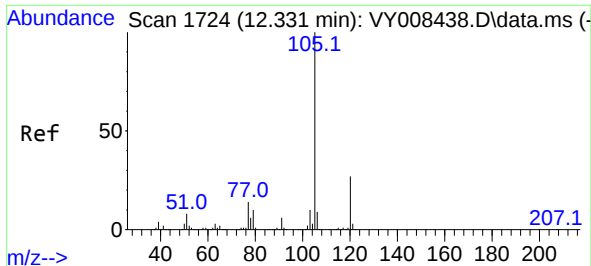
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1901
Delta R.T. -0.018 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

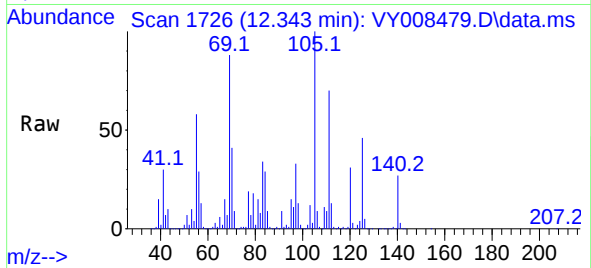
Tgt Ion:152 Resp: 345188
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6





#73
Isopropylbenzene
Concen: 165.028 ug/l
RT: 12.343 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

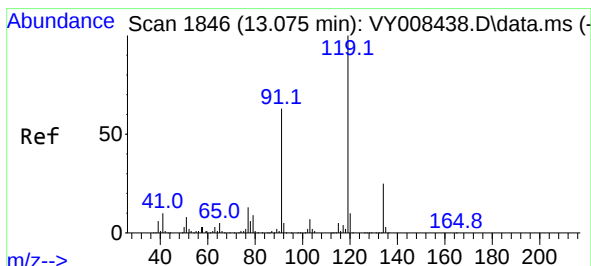
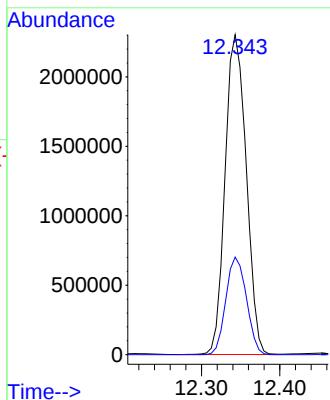
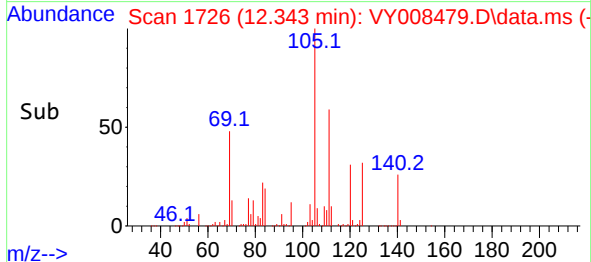
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8



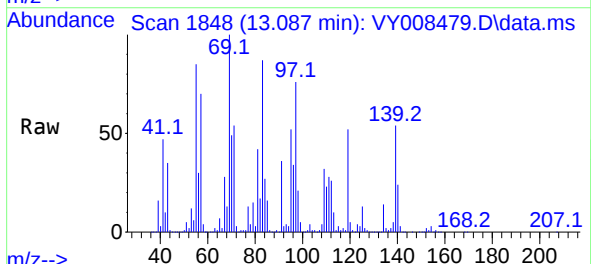
Tgt Ion:105 Resp: 4319100
Ion Ratio Lower Upper
105 100
120 29.7 13.4 40.2

Manual Integrations
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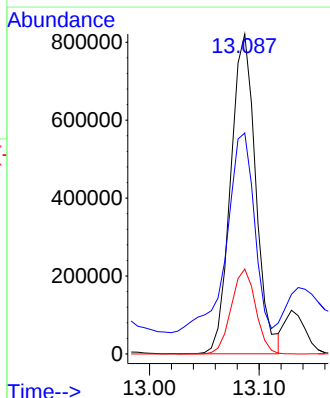
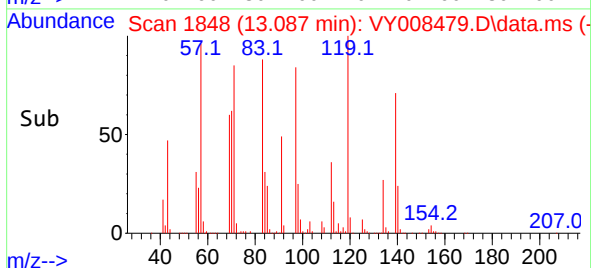
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

