

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008530.D
 Acq On : 27 Apr 2022 16:21
 Operator : KP/MD
 Sample : N2577-01
 Misc : 7.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-08-(7.5-10)

Quant Time: Apr 28 01:33:27 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 : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 05/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	158686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	191966	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	511217	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65173	34.905	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.820%		
35) Dibromofluoromethane	7.722	113	78168	47.399	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.800%		
50) Toluene-d8	10.185	98	1567101	230.282	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	460.560%#		
62) 4-Bromofluorobenzene	12.495	95	1492903	672.288	ug/l	0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	1344.580%#		
Target Compounds					Qvalue	
16) Acetone	3.948	43	67675	155.613	ug/l #	84
17) Carbon Disulfide	4.198	76	73115	14.098	ug/l	98
25) 2-Butanone	6.984	43	25777	38.313	ug/l	96
31) Cyclohexane	7.789	56	376258	122.580	ug/l #	80
39) Methylcyclohexane	9.191	83	6917633	2059.556	ug/l #	78
67) Ethyl Benzene	11.593	91	46889	6.224	ug/l #	76
73) Isopropylbenzene	12.343	105	10484458	270.496	ug/l	93
78) n-propylbenzene	12.690	91	12467755	268.171	ug/l	78
83) tert-Butylbenzene	13.087	119	933487	33.424	ug/l	98
85) sec-Butylbenzene	13.270	105	11442281	271.469	ug/l #	64
86) p-Isopropyltoluene	13.379	119	128848m	3.650	ug/l	
89) n-Butylbenzene	13.702	91	2688543	83.916	ug/l #	88

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

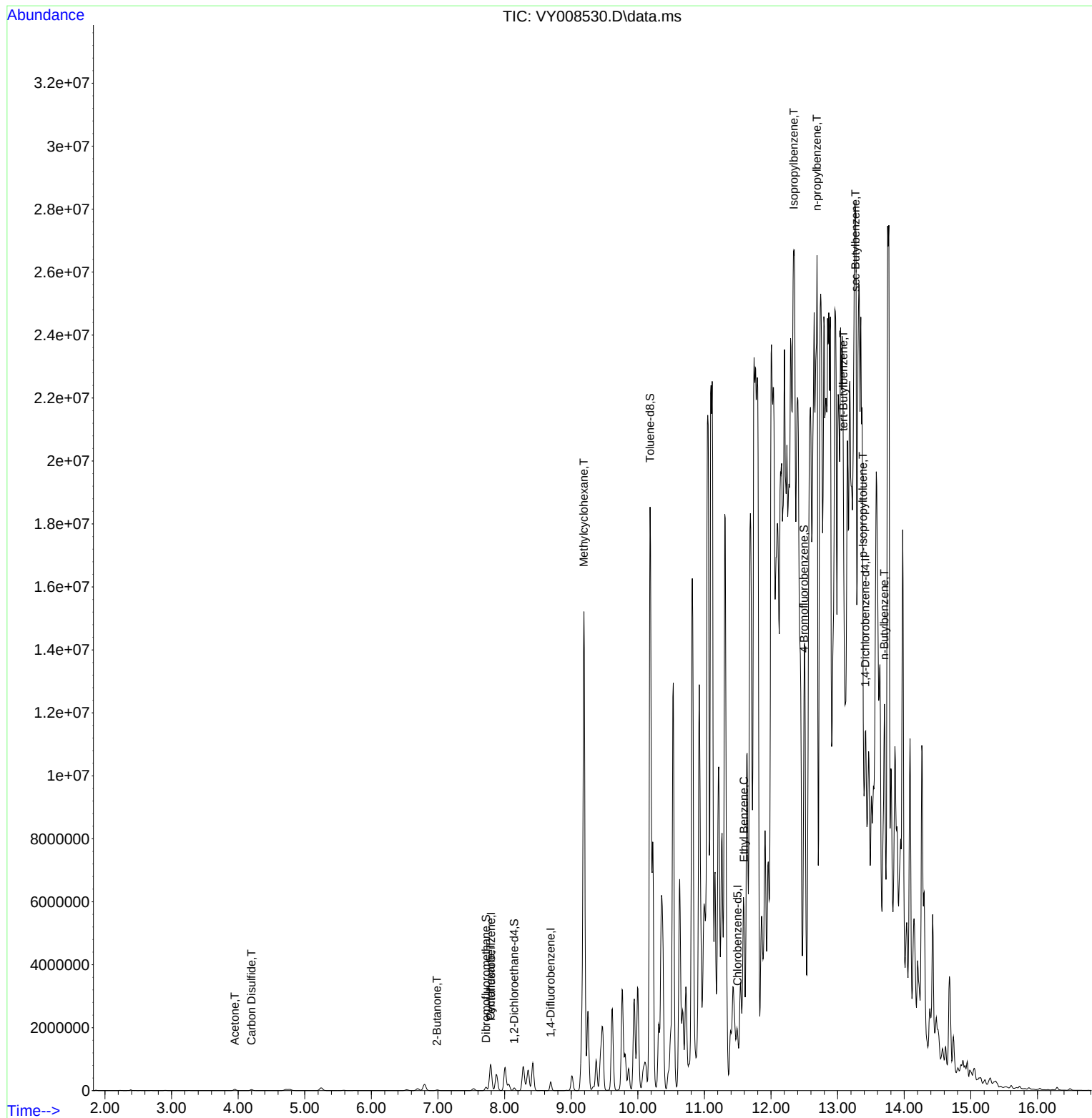
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008530.D
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Operator : KP/MD
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Misc : 7.76g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

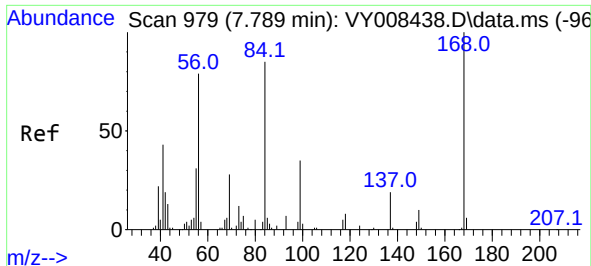
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

