

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008526.D
 Acq On : 27 Apr 2022 14:48
 Operator : KP/MD
 Sample : N2577-06
 Misc : 6.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-04-(10-15)

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 01:32:22 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	150924	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	246368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205313	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	433785m	50.000	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.142	65	67212	37.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.700%
35) Dibromofluoromethane	7.722	113	77853	48.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.185	98	1926610	293.041	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	586.080%#
62) 4-Bromofluorobenzene	12.495	95	2117798	989.151	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1978.300%#

Target Compounds

						Qvalue
16) Acetone	3.942	43	16004	38.692	ug/l	94
17) Carbon Disulfide	4.192	76	5490	1.113	ug/l	96
25) 2-Butanone	6.984	43	10675	16.682	ug/l #	88
31) Cyclohexane	7.789	56	396912	135.959	ug/l #	77
39) Methylcyclohexane	9.191	83	8962715	2767.641	ug/l #	77
73) Isopropylbenzene	12.349	105	8123379	246.992	ug/l	94
78) n-propylbenzene	12.697	91	9584071	242.943	ug/l	83
83) tert-Butylbenzene	13.087	119	975070	41.144	ug/l	87
85) sec-Butylbenzene	13.270	105	11170414	312.326	ug/l #	64
89) n-Butylbenzene	13.702	91	1004727	36.958	ug/l #	90

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

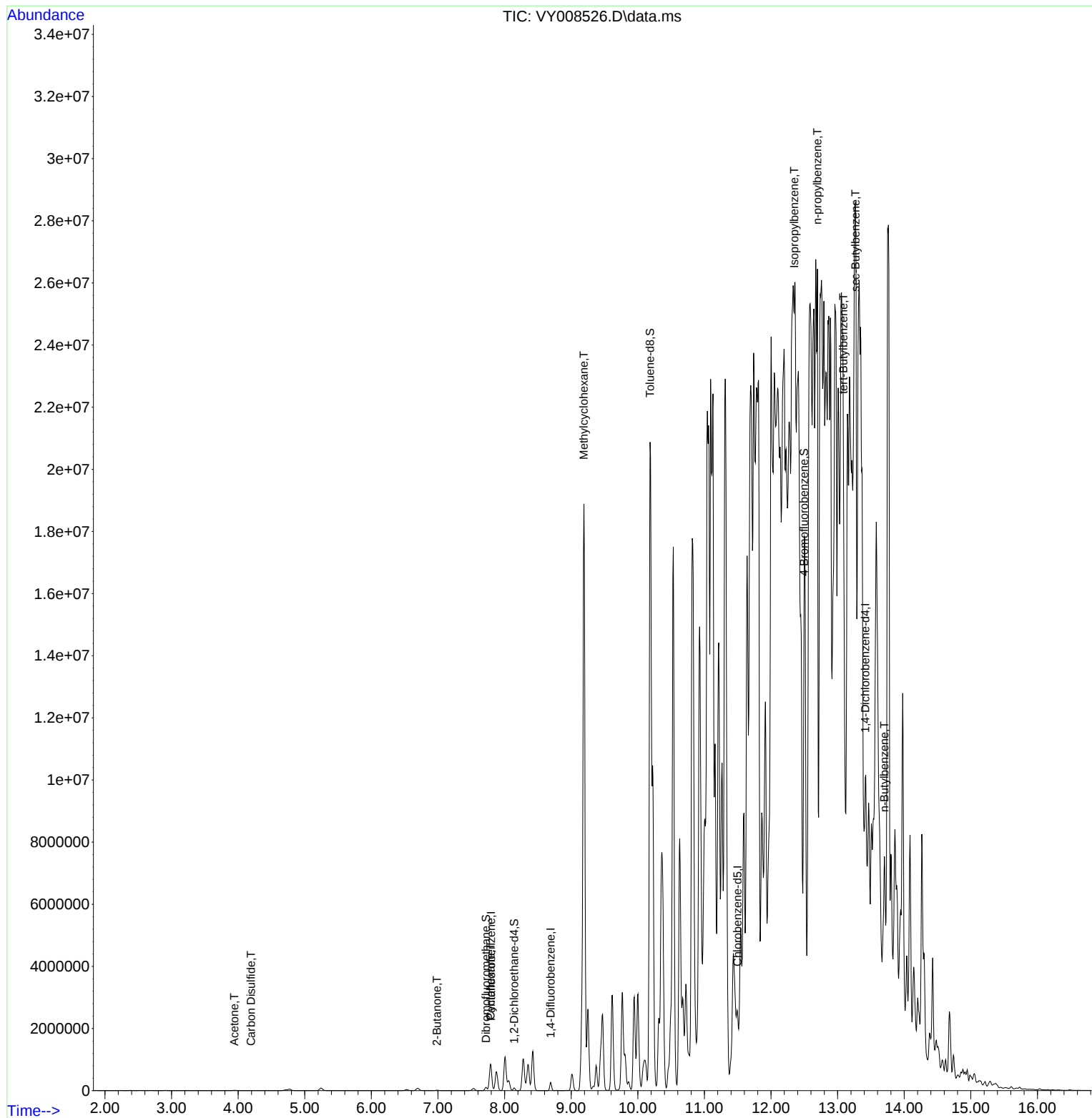
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008526.D
Acq On : 27 Apr 2022 14:48
Operator : KP/MD
Sample : N2577-06
Misc : 6.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

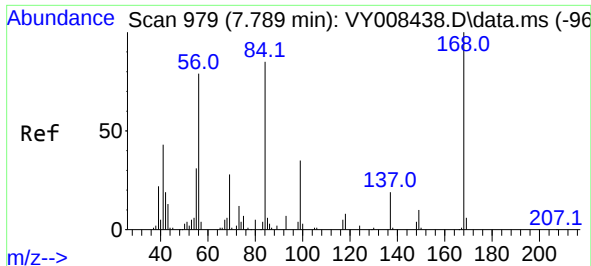
Instrument :
MSVOA_Y
ClientSampleId :
GT-04-(10-15)