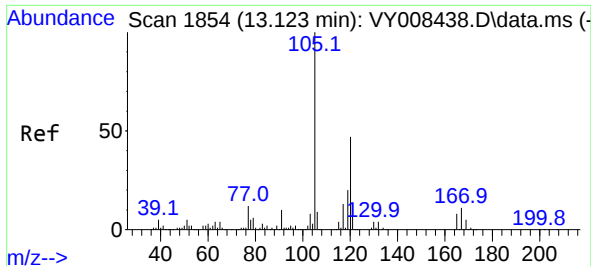


#83
tert-Butylbenzene
Concen: 69.024 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07



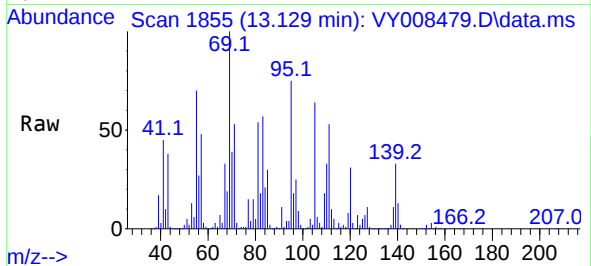
Tgt Ion:119 Resp: 1301679
Ion Ratio Lower Upper
119 100
91 68.6 34.8 104.4
134 25.8 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 63.579 ug/l
RT: 13.129 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

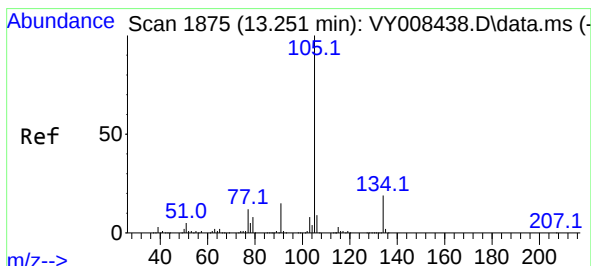
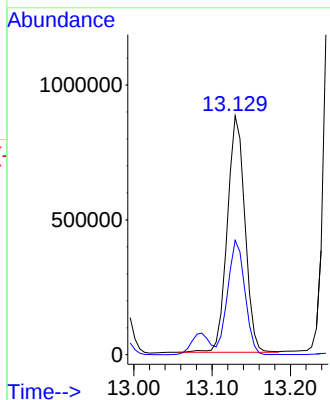
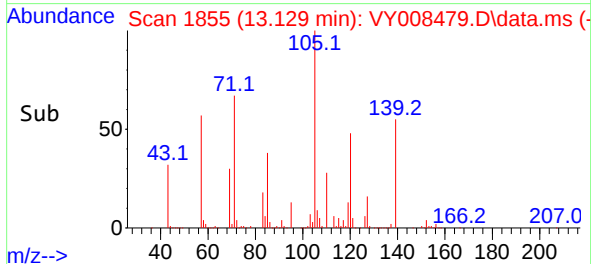
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8



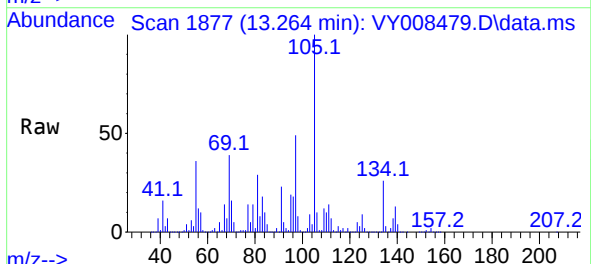
Tgt Ion:105 Resp: 1370419
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.9