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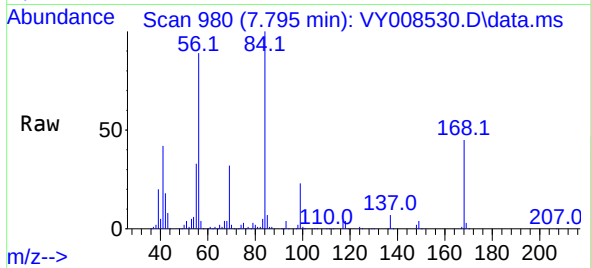
Quant Time: Apr 28 01:33:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

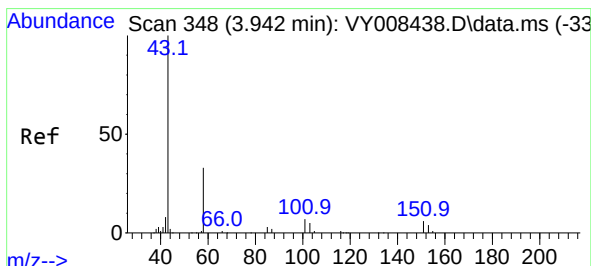
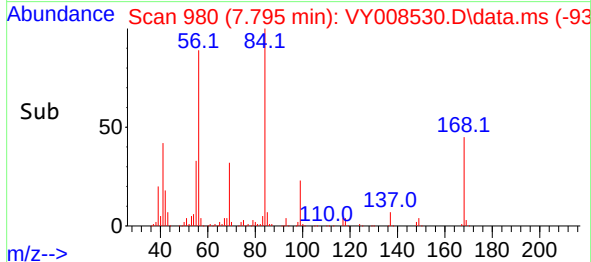
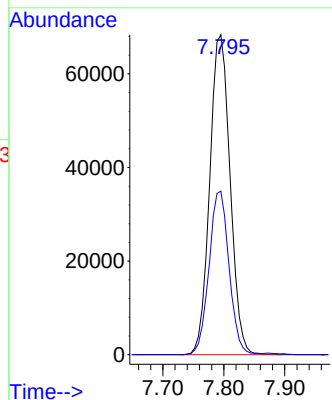
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)



Tgt Ion:168 Resp: 15868
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3

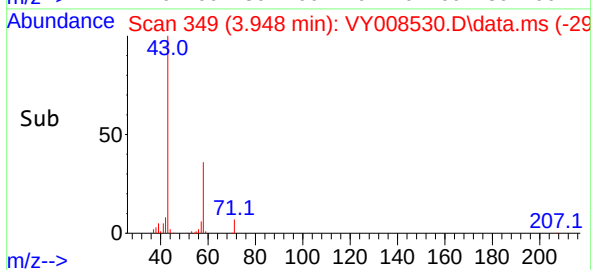
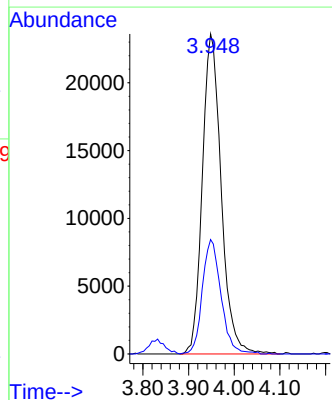
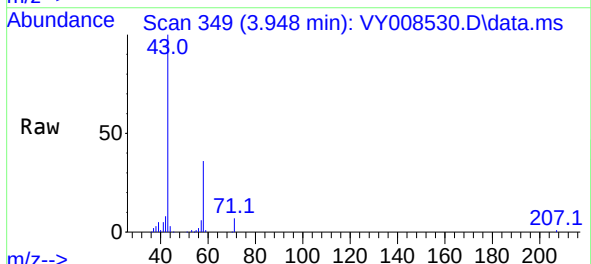
Manual Integrations
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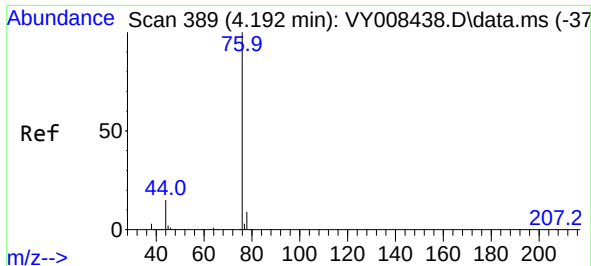
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#16
Acetone
Concen: 155.613 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

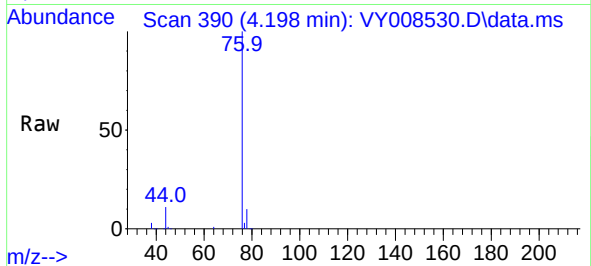
Tgt Ion: 43 Resp: 67675
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#





#17
Carbon Disulfide
Concen: 14.098 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

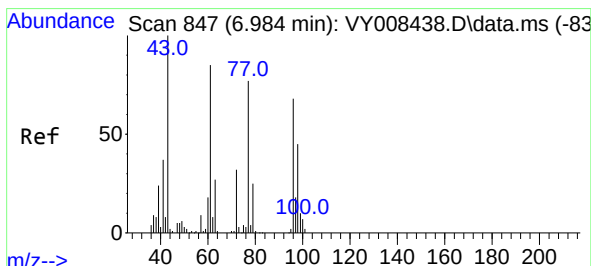
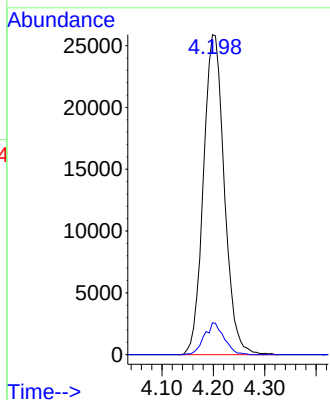
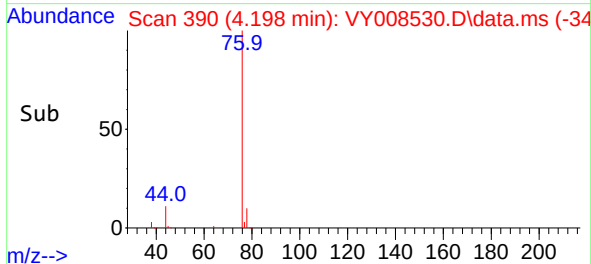
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)



