

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008525.D
 Acq On : 27 Apr 2022 14:24
 Operator : KP/MD
 Sample : N2577-03
 Misc : 6.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-06-(8.5-10)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: Apr 28 01:32:00 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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	76908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	120535	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.416	152	210527m	50.000	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	42149	46.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.160%
35) Dibromofluoromethane	7.722	113	42645	47.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.185	98	2861319	767.785	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	1535.580%#
62) 4-Bromofluorobenzene	12.502	95	2287437	1893.487	ug/l	0.02
Spiked Amount	50.000	Range	25 - 144	Recovery	=	3786.980%#

Target Compounds

						Qvalue
16) Acetone	3.948	43	36988	175.487	ug/l	100
17) Carbon Disulfide	4.198	76	13398	5.331	ug/l	97
25) 2-Butanone	6.996	43	16879	51.763	ug/l #	86
31) Cyclohexane	7.795	56	209648	140.926	ug/l #	85
39) Methylcyclohexane	9.197	83	7281823	3985.157	ug/l #	82
73) Isopropylbenzene	12.355	105	8067244	505.402	ug/l	93
78) n-propylbenzene	12.697	91	9357085	488.721	ug/l	82
83) tert-Butylbenzene	13.087	119	750223	65.228	ug/l	92
84) 1,2,4-Trimethylbenzene	13.136	105	401189	30.518	ug/l	94
85) sec-Butylbenzene	13.264	105	8262635	476.019	ug/l #	72
89) n-Butylbenzene	13.703	91	1221272	92.563	ug/l #	84

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

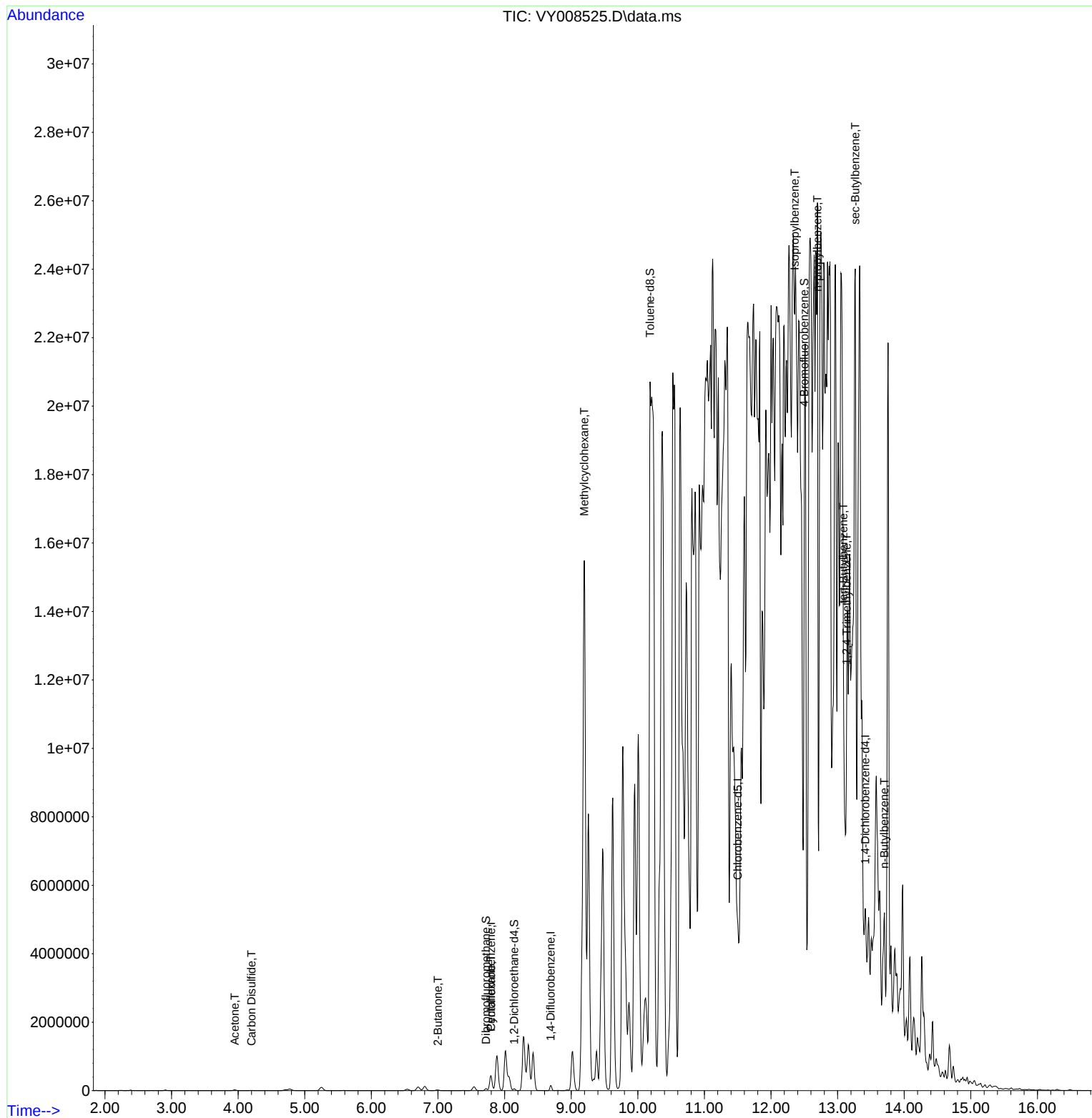
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008525.D
Acq On : 27 Apr 2022 14:24
Operator : KP/MD
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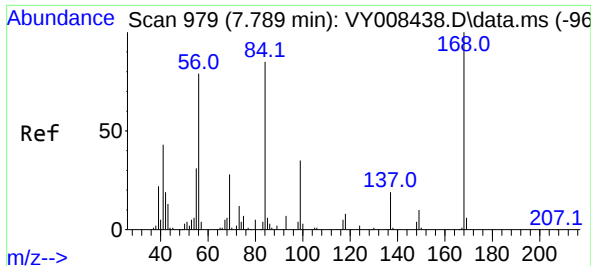
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(8.5-10)

