

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008271.D
 Acq On : 11 Apr 2022 14:32
 Operator : KP/MD
 Sample : N2328-04
 Misc : 2.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/12/2022
 Supervised By :Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 06:58:08 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	7.789	168	177647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200370	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	340877	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70878	42.475	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.960%		
35) Dibromofluoromethane	7.722	113	82208	53.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.820%		
50) Toluene-d8	10.179	98	810998	155.415	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	310.840%#		
62) 4-Bromofluorobenzene	12.483	95	553646	282.081	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	564.160%#		
Target Compounds					Qvalue	
17) Carbon Disulfide	4.198	76	5572	1.205	ug/l	95
31) Cyclohexane	7.789	56	1180720	391.294	ug/l #	73
39) Methylcyclohexane	9.185	83	7054367	2251.422	ug/l #	80
40) Benzene	8.161	78	23049	3.178	ug/l	95
52) Toluene	10.246	92	32843	6.874	ug/l	88
67) Ethyl Benzene	11.599	91	76330	10.329	ug/l	98
69) o-Xylene	12.032	106	83135	29.150	ug/l	59
73) Isopropylbenzene	12.337	105	10382130	409.656	ug/l	91
78) n-propylbenzene	12.678	91	13295015	444.567	ug/l	83
83) tert-Butylbenzene	13.081	119	479478	25.719	ug/l	95
84) 1,2,4-Trimethylbenzene	13.129	105	124421m	6.050	ug/l	
85) sec-Butylbenzene	13.264	105	10340164	374.110	ug/l #	76
86) p-Isopropyltoluene	13.379	119	190134m	8.244	ug/l	
89) n-Butylbenzene	13.702	91	6005946	288.211	ug/l #	85