Manual Integrations
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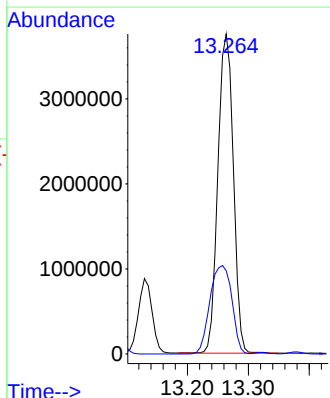
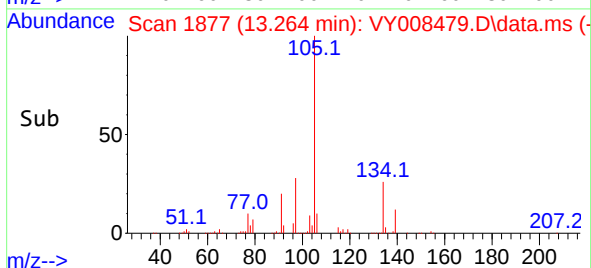
Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

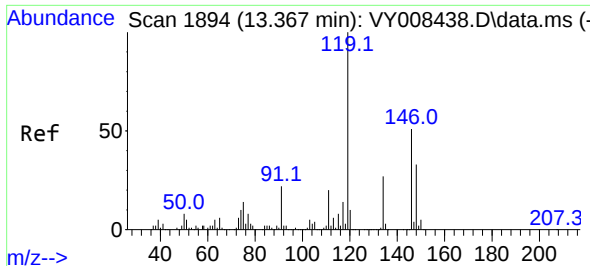


#85
sec-Butylbenzene
Concen: 233.169 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.013 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07



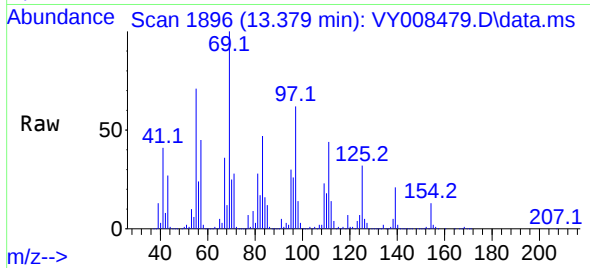
Tgt Ion:105 Resp: 6636093
Ion Ratio Lower Upper
105 100
134 39.2 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 5.673 ug/l m
RT: 13.379 min Scan# 1894
Delta R.T. 0.012 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

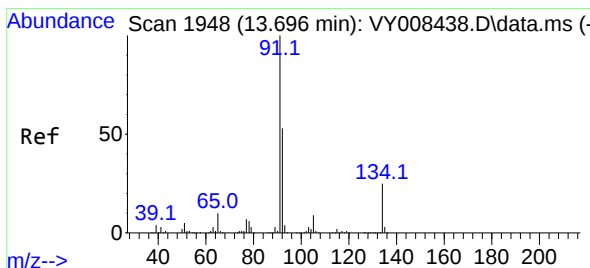
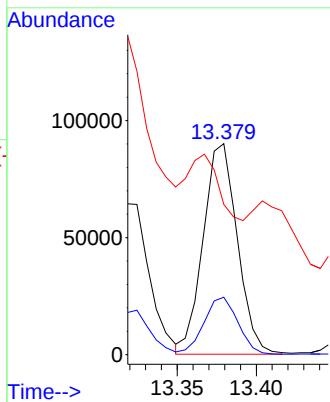
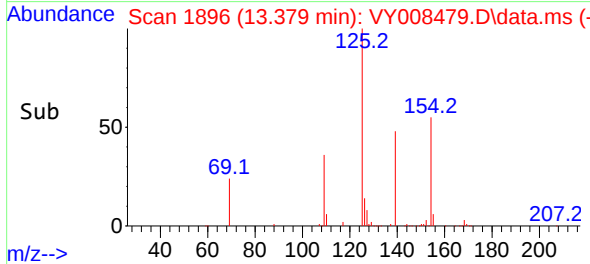
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-8



Tgt Ion:119 Resp: 135210
Ion Ratio Lower Upper
119 100
134 336.0 13.2 39.5
91 327.1 12.4 37.2

Manual Integrations
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Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#89
n-Butylbenzene
Concen: 31.779 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY008479.D
Acq: 25 Apr 2022 14:07

Tgt Ion: 91 Resp: 687472
Ion Ratio Lower Upper
91 100
92 46.6 26.3 78.9
134 49.8 13.0 38.9