Quant Time: Apr 28 01:32:00 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

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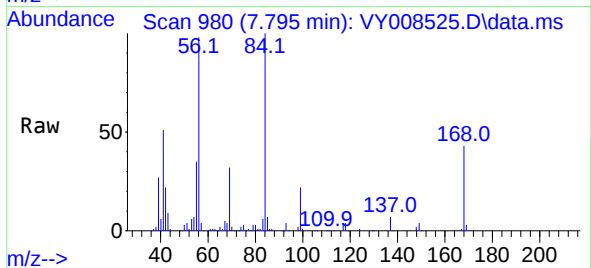
Reviewed By : John Carlone 04/28/2022
Supervised By : Mahesh Dadoda 05/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

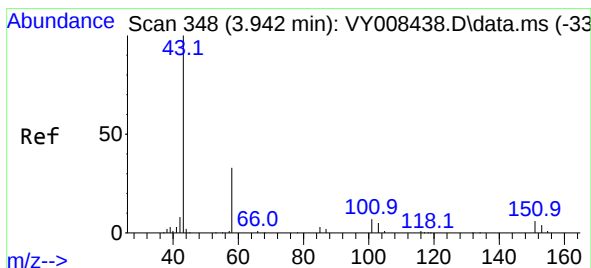
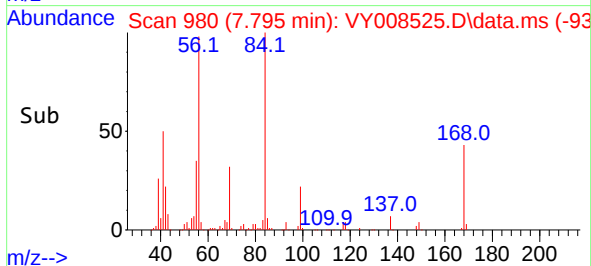
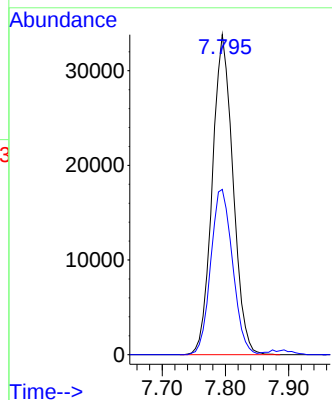
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(8.5-10)



Tgt Ion:168 Resp: 76908
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3

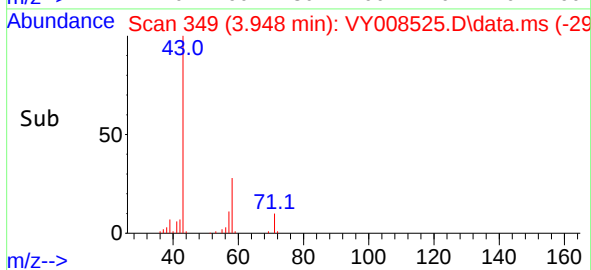
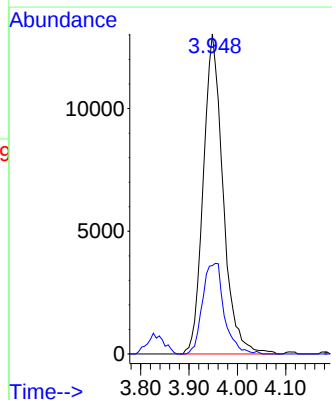
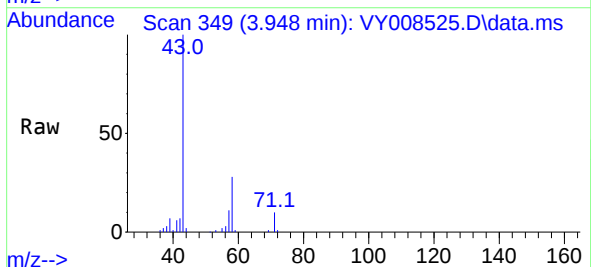
Manual Integrations
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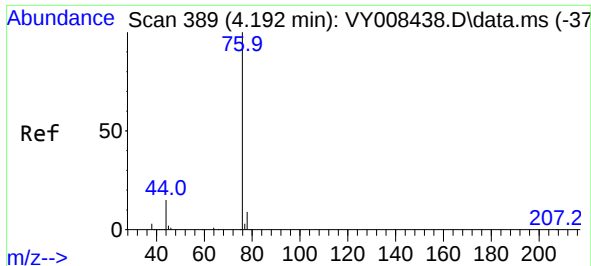
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#16
Acetone
Concen: 175.487 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

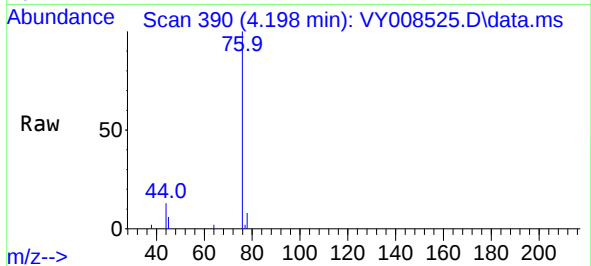
Tgt Ion: 43 Resp: 36988
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0





#17
Carbon Disulfide
Concen: 5.331 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

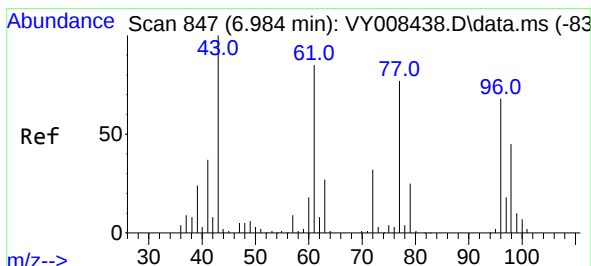
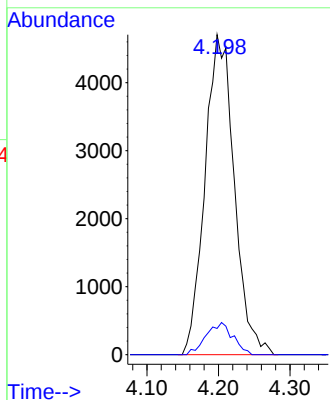
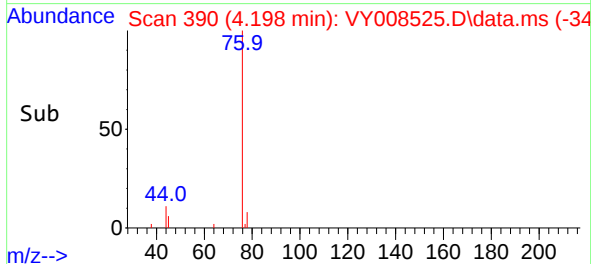
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(8.5-10)