Tgt Ion: 76 Resp: 7311
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

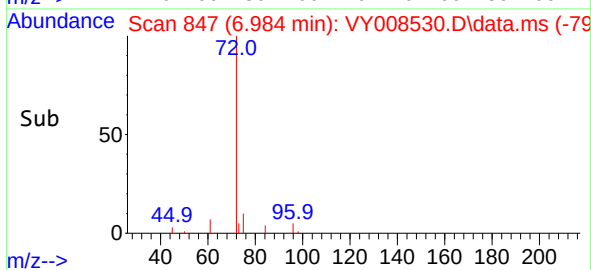
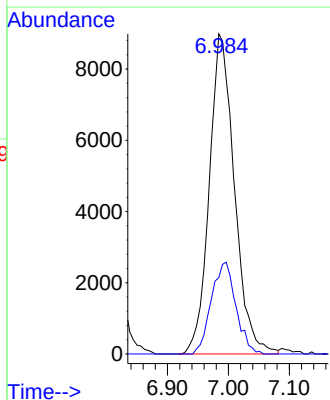
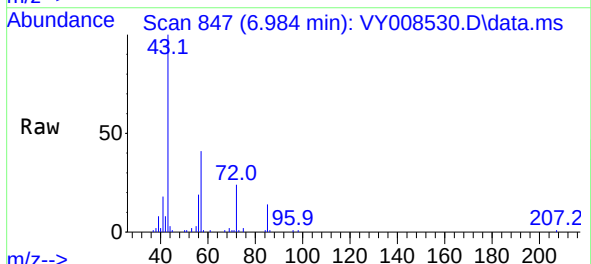
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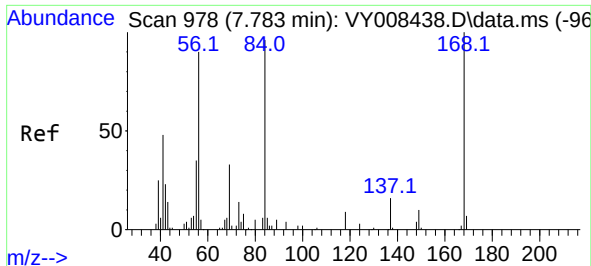
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#25
2-Butanone
Concen: 38.313 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

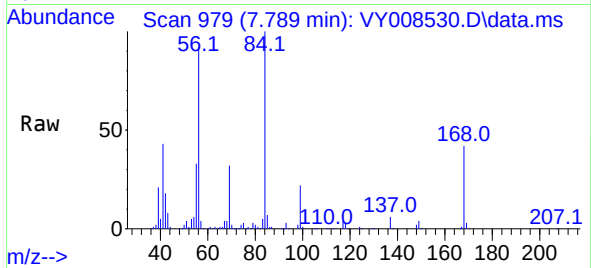
Tgt Ion: 43 Resp: 25777
Ion Ratio Lower Upper
43 100
72 23.9 17.7 26.5





#31
Cyclohexane
Concen: 122.580 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

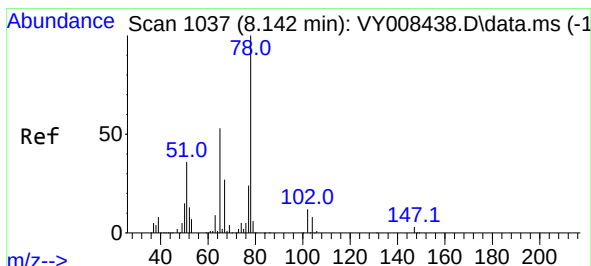
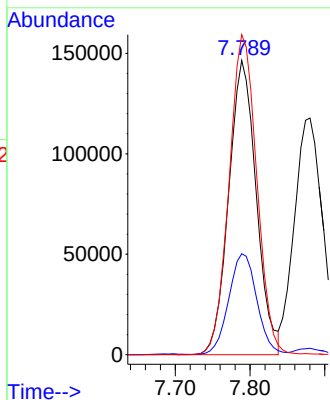
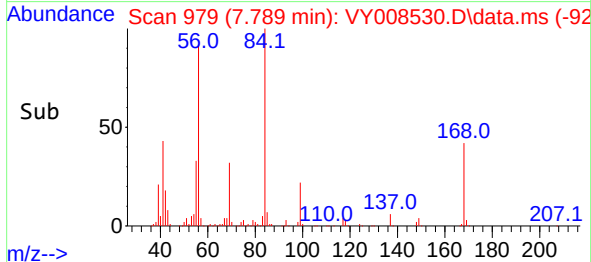
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)



Tgt Ion: 56 Resp: 376258
Ion Ratio Lower Upper
56 100
69 34.1 26.7 40.1
84 108.7 67.2 100.8

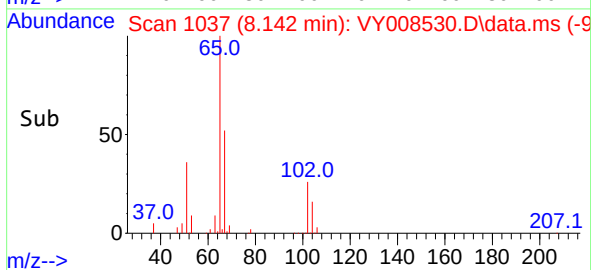
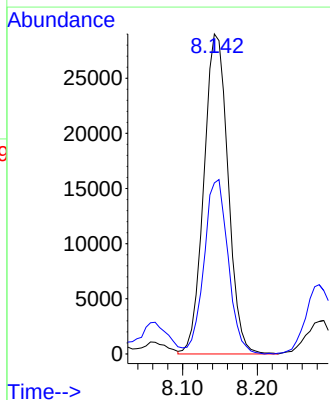
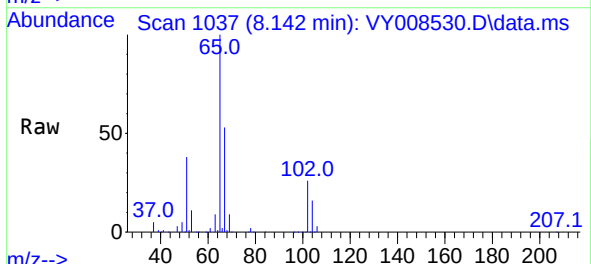
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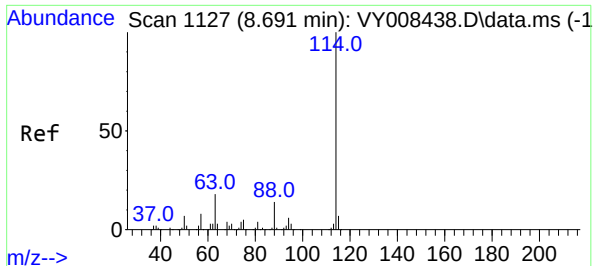
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#33
1,2-Dichloroethane-d4
Concen: 34.905 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Tgt Ion: 65 Resp: 65173
Ion Ratio Lower Upper
65 100
67 54.3 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: VY008530.D