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

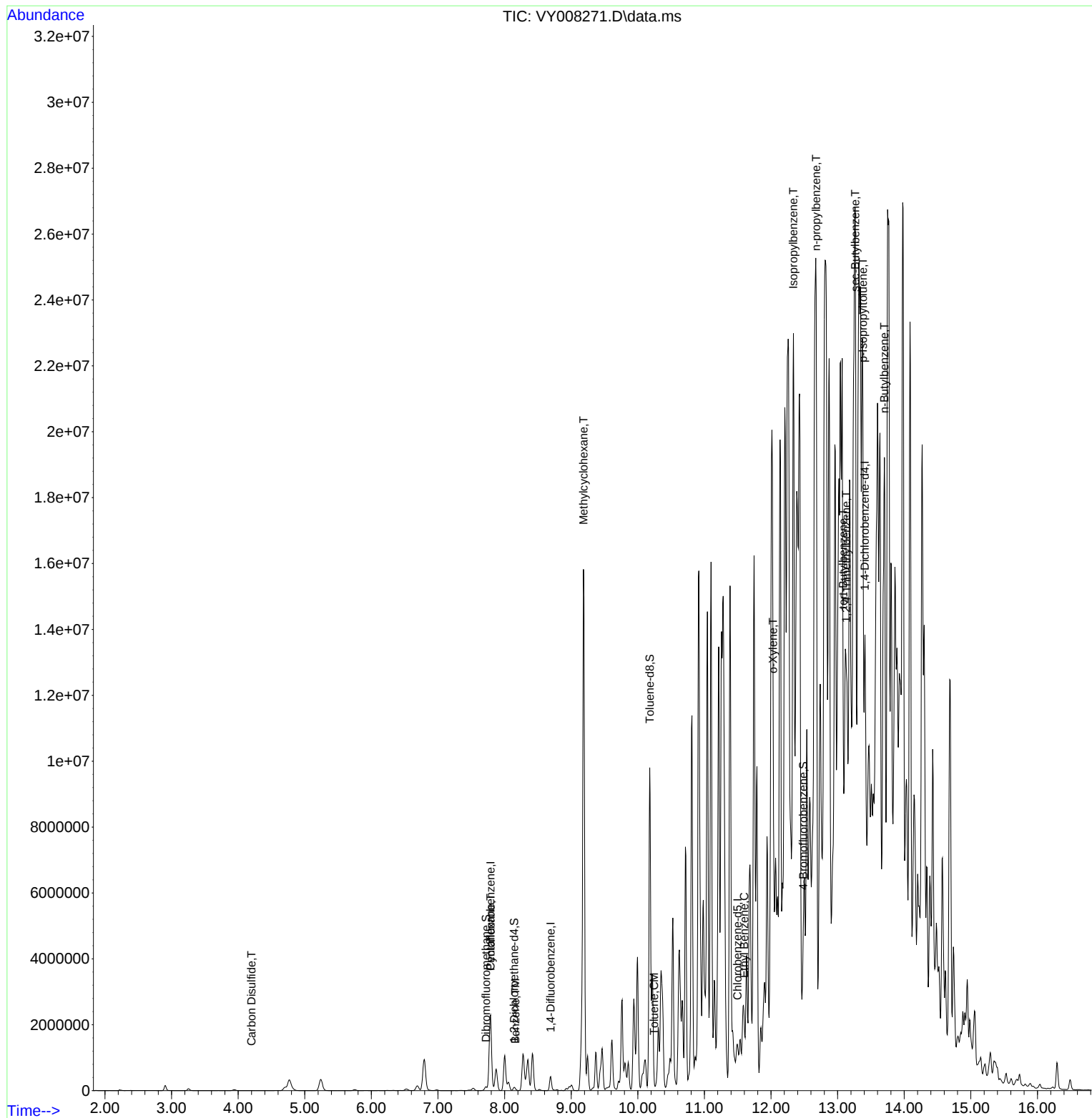
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008271.D
Acq On : 11 Apr 2022 14:32
Operator : KP/MD
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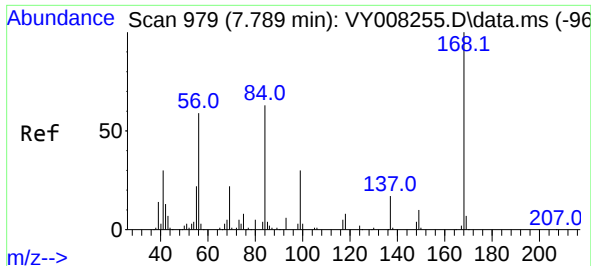
Instrument :
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ClientSampleId :
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Supervised By :Mahesh Dadoda 04/12/2022

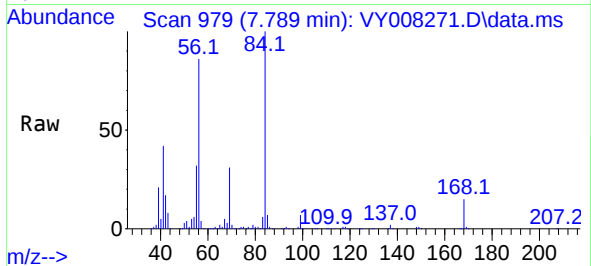
Quant Time: Apr 12 06:58:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

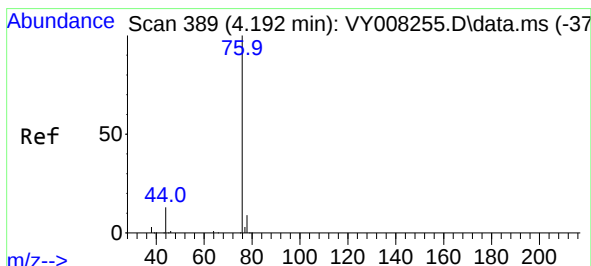
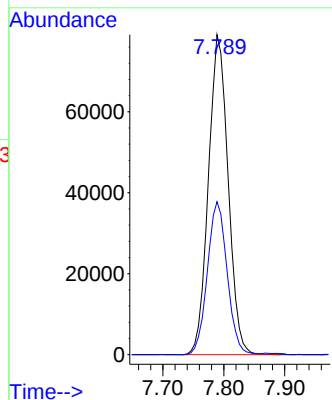
Instrument :
MSVOA_Y
ClientSampleId :
B-4