Quant Time: Apr 28 01:32:22 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

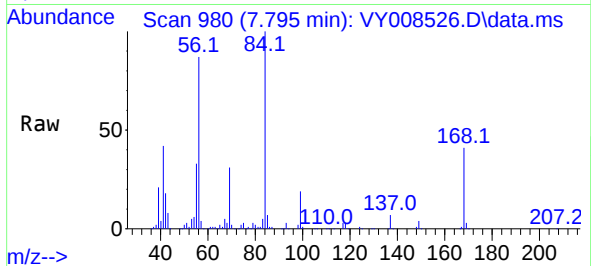
Reviewed By : John Carlone 04/28/2022
Supervised By : Mahesh Dadoda 05/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

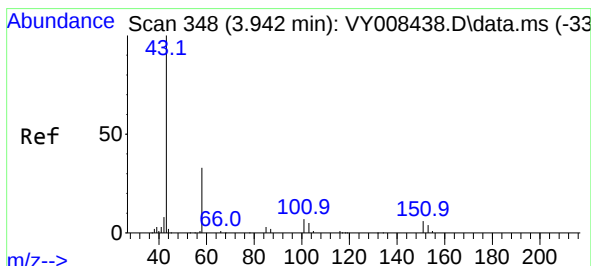
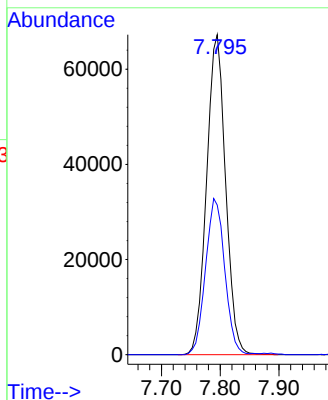
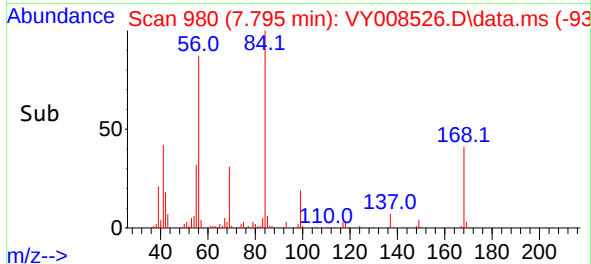
Instrument :
MSVOA_Y
ClientSampleId :
GT-04-(10-15)



Tgt Ion:168 Resp: 150924
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3

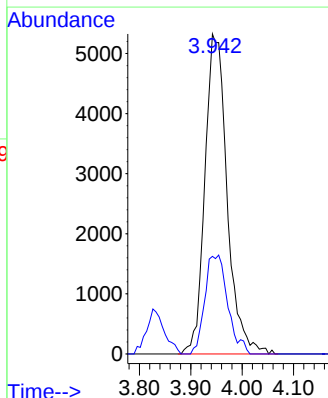
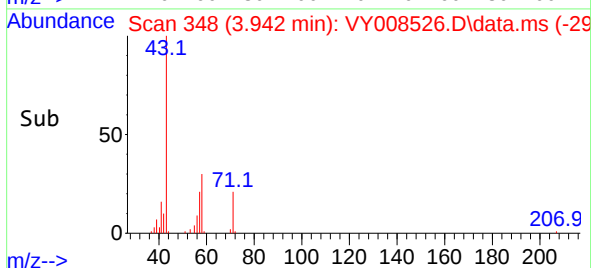
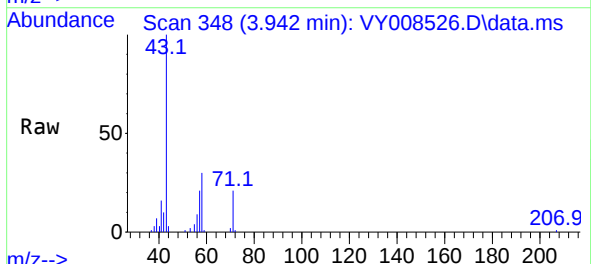
Manual Integrations
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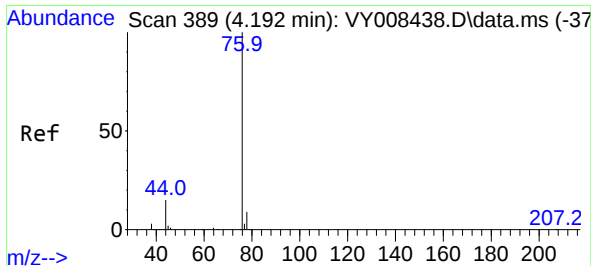
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#16
Acetone
Concen: 38.692 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

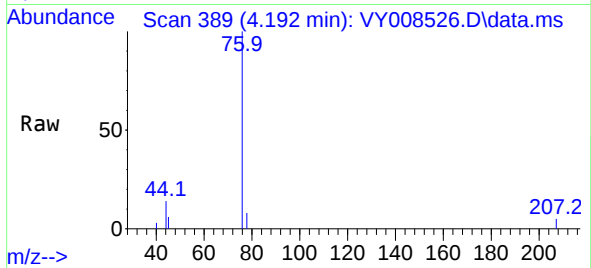
Tgt Ion: 43 Resp: 16004
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0





#17
Carbon Disulfide
Concen: 1.113 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