Acq: 27 Apr 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

GT-08-(7.5-10)

Tgt Ion:114 Resp: 255528

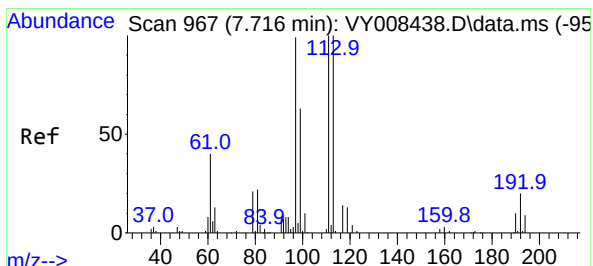
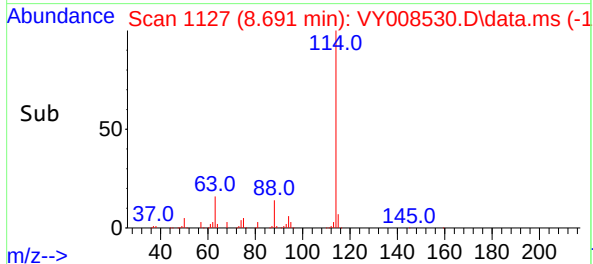
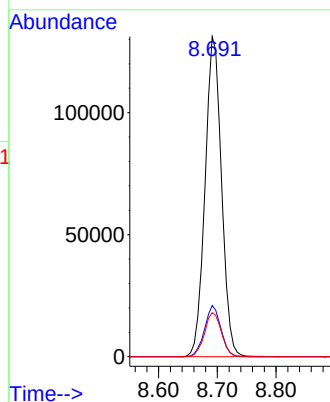
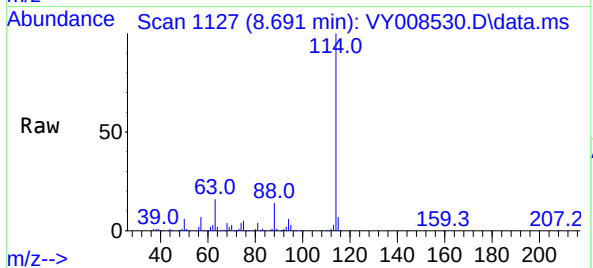
Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	43.2
88	13.8	0.0	31.8

Manual Integrations

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Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 05/04/2022



#35

Dibromofluoromethane

Concen: 47.399 ug/l

RT: 7.722 min Scan# 968

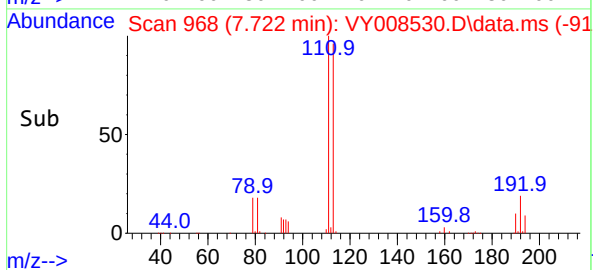
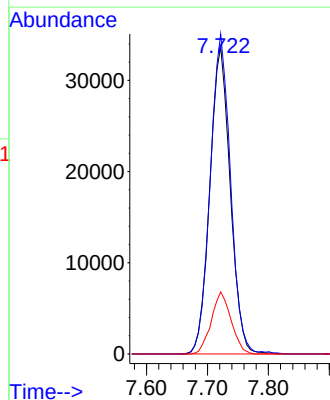
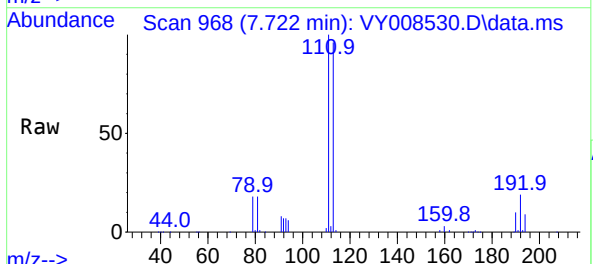
Delta R.T. 0.006 min