Tgt Ion: 168 Resp: 17764
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3

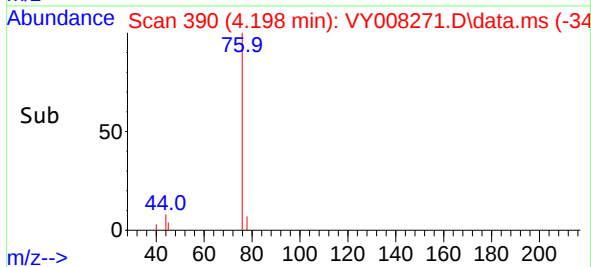
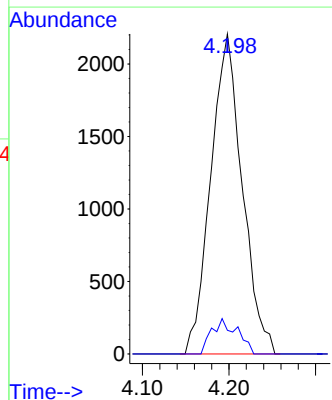
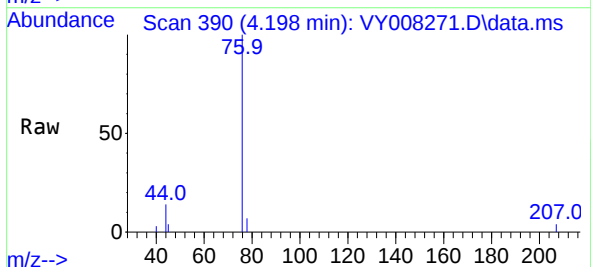
Manual Integrations
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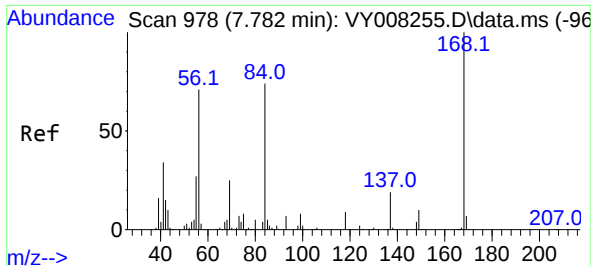
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#17
Carbon Disulfide
Concen: 1.205 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

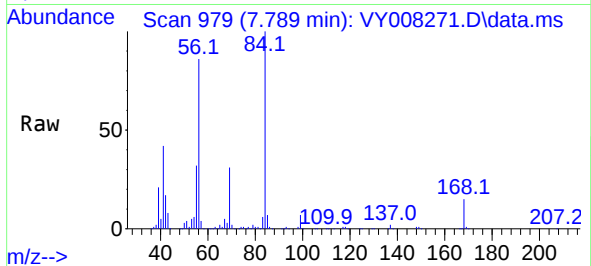
Tgt Ion: 76 Resp: 5572
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0





#31
Cyclohexane
Concen: 391.294 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

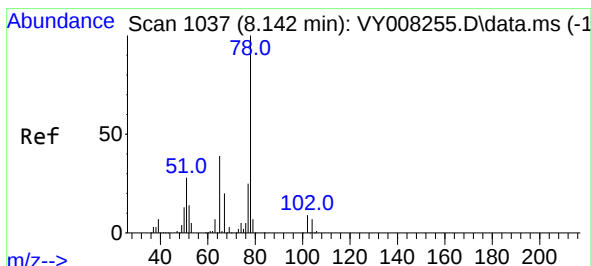
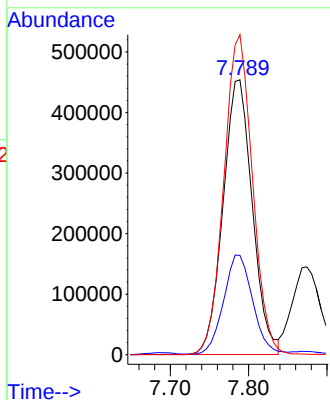
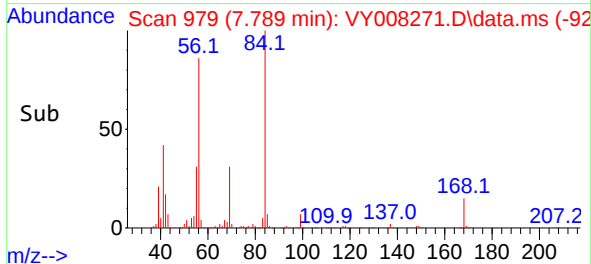
Instrument :
MSVOA_Y
ClientSampleId :
B-4