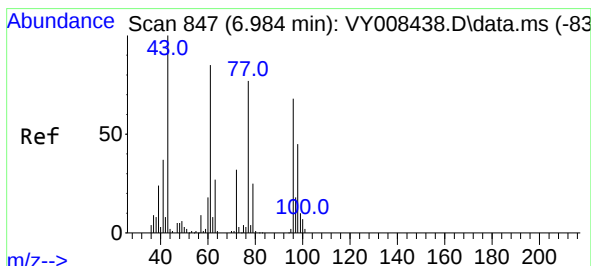
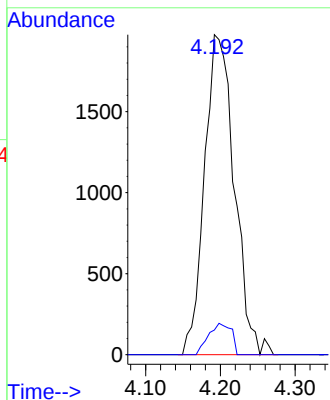
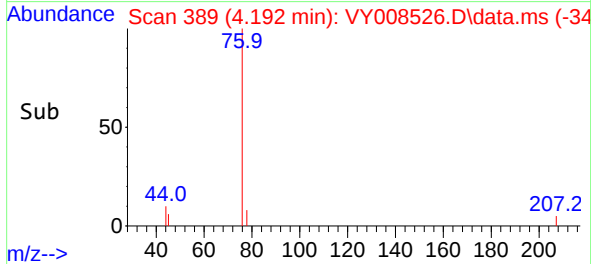
Instrument :
MSVOA_Y
ClientSampleId :
GT-04-(10-15)



Tgt Ion: 76 Resp: 5490
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

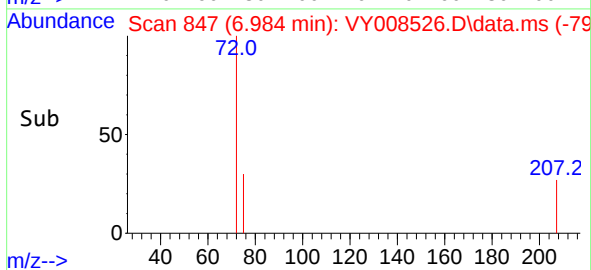
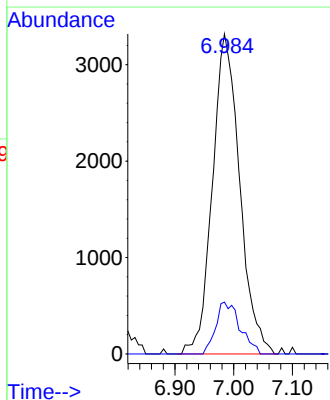
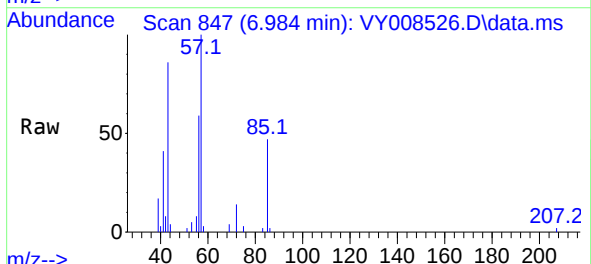
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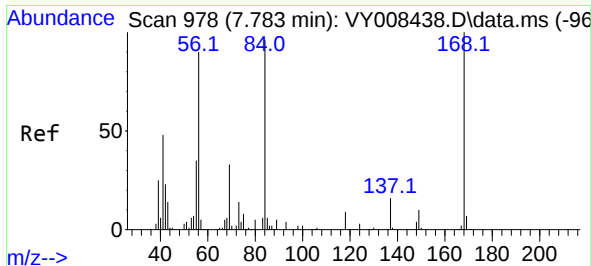
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#25
2-Butanone
Concen: 16.682 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

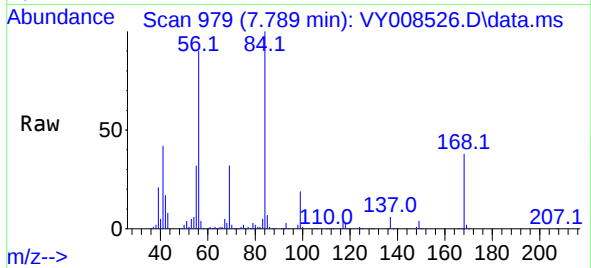
Tgt Ion: 43 Resp: 10675
Ion Ratio Lower Upper
43 100
72 16.2 17.7 26.5#





#31
Cyclohexane
Concen: 135.959 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

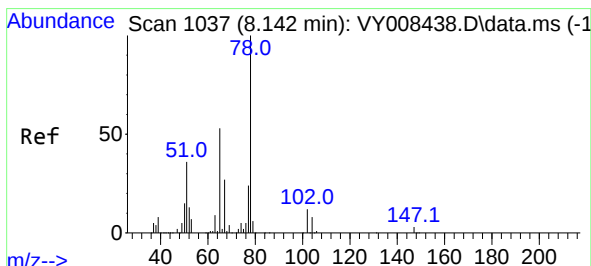
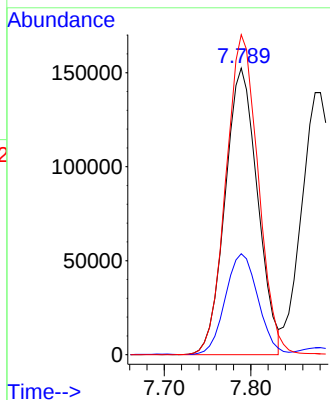
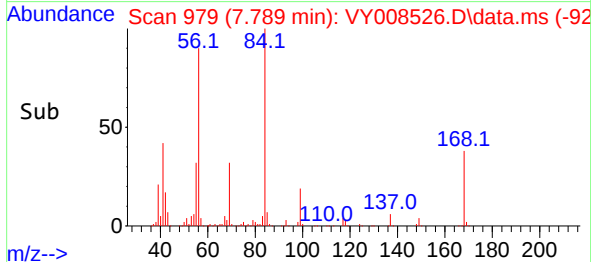
Instrument :
MSVOA_Y
ClientSampleId :
GT-04-(10-15)



Tgt Ion: 56 Resp: 396912
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 111.6 67.2 100.8