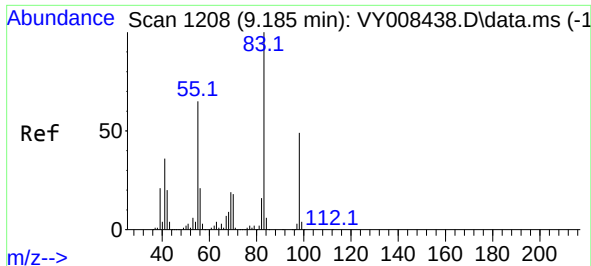
Lab File: VY008530.D

Acq: 27 Apr 2022 16:21

Tgt Ion:113 Resp: 78168

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	19.6	17.6	26.4





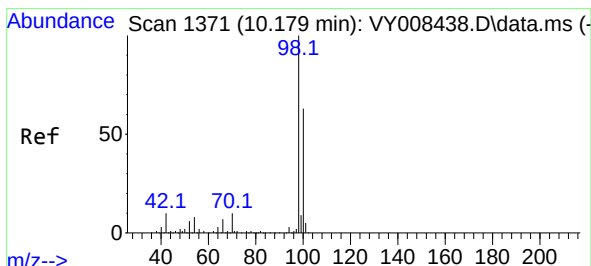
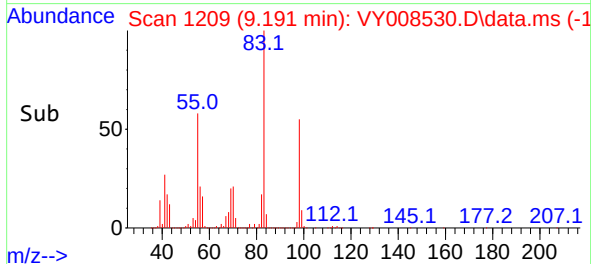
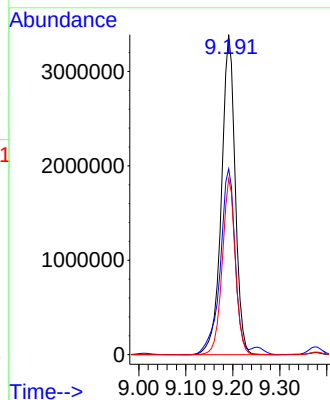
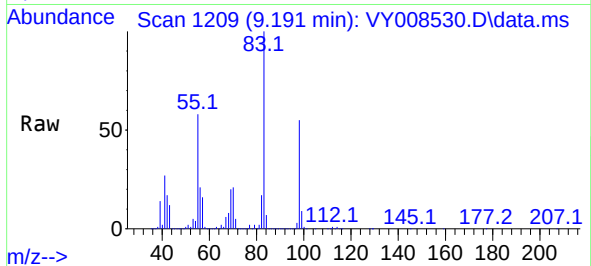
#39
Methylcyclohexane
Concen: 2059.556 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

Tgt Ion: 83 Resp: 691763
Ion Ratio Lower Upper
83 100
55 58.1 66.5 99.7
98 54.9 37.9 56.9

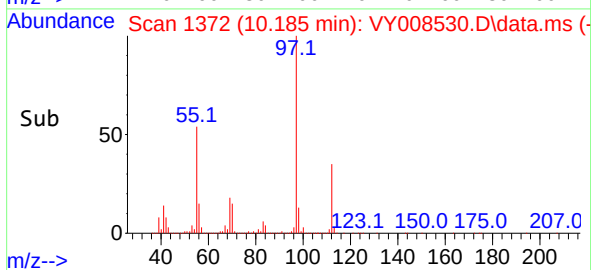
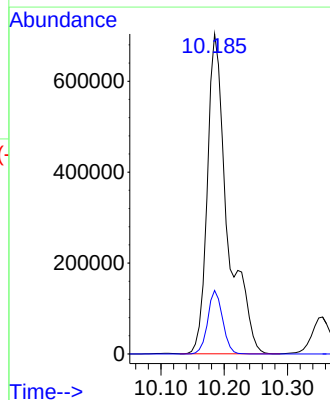
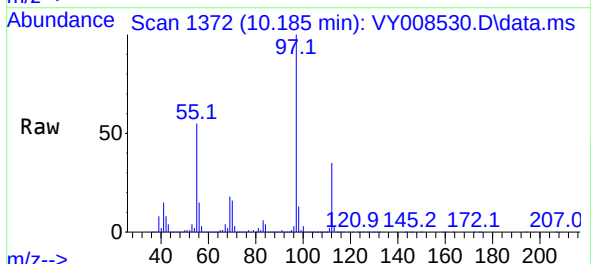
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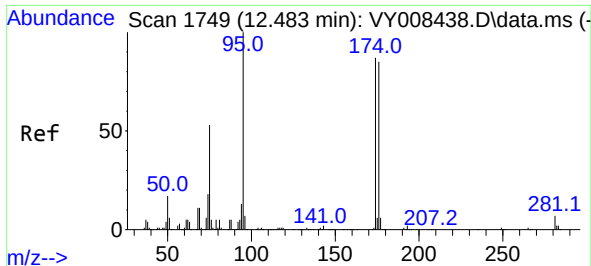
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#50
Toluene-d8
Concen: 230.282 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

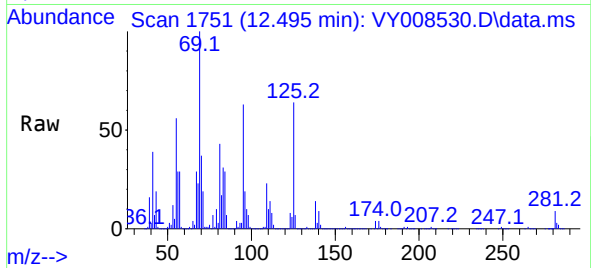
Tgt Ion: 98 Resp: 1567101
Ion Ratio Lower Upper
98 100
100 14.5 50.2 75.2#





#62
4-Bromofluorobenzene
Concen: 672.288 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

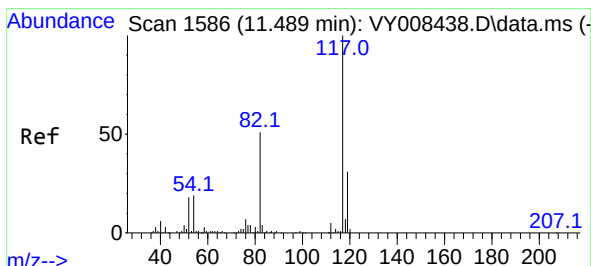
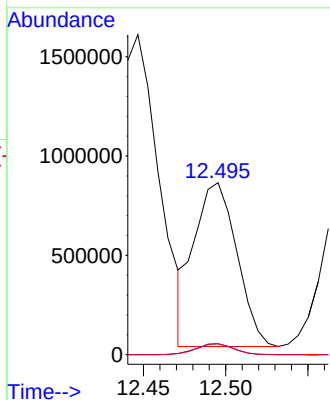
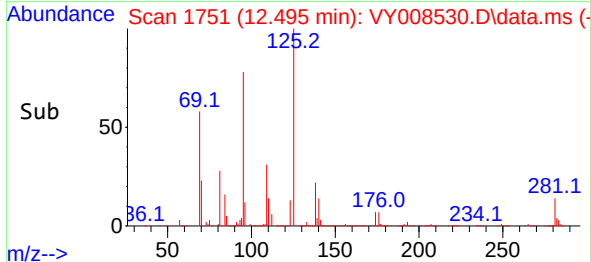
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)



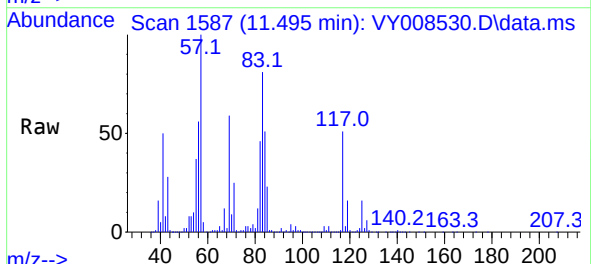
Tgt Ion: 95 Resp: 149290
Ion Ratio Lower Upper
95 100
174 5.9 0.0 177.0
176 5.8 0.0 175.8