Tgt Ion: 76 Resp: 13398
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

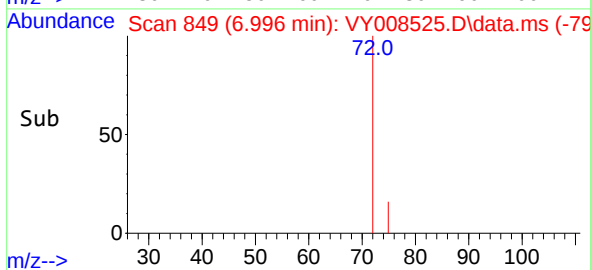
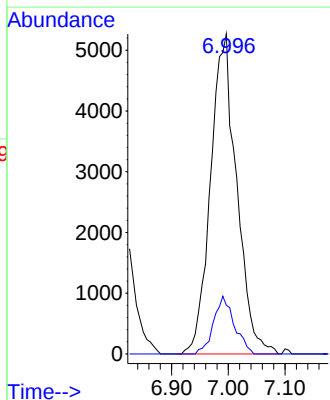
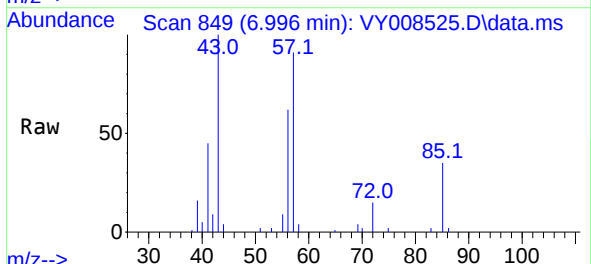
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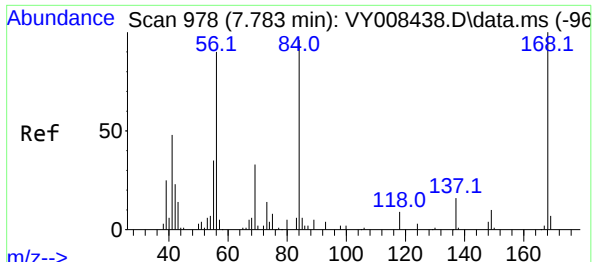
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#25
2-Butanone
Concen: 51.763 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

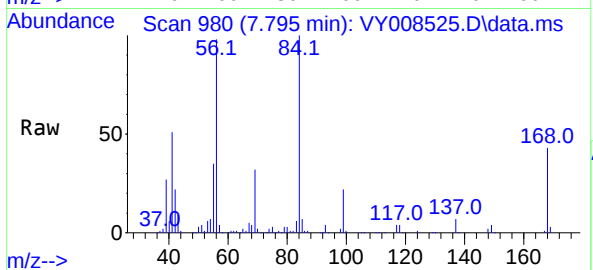
Tgt Ion: 43 Resp: 16879
Ion Ratio Lower Upper
43 100
72 15.2 17.7 26.5#





#31
Cyclohexane
Concen: 140.926 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

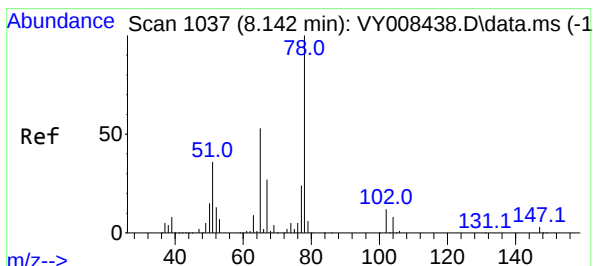
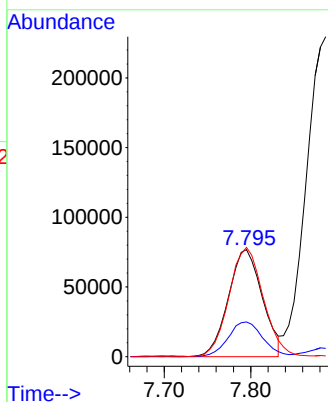
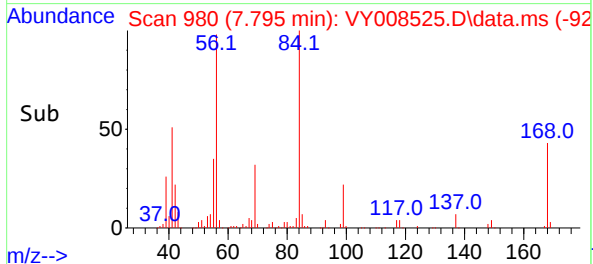
Instrument :
MSVOA_Y
Client Sample Id :
GT-06-(8.5-10)



Tgt Ion: 56 Resp: 209648
Ion Ratio Lower Upper
56 100
69 31.9 26.7 40.1
84 102.0 67.2 100.8