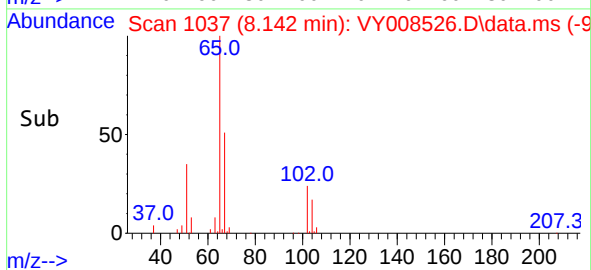
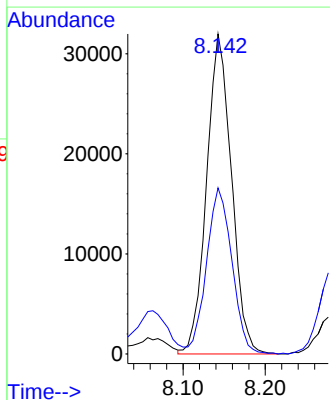
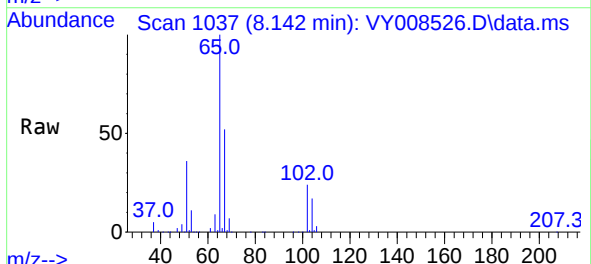
Manual Integrations
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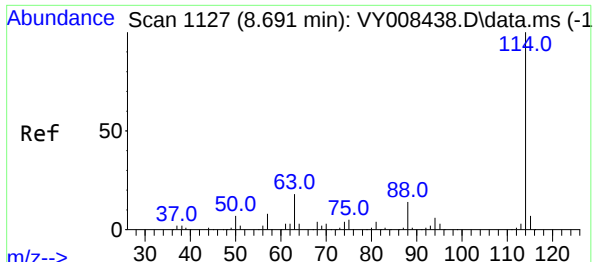
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#33
1,2-Dichloroethane-d4
Concen: 37.849 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

Tgt Ion: 65 Resp: 67212
Ion Ratio Lower Upper
65 100
67 53.1 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: VY008526.D
Acq: 27 Apr 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

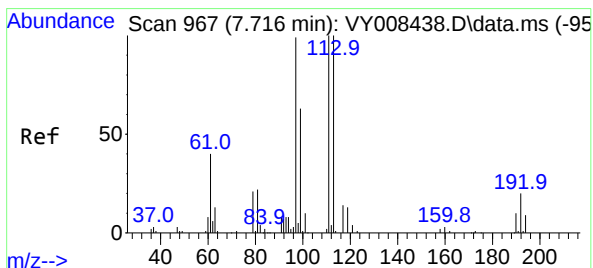
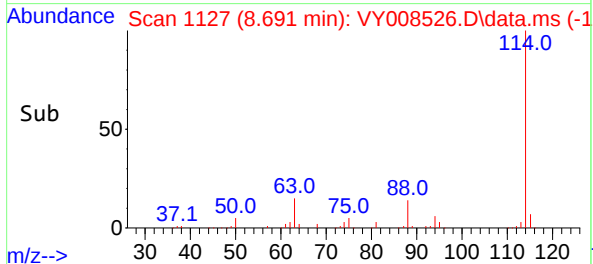
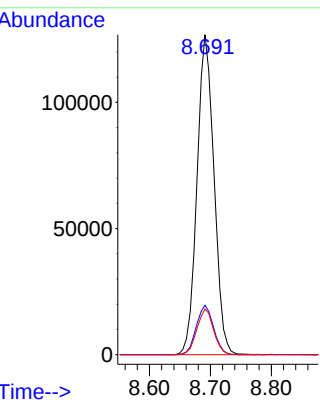
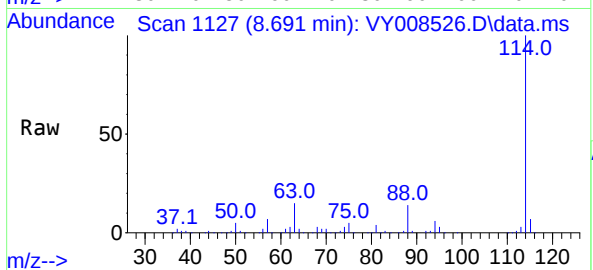
GT-04-(10-15)

Tgt Ion:114 Resp: 246368
Ion Ratio Lower Upper
114 100
63 15.5 0.0 43.2
88 14.3 0.0 31.8

Manual Integrations

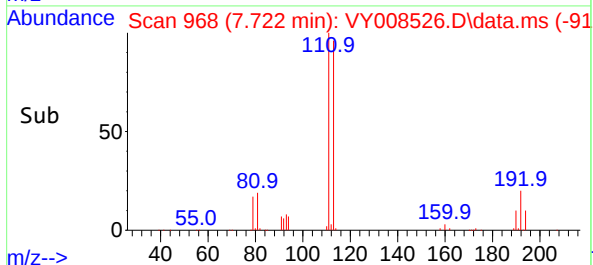
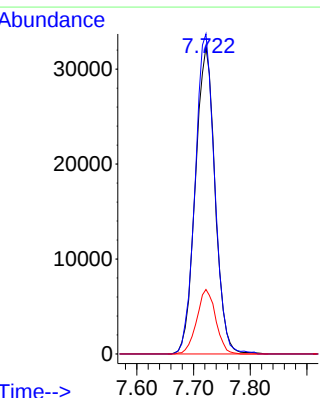
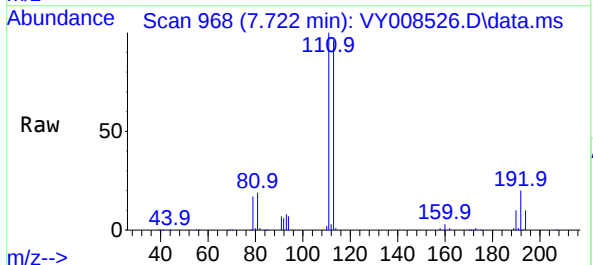
APPROVED