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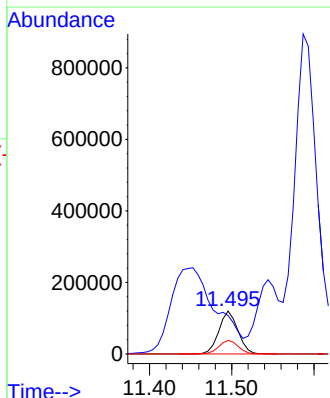
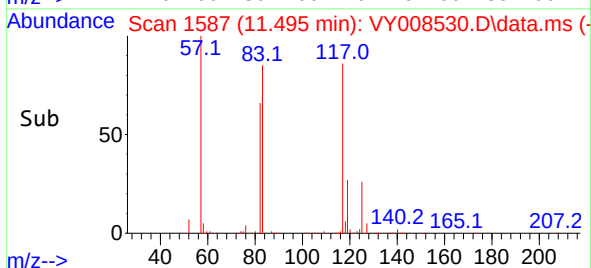
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

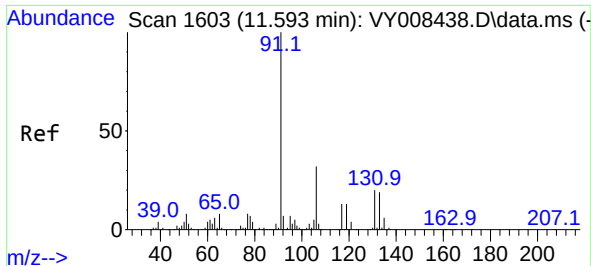


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21



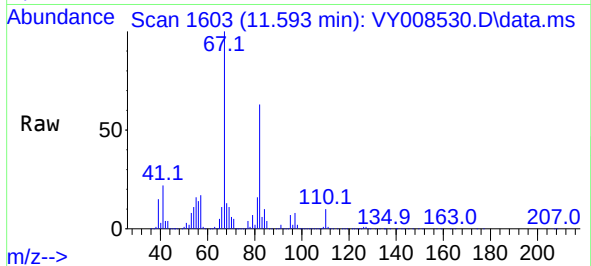
Tgt Ion:117 Resp: 191966
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4#
119 31.7 25.4 38.0





#67
Ethyl Benzene
Concen: 6.224 ug/l
RT: 11.593 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

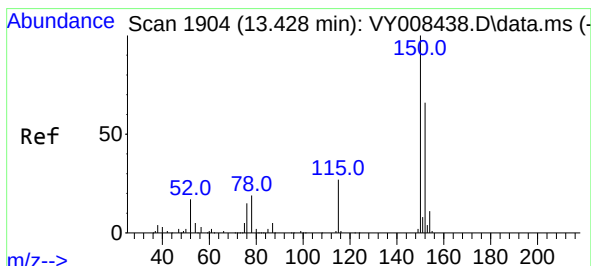
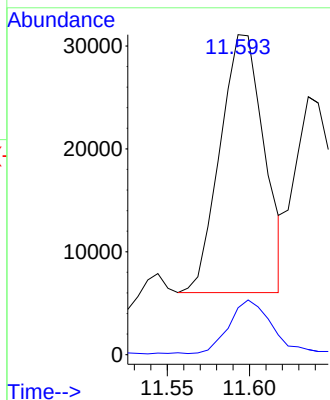
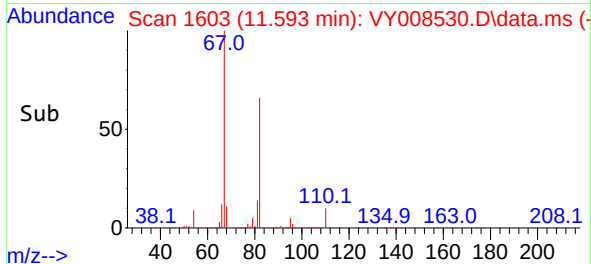
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)



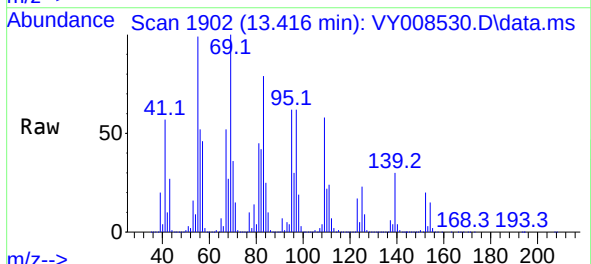
Tgt Ion: 91 Resp: 46889
Ion Ratio Lower Upper
91 100
106 17.4 24.5 36.7

Manual Integrations
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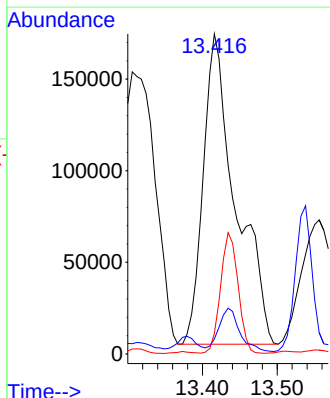
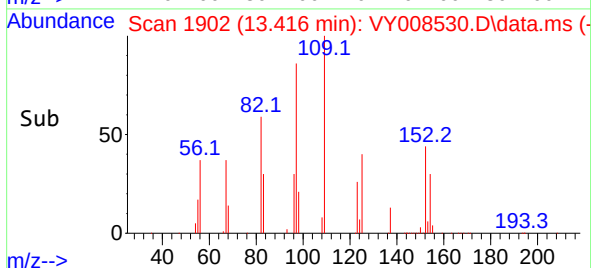
Reviewed By :John Carlone 04/28/2022
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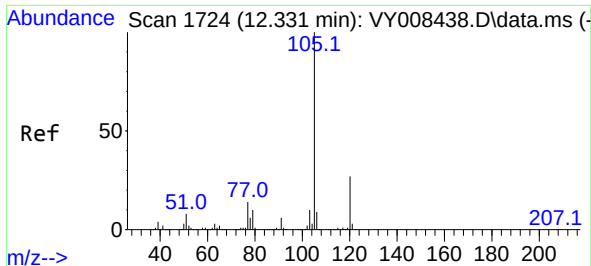