Tgt Ion: 56 Resp: 1180720
Ion Ratio Lower Upper
56 100
69 35.8 26.7 40.1
84 116.5 67.2 100.8

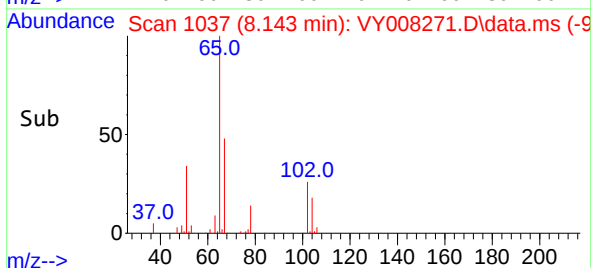
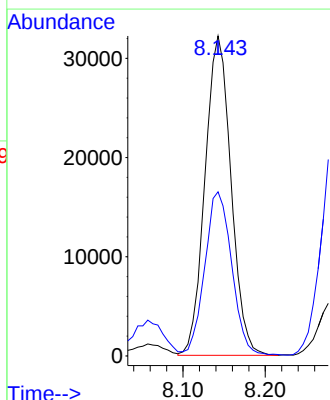
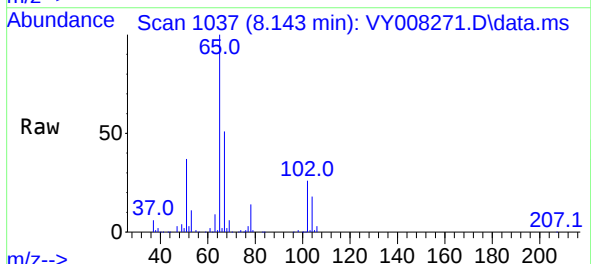
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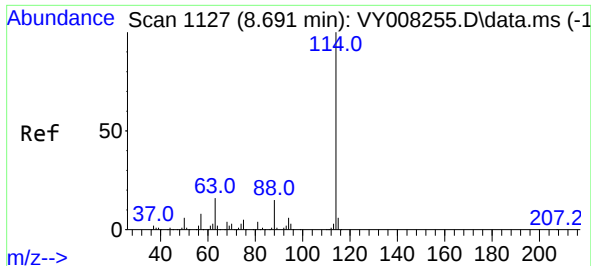
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#33
1,2-Dichloroethane-d4
Concen: 42.475 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

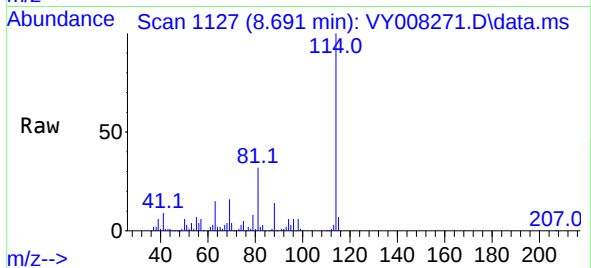
Tgt Ion: 65 Resp: 70878
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