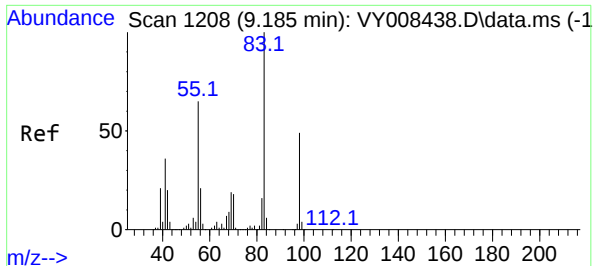
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022



#35
Dibromofluoromethane
Concen: 48.964 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

Tgt Ion:113 Resp: 77853
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 20.3 17.6 26.4





#39

Methylcyclohexane

Concen: 2767.641 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY008526.D

Acq: 27 Apr 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

GT-04-(10-15)

Tgt Ion: 83 Resp: 896271

Ion Ratio Lower Upper

83 100

55 57.1 66.5 99.7

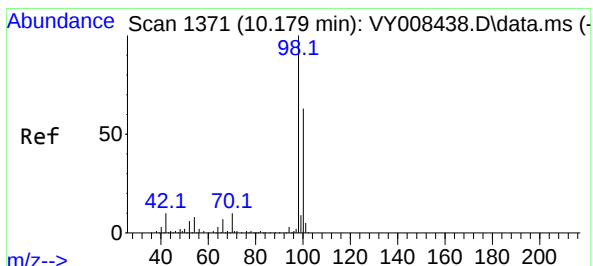
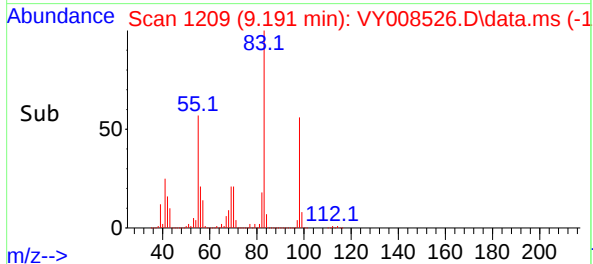
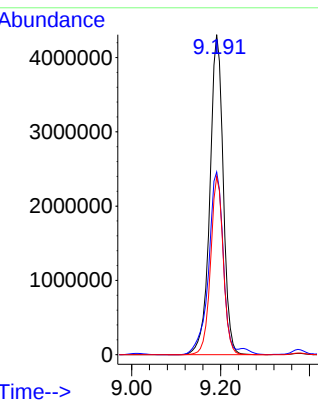
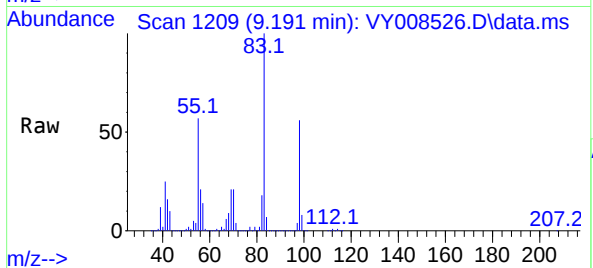
98 55.6 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 05/04/2022



#50

Toluene-d8

Concen: 293.041 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY008526.D

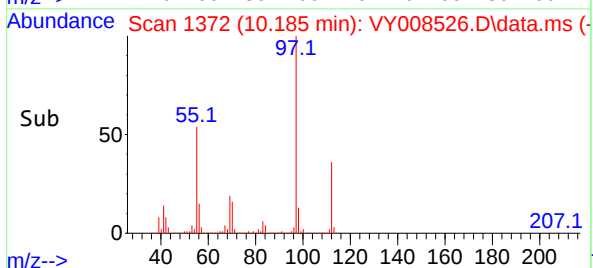
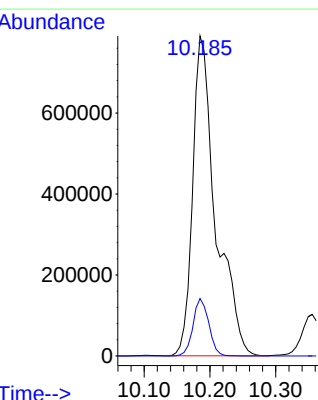
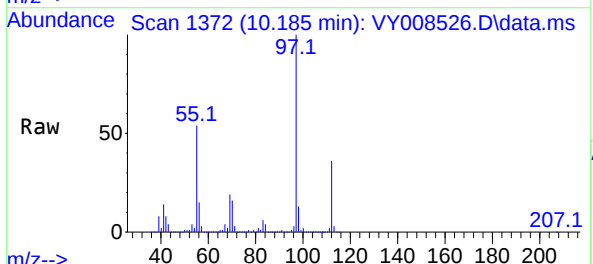
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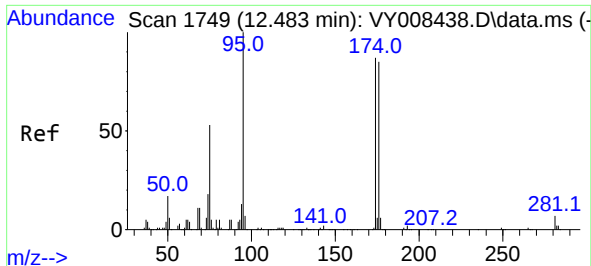
Tgt Ion: 98 Resp: 1926610