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21



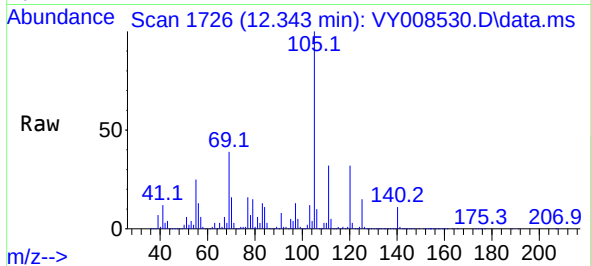
Tgt Ion:152 Resp: 511217
Ion Ratio Lower Upper
152 100
115 8.9 28.2 84.7#
150 21.0 0.0 347.6





#73
Isopropylbenzene
Concen: 270.496 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

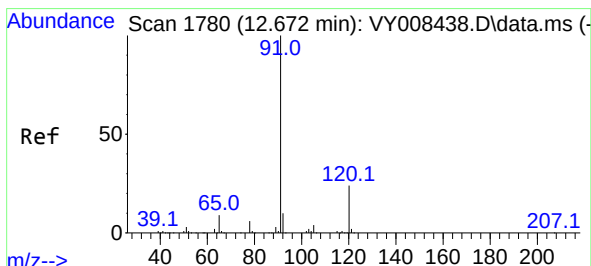
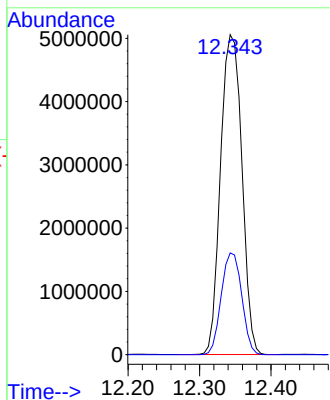
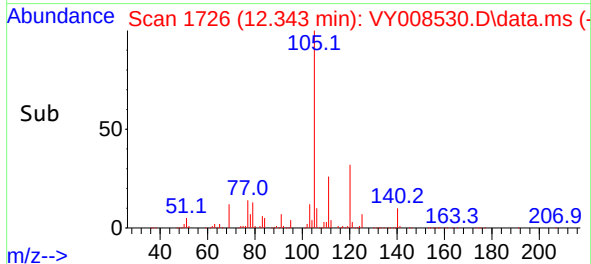
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)



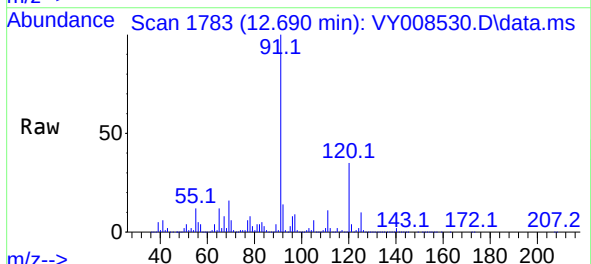
Tgt Ion:105 Resp:1048445
Ion Ratio Lower Upper
105 100
120 30.5 13.4 40.2

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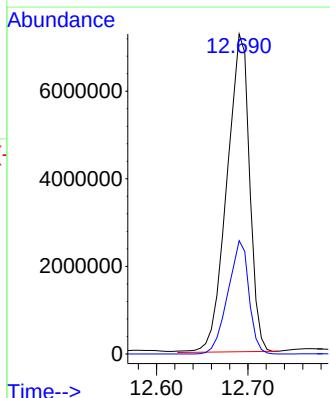
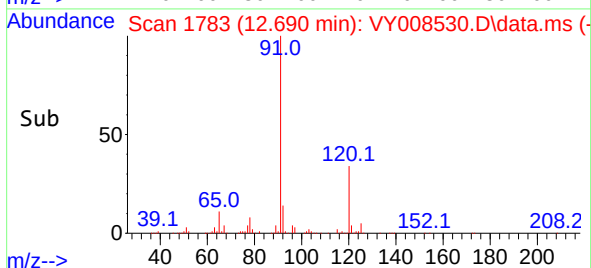
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

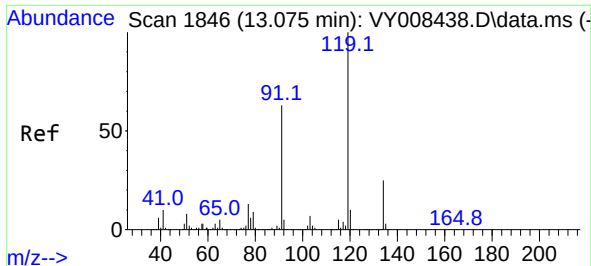


#78
n-propylbenzene
Concen: 268.171 ug/l
RT: 12.690 min Scan# 1783
Delta R.T. 0.018 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21



Tgt Ion: 91 Resp:12467755
Ion Ratio Lower Upper
91 100
120 33.1 11.3 33.9





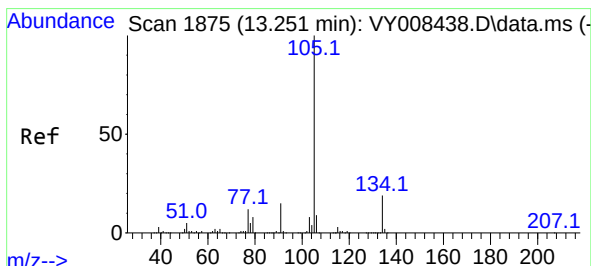
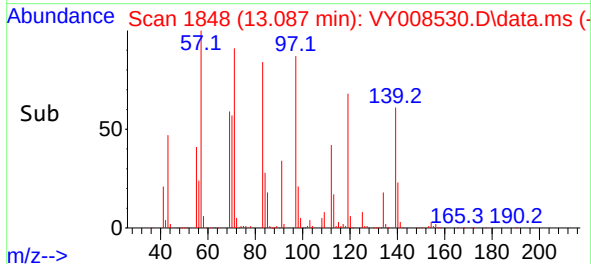
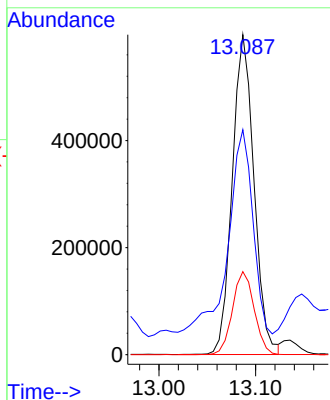
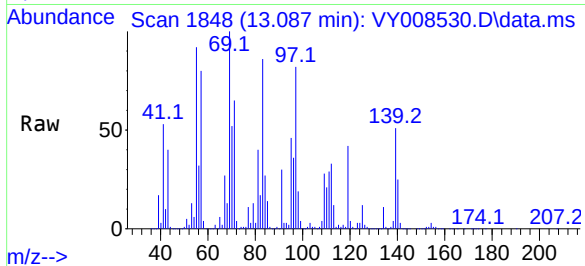
#83
tert-Butylbenzene
Concen: 33.424 ug/l
RT: 13.087 min Scan# 119
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)