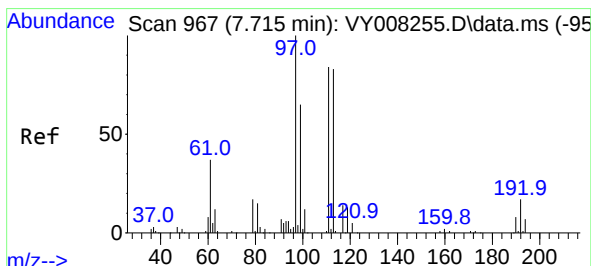
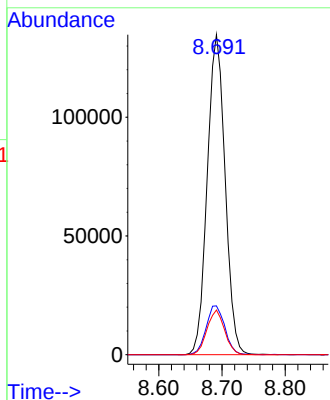
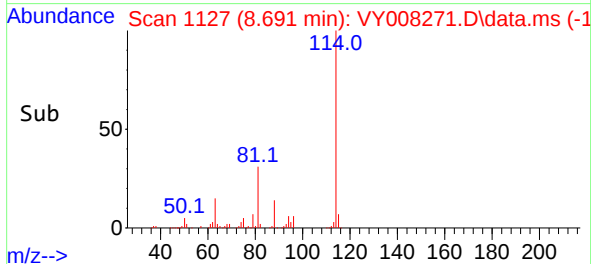
Instrument :
MSVOA_Y
ClientSampleId :
B-4



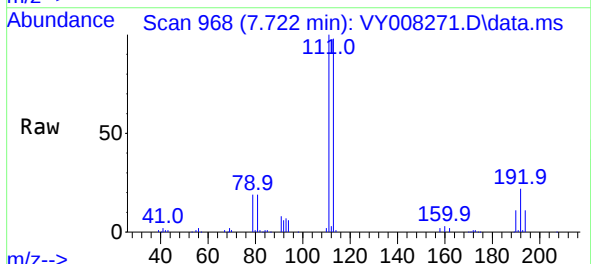
Tgt Ion:114 Resp: 26403
Ion Ratio Lower Upper
114 100
63 15.2 0.0 43.2
88 13.9 0.0 31.8

Manual Integrations
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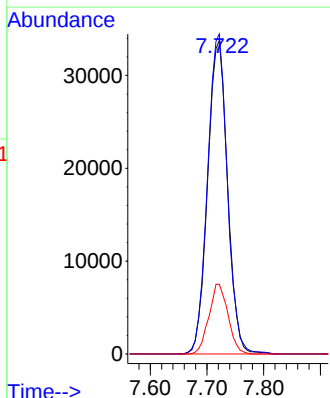
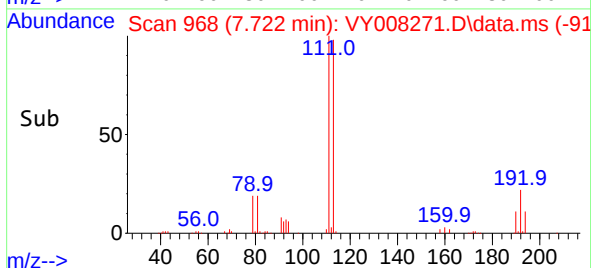
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

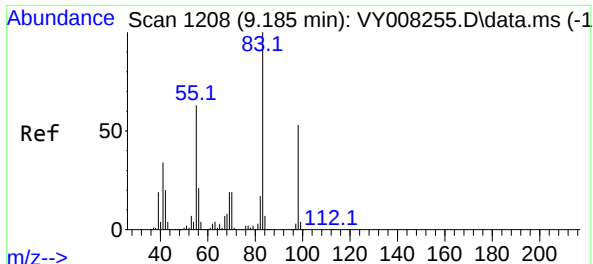


#35
Dibromofluoromethane
Concen: 53.907 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32



Tgt Ion:113 Resp: 82208
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 21.4 17.6 26.4