Ion Ratio Lower Upper

98 100

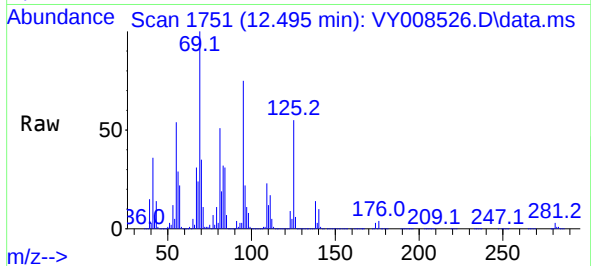
100 12.3 50.2 75.2#





#62
4-Bromofluorobenzene
Concen: 989.151 ug/l
RT: 12.495 min Scan# 1749
Delta R.T. 0.012 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

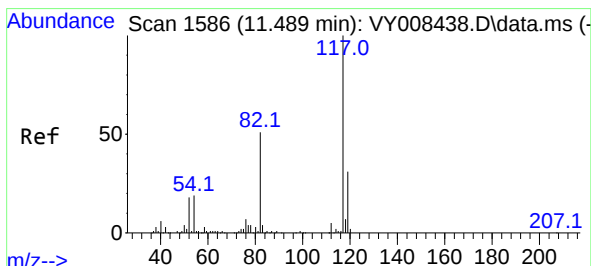
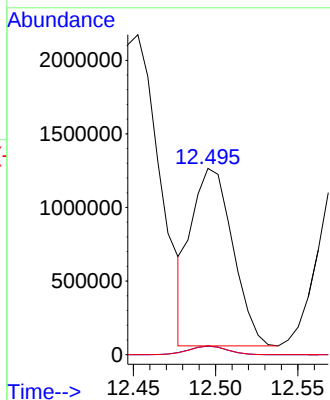
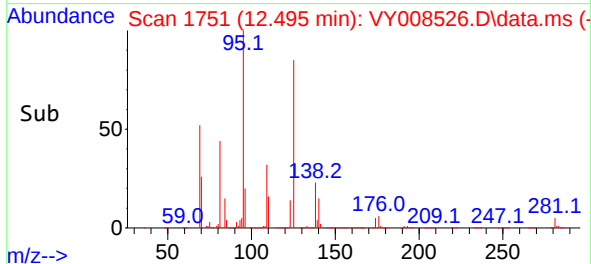
Instrument :
MSVOA_Y
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GT-04-(10-15)



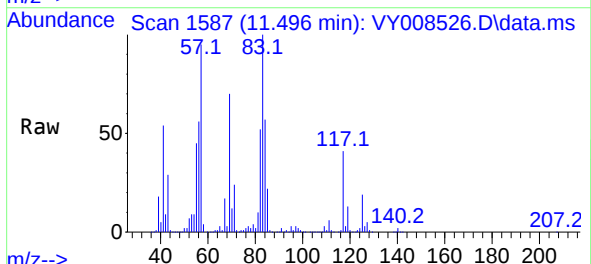
Tgt Ion: 95 Resp: 2117798
Ion Ratio Lower Upper
95 100
174 4.5 0.0 177.0
176 4.5 0.0 175.8

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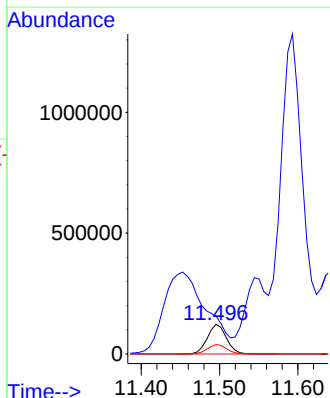
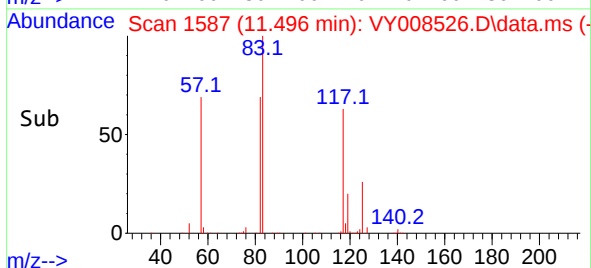
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

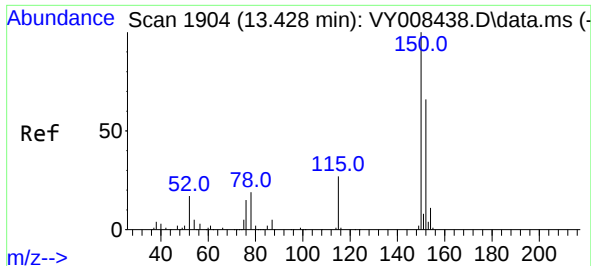


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48



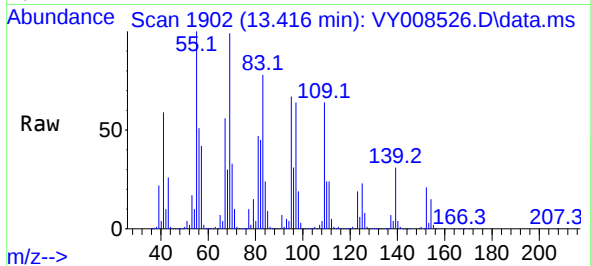
Tgt Ion:117 Resp: 205313
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4#
119 32.1 25.4 38.0





#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: VY008526.D
Acq: 27 Apr 2022 14:48