Tgt Ion:119 Resp: 93348
Ion Ratio Lower Upper
119 100
91 72.0 34.8 104.4
134 25.9 13.3 39.9

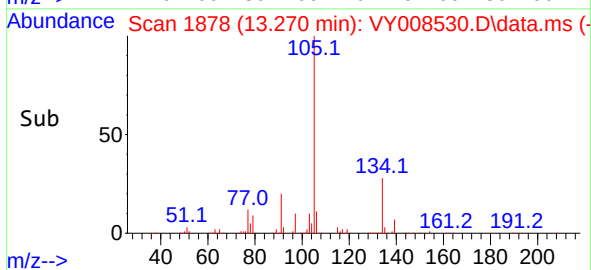
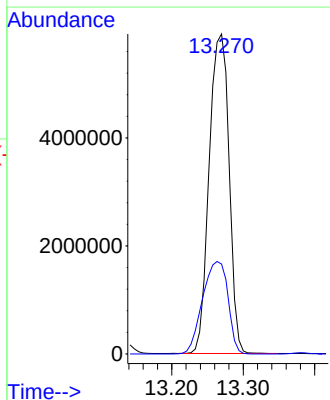
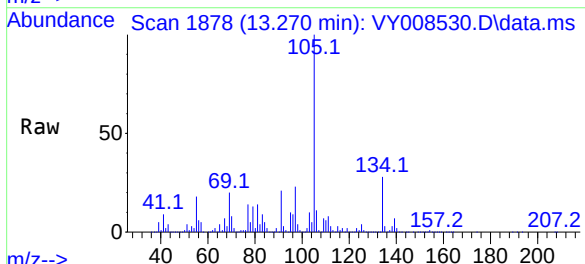
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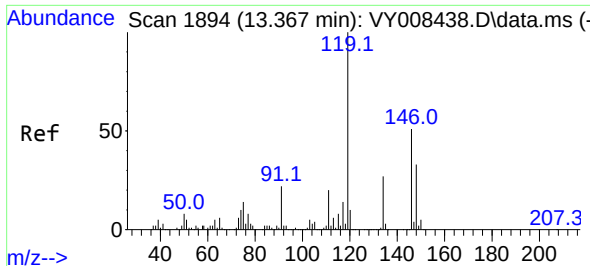
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#85
sec-Butylbenzene
Concen: 271.469 ug/l
RT: 13.270 min Scan# 1878
Delta R.T. 0.019 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

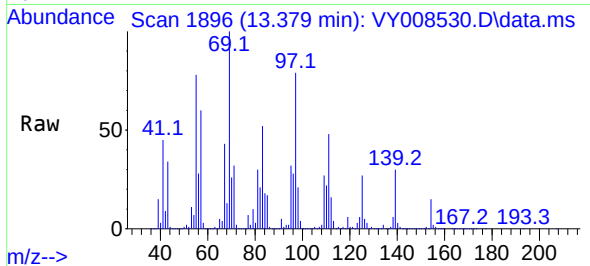
Tgt Ion:105 Resp:11442281
Ion Ratio Lower Upper
105 100
134 36.9 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 3.650 ug/l m
RT: 13.379 min Scan# 119
Delta R.T. 0.012 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21

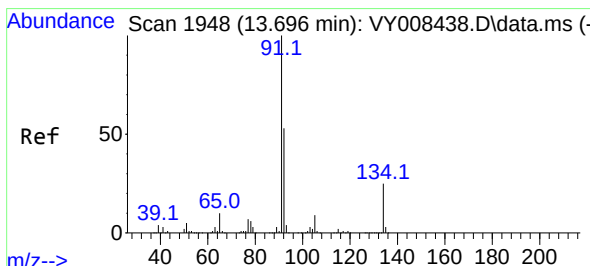
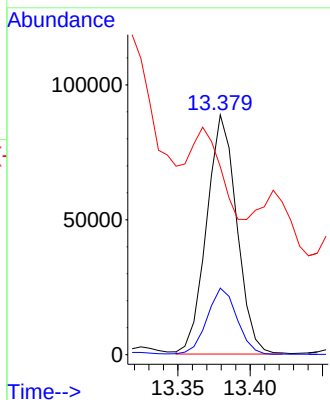
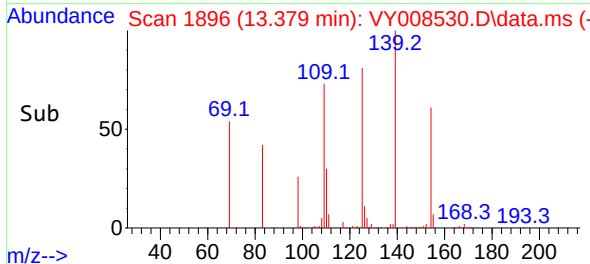
Instrument :
MSVOA_Y
ClientSampleId :
GT-08-(7.5-10)



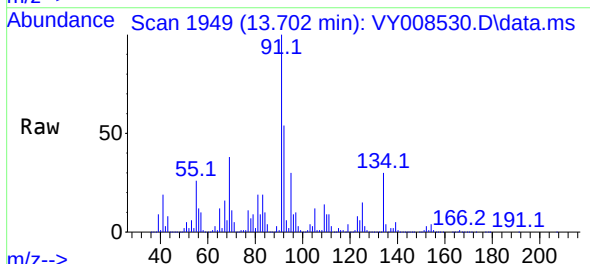
Tgt Ion:119 Resp: 12884
Ion Ratio Lower Upper
119 100
134 326.3 13.2 39.5
91 332.8 12.4 37.2

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 83.916 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008530.D
Acq: 27 Apr 2022 16:21



Tgt Ion: 91 Resp: 2688543
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 43.0 13.0 38.9