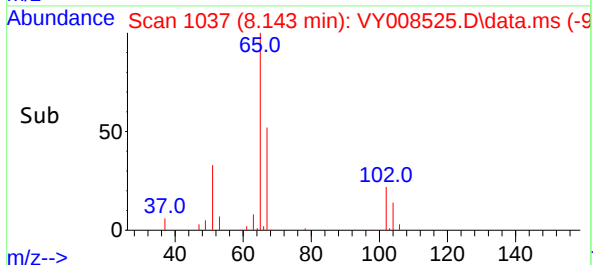
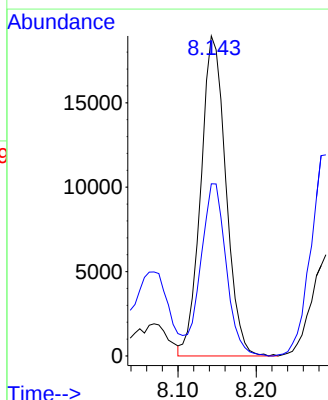
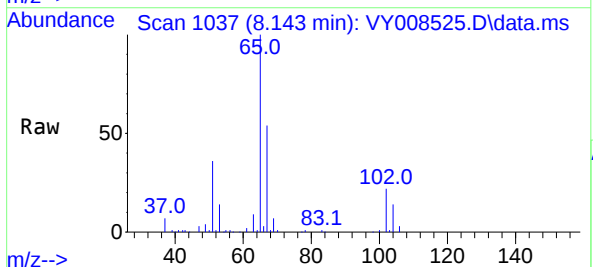
Manual Integrations
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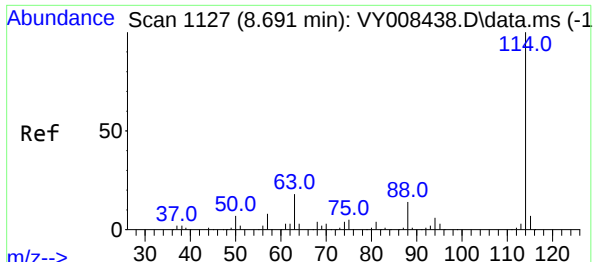
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#33
1,2-Dichloroethane-d4
Concen: 46.578 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

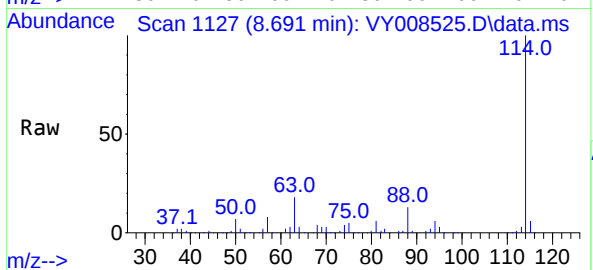
Tgt Ion: 65 Resp: 42149
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

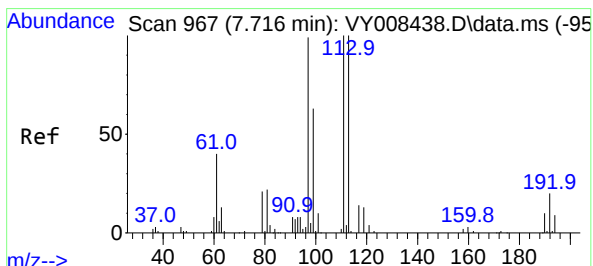
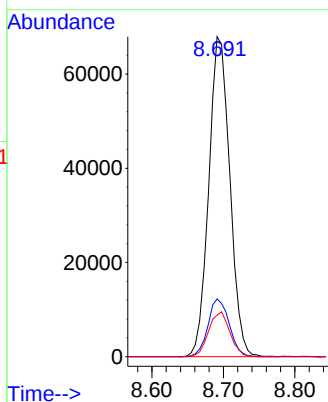
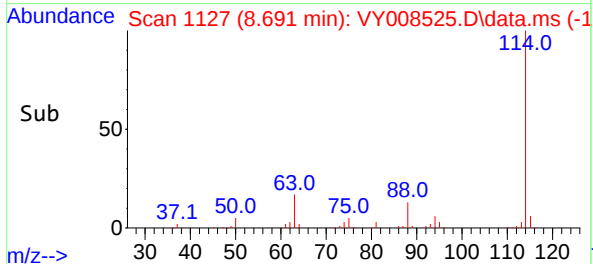
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(8.5-10)



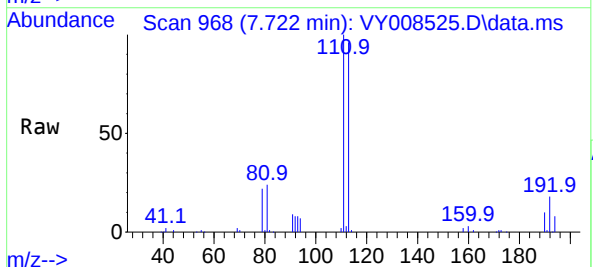
Tgt Ion:114 Resp: 13901
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 12.9 0.0 31.8

Manual Integrations
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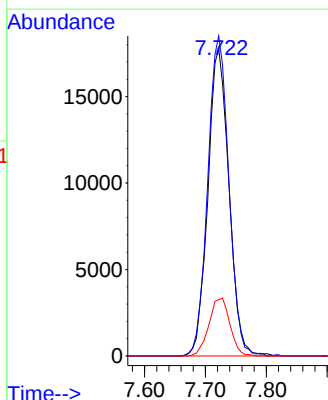
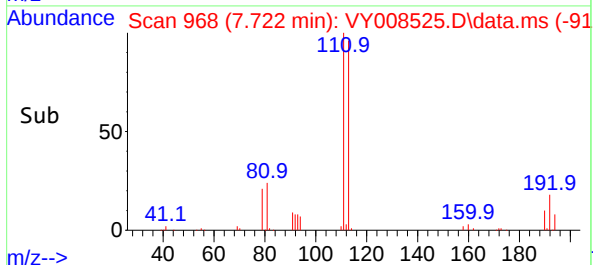
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

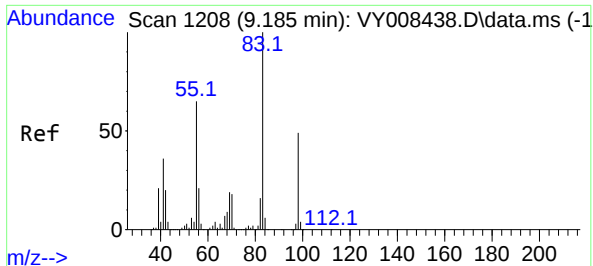


#35
Dibromofluoromethane
Concen: 47.534 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24