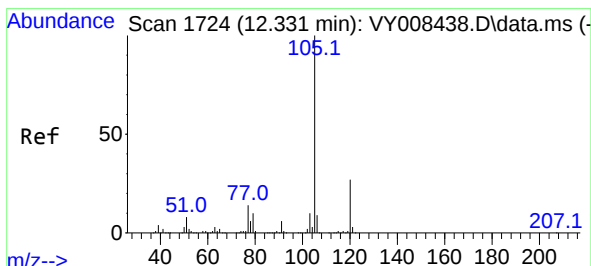
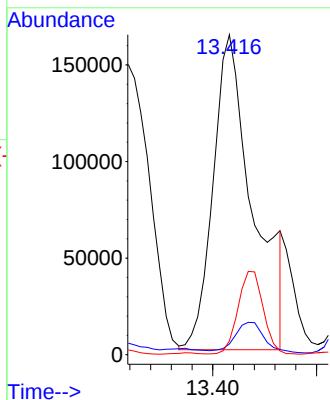
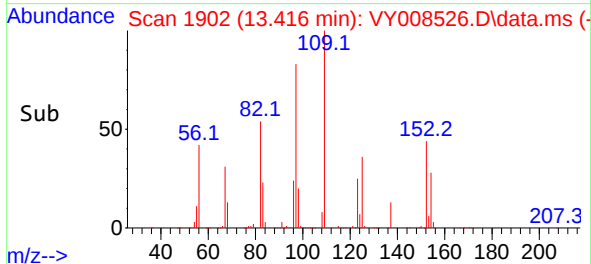
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GT-04-(10-15)



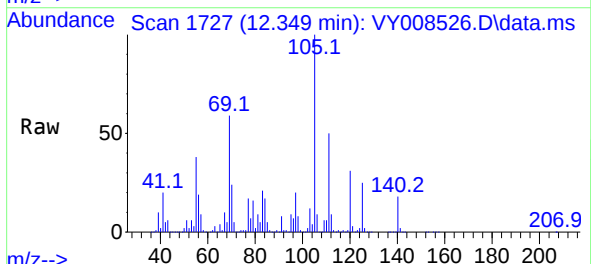
Tgt Ion:152 Resp: 433785
Ion Ratio Lower Upper
152 100
115 28.5 28.2 84.7
150 0.8 0.0 347.6

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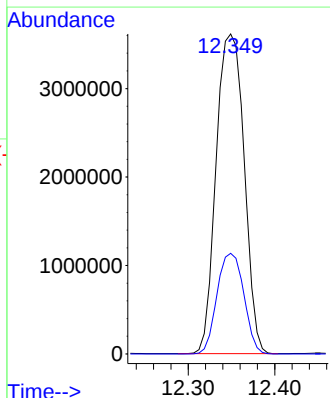
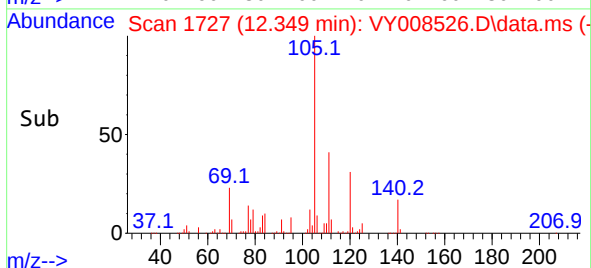
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

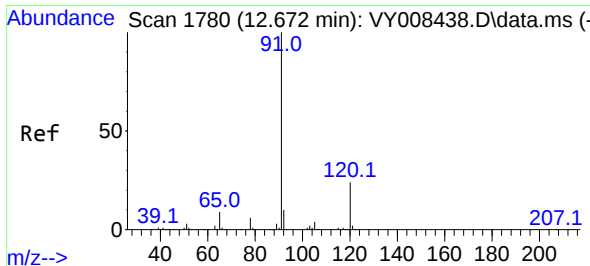


#73
Isopropylbenzene
Concen: 246.992 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.018 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48



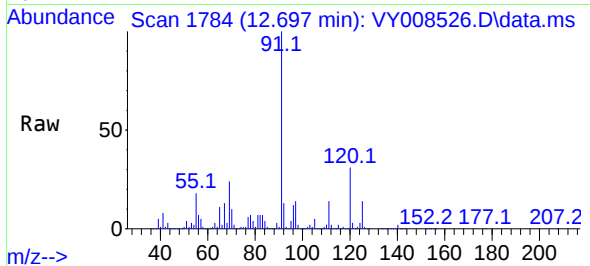
Tgt Ion:105 Resp: 8123379
Ion Ratio Lower Upper
105 100
120 30.1 13.4 40.2





#78
n-propylbenzene
Concen: 242.943 ug/l
RT: 12.697 min Scan# 1784
Delta R.T. 0.025 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48

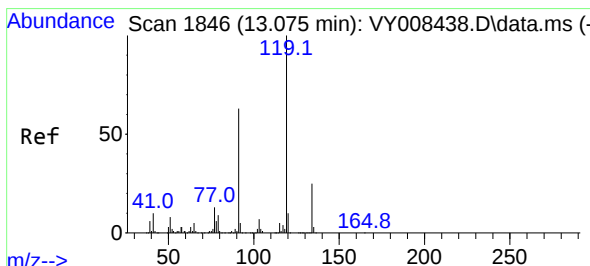
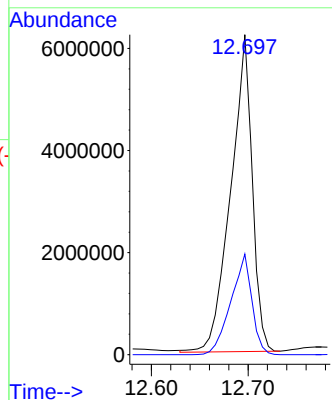
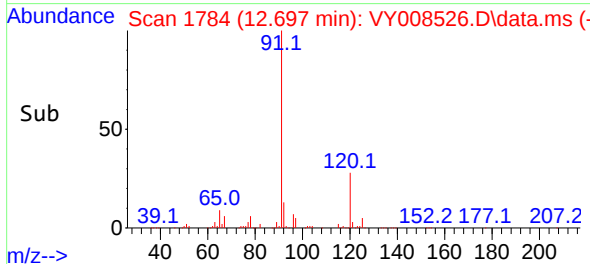
Instrument :
MSVOA_Y
ClientSampleId :
GT-04-(10-15)