#39

Methylcyclohexane

Concen: 2251.422 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008271.D

Acq: 11 Apr 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

B-4

Tgt Ion: 83 Resp: 705436

Ion Ratio Lower Upper

83 100

55 60.3 66.5 99.7

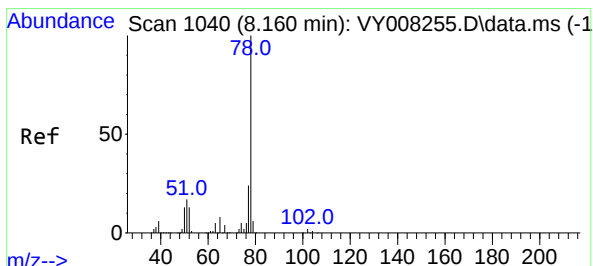
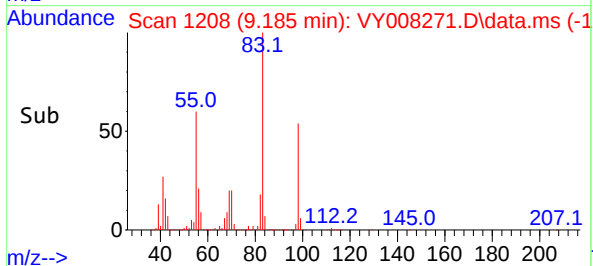
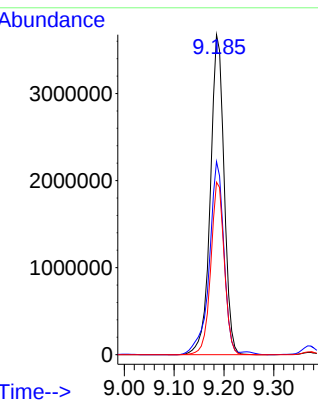
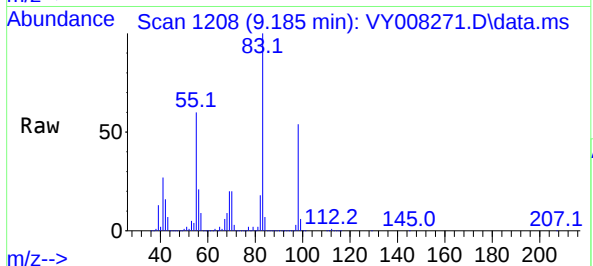
98 53.9 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#40

Benzene

Concen: 3.178 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008271.D

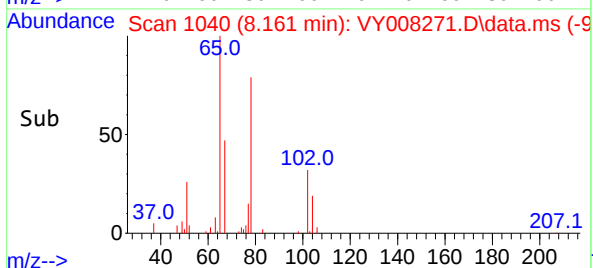
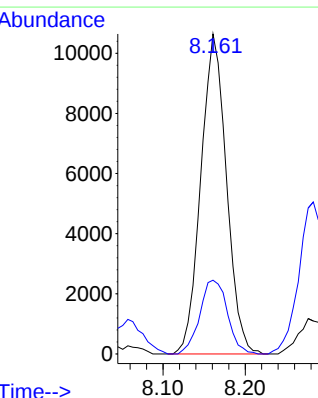
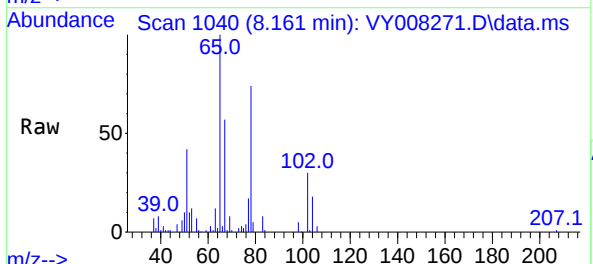
Acq: 11 Apr 2022 14:32