Tgt Ion:113 Resp: 42645
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 18.8 17.6 26.4





#39

Methylcyclohexane

Concen: 3985.157 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY008525.D

Acq: 27 Apr 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

GT-06-(8.5-10)

Tgt Ion: 83 Resp: 728182

Ion Ratio Lower Upper

83 100

55 61.1 66.5 99.7

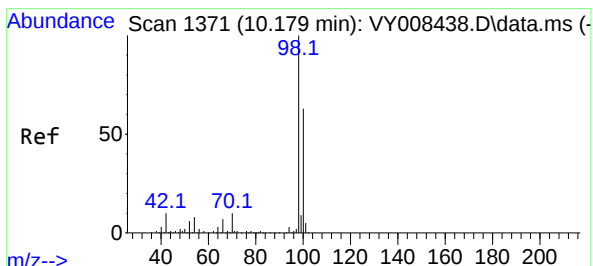
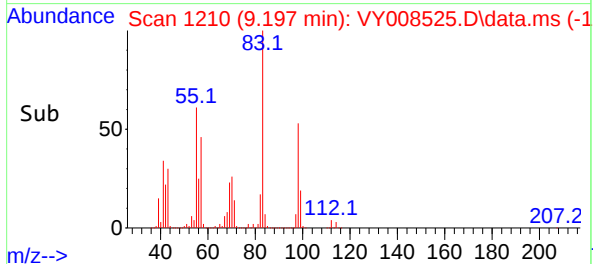
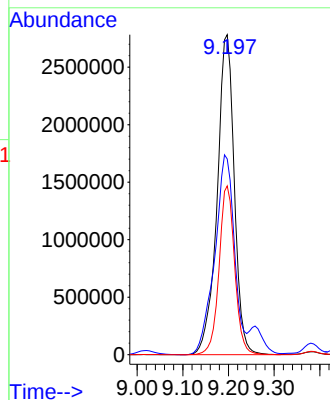
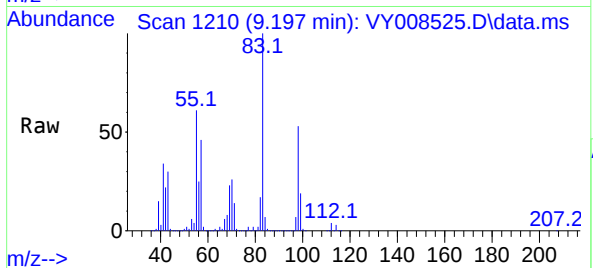
98 52.8 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 05/04/2022



#50

Toluene-d8

Concen: 767.785 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY008525.D

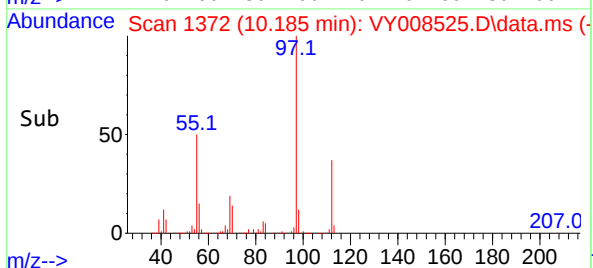
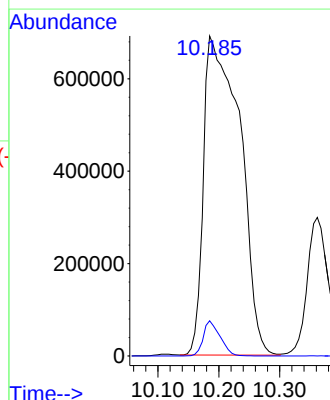
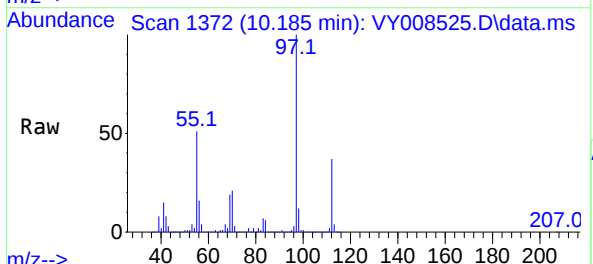
Acq: 27 Apr 2022 14:24

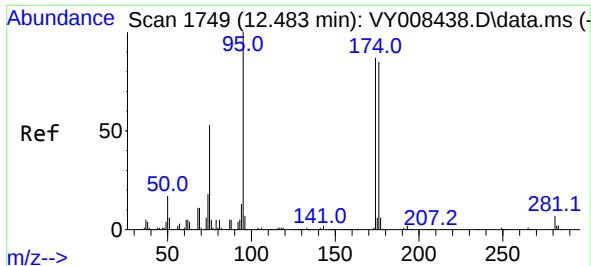
Tgt Ion: 98 Resp: 2861319

Ion Ratio Lower Upper

98 100

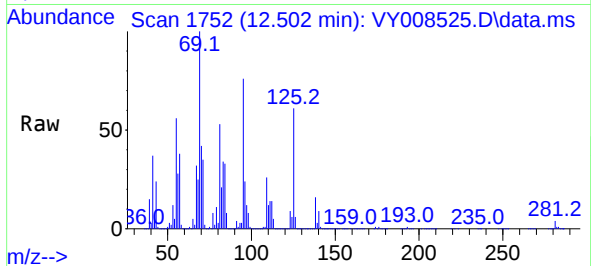
100 5.1 50.2 75.2





#62
4-Bromofluorobenzene
Concen: 1893.487 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.019 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