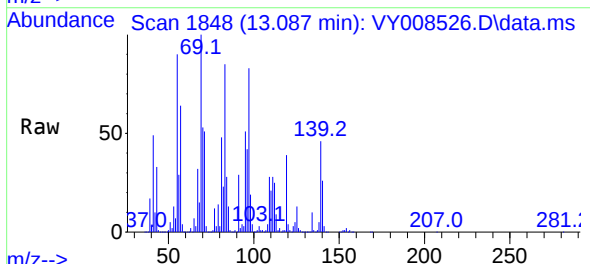
Tgt Ion: 91 Resp: 958407
Ion Ratio Lower Upper
91 100
120 31.0 11.3 33.9

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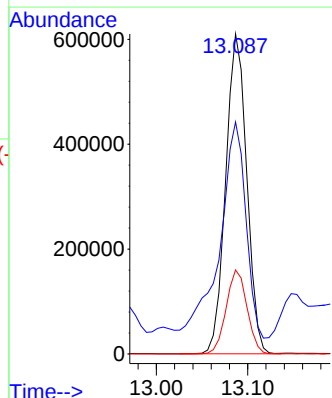
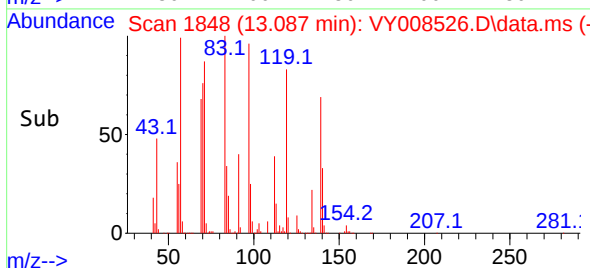
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 05/04/2022

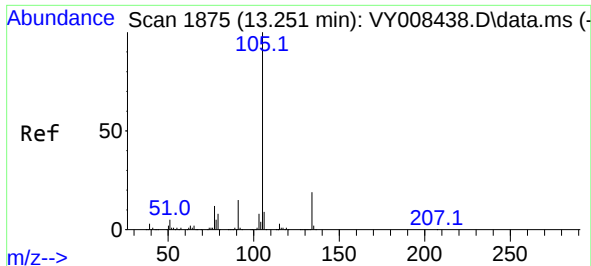


#83
tert-Butylbenzene
Concen: 41.144 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.012 min
Lab File: VY008526.D
Acq: 27 Apr 2022 14:48



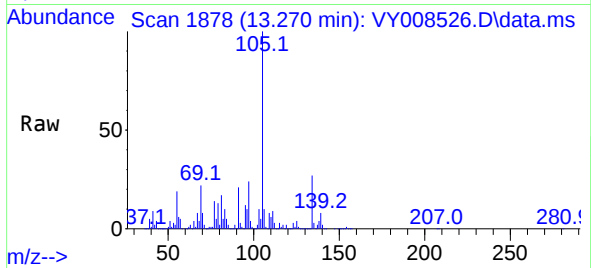
Tgt Ion:119 Resp: 975070
Ion Ratio Lower Upper
119 100
91 84.1 34.8 104.4
134 26.0 13.3 39.9





#85
 sec-Butylbenzene
 Concen: 312.326 ug/l
 RT: 13.270 min Scan# 11170414
 Delta R.T. 0.019 min
 Lab File: VY008526.D
 Acq: 27 Apr 2022 14:48

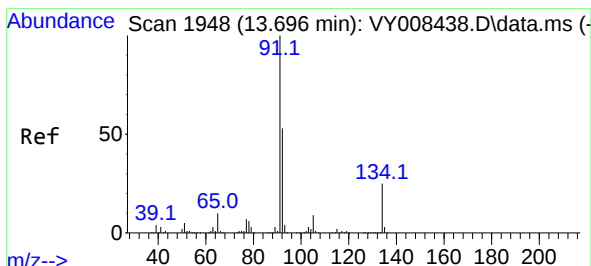
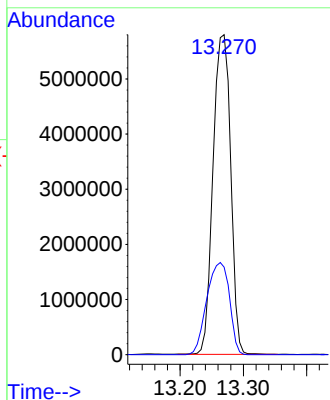
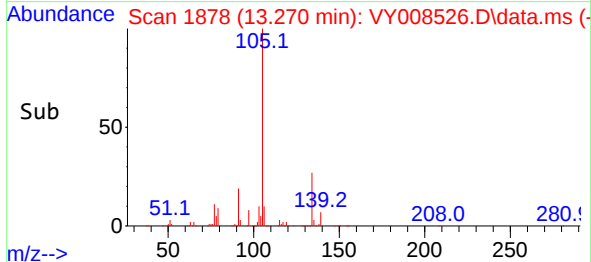
Instrument :
 MSVOA_Y
 ClientSampleId :
 GT-04-(10-15)



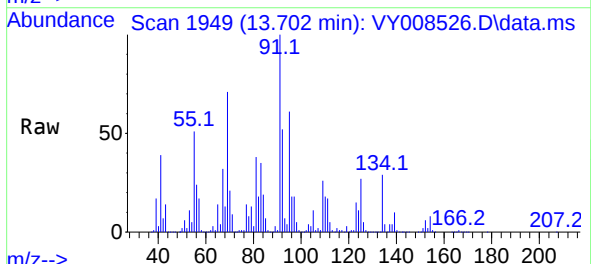
Tgt Ion:105 Resp:11170414
 Ion Ratio Lower Upper
 105 100
 134 37.1 10.2 30.4

Manual Integrations
 APPROVED

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



#89
 n-Butylbenzene
 Concen: 36.958 ug/l
 RT: 13.702 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VY008526.D
 Acq: 27 Apr 2022 14:48



Tgt Ion: 91 Resp: 1004727
 Ion Ratio Lower Upper
 91 100
 92 52.9 26.3 78.9
 134 41.0 13.0 38.9