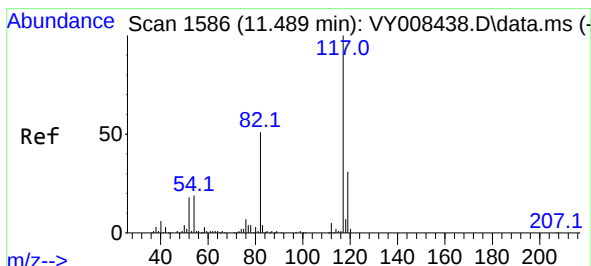
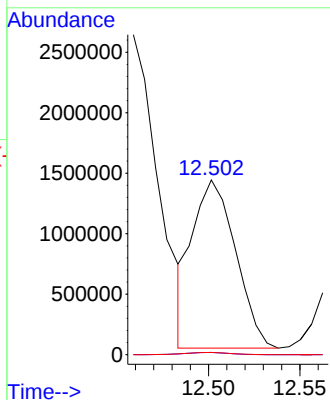
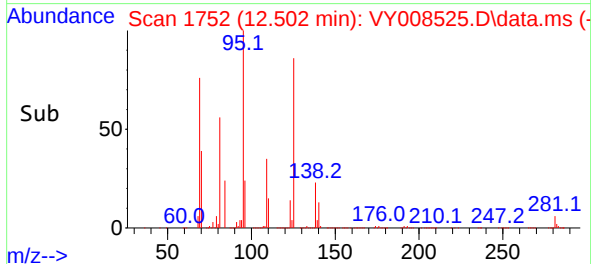
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GT-06-(8.5-10)



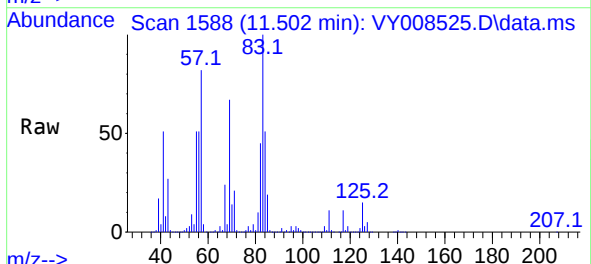
Tgt Ion: 95 Resp: 228743
Ion Ratio Lower Upper
95 100
174 1.4 0.0 177.0
176 1.4 0.0 175.8

Manual Integrations
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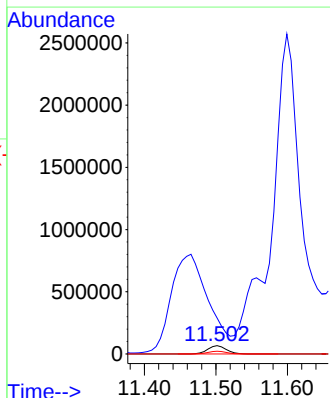
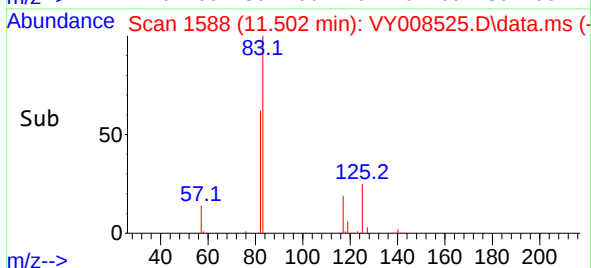
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

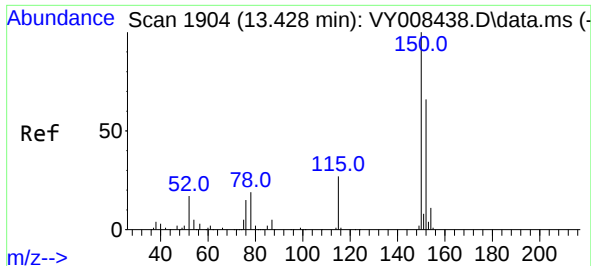


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.013 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24



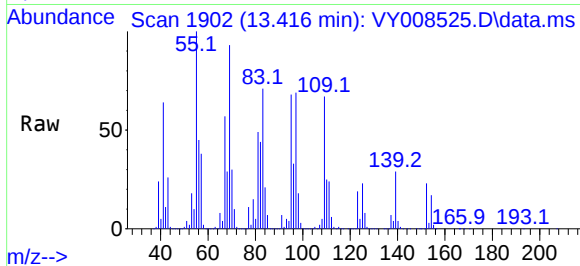
Tgt Ion:117 Resp: 120535
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4#
119 32.4 25.4 38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.416 min Scan# 1904
Delta R.T. -0.012 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

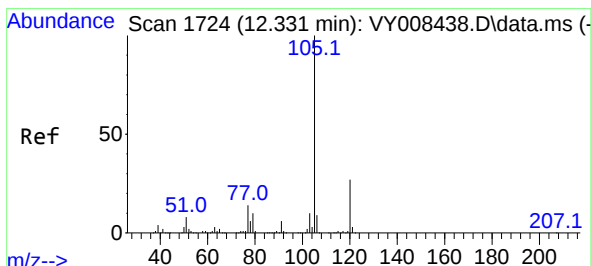
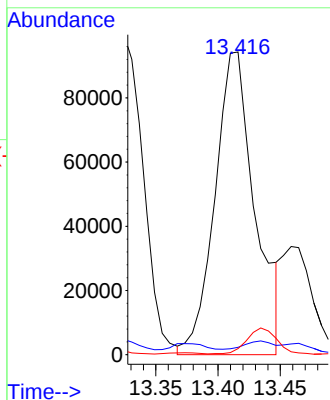
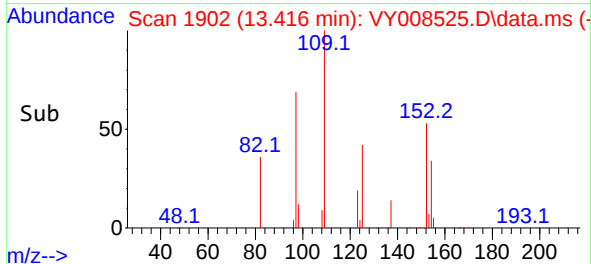
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GT-06-(8.5-10)



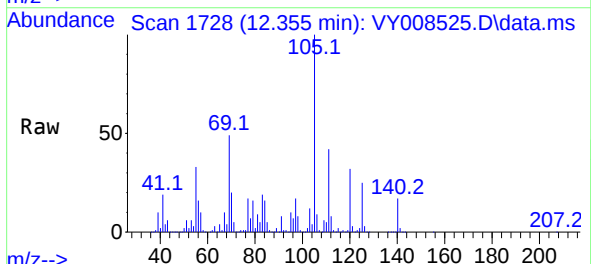
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Ion Ratio Lower Upper
152 100
115 29.5 28.2 84.7
150 0.9 0.0 347.6

Manual Integrations
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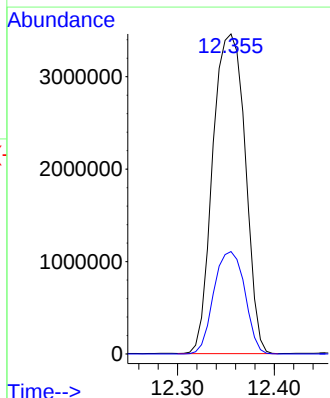
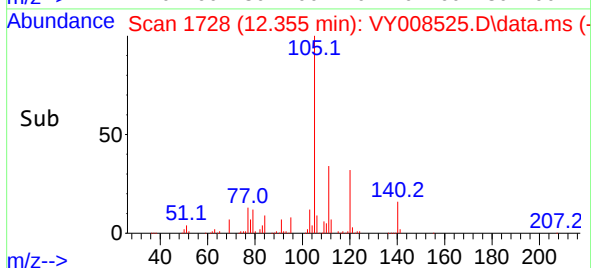
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

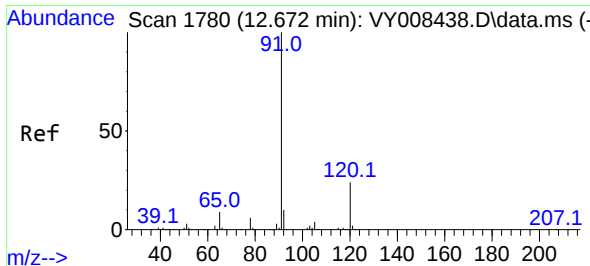


#73
Isopropylbenzene
Concen: 505.402 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.024 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24



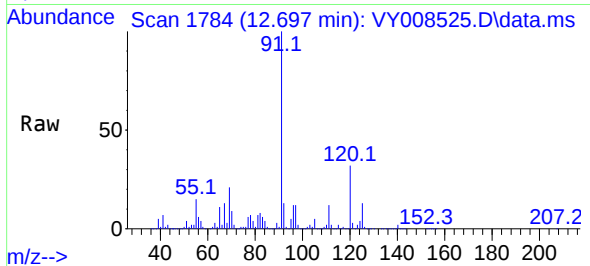
Tgt Ion:105 Resp: 8067244
Ion Ratio Lower Upper
105 100
120 30.6 13.4 40.2





#78
n-propylbenzene
Concen: 488.721 ug/l
RT: 12.697 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

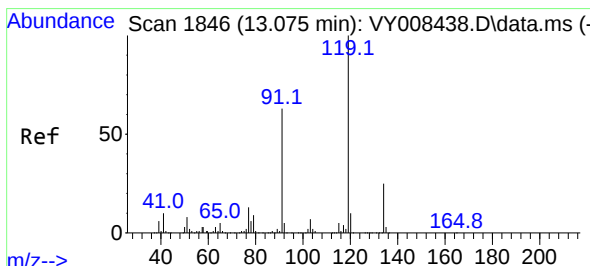
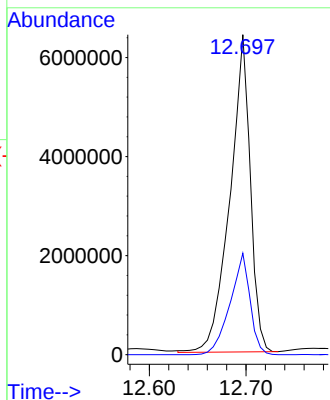
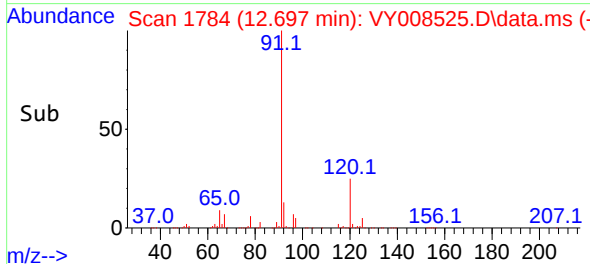
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(8.5-10)



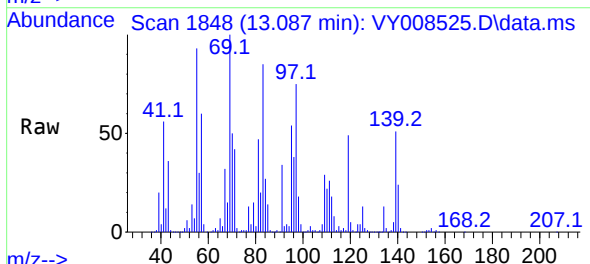
Tgt Ion: 91 Resp: 935708
Ion Ratio Lower Upper
91 100
120 31.2 11.3 33.9

Manual Integrations
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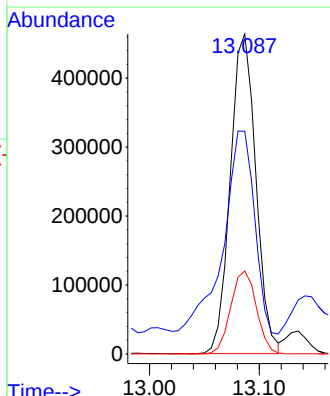
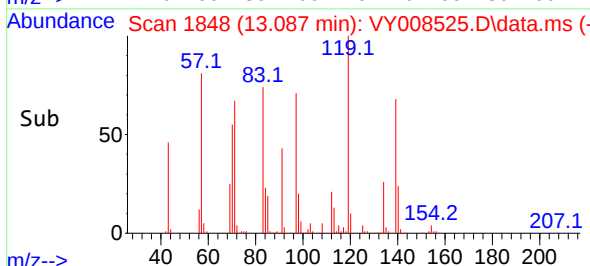
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

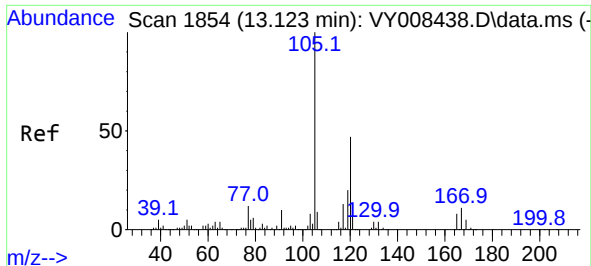


#83
tert-Butylbenzene
Concen: 65.228 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.012 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24



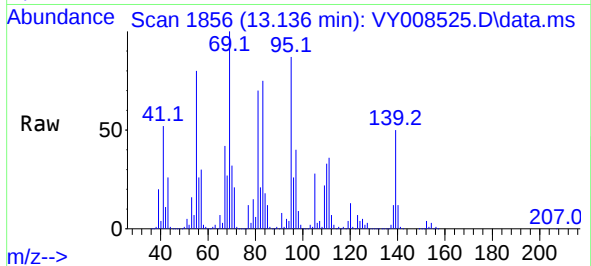
Tgt Ion:119 Resp: 750223
Ion Ratio Lower Upper
119 100
91 77.8 34.8 104.4
134 26.0 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 30.518 ug/l
RT: 13.136 min Scan# 1854
Delta R.T. 0.013 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24

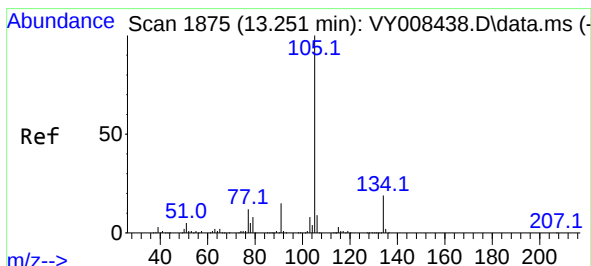
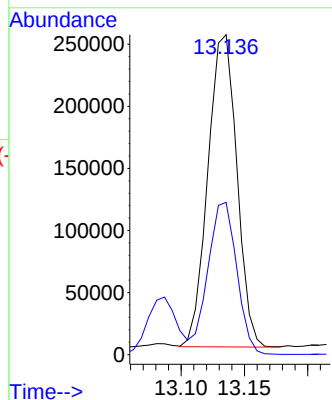
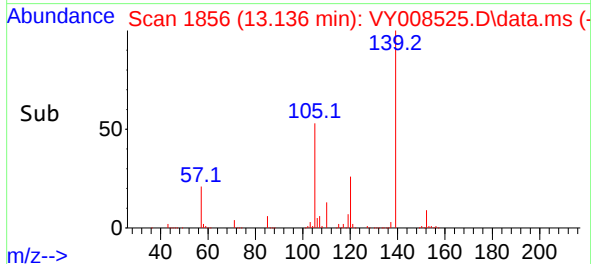
Instrument :
MSVOA_Y
ClientSampleId :
GT-06-(8.5-10)



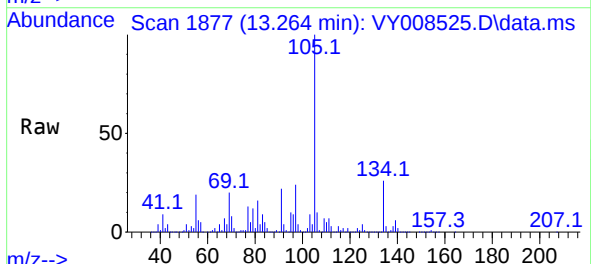
Tgt Ion:105 Resp: 401189
Ion Ratio Lower Upper
105 100
120 48.5 22.3 66.9

Manual Integrations
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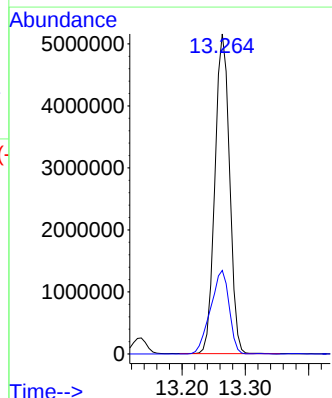
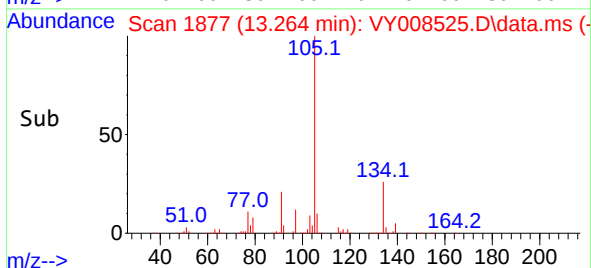
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

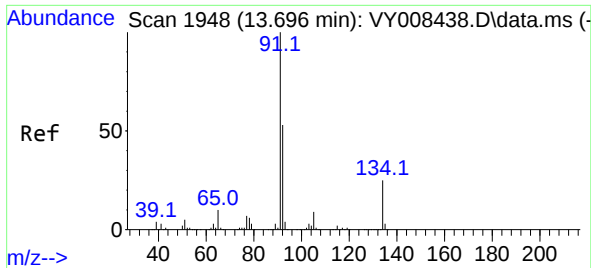


#85
sec-Butylbenzene
Concen: 476.019 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.013 min
Lab File: VY008525.D
Acq: 27 Apr 2022 14:24



Tgt Ion:105 Resp: 8262635
Ion Ratio Lower Upper
105 100
134 33.2 10.2 30.4#





#89

n-Butylbenzene

Concen: 92.563 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY008525.D

Acq: 27 Apr 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

GT-06-(8.5-10)

Tgt Ion: 91 Resp: 1221272

Ion Ratio Lower Upper

91 100

92 50.6 26.3 78.9

134 47.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 05/04/2022