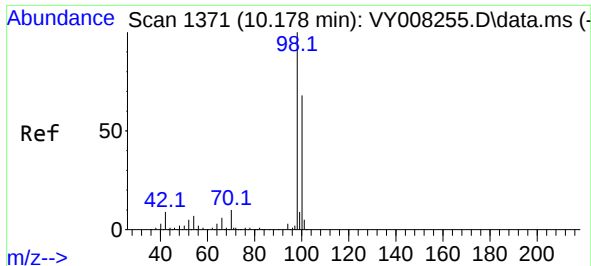
Tgt Ion: 78 Resp: 23049

Ion Ratio Lower Upper

78 100

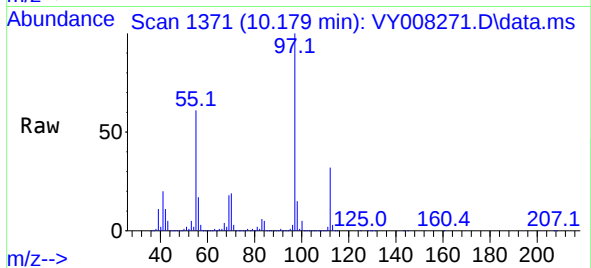
77 23.1 20.4 30.6





#50
Toluene-d8
Concen: 155.415 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

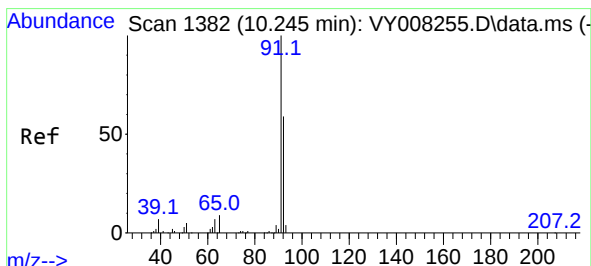
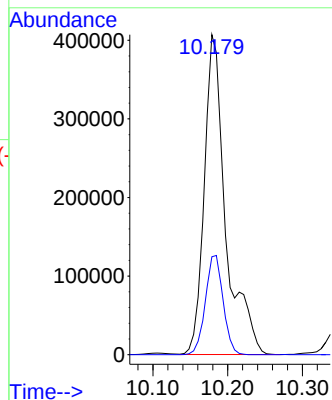
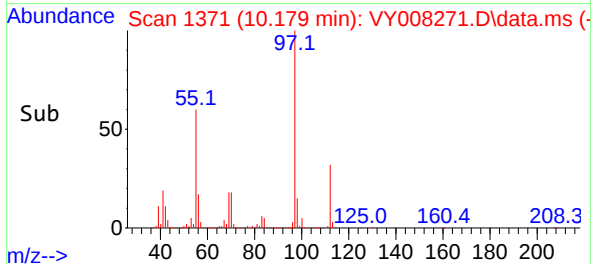
Instrument :
MSVOA_Y
ClientSampleId :
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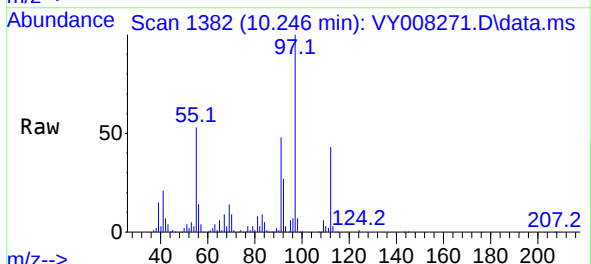
Tgt Ion: 98 Resp: 810998
Ion Ratio Lower Upper
98 100
100 25.6 50.2 75.2

Manual Integrations
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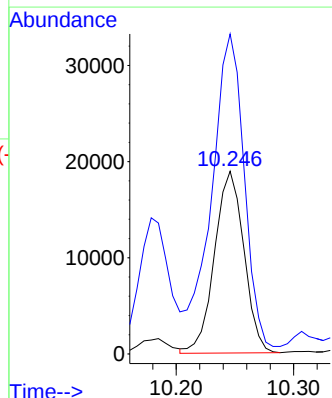
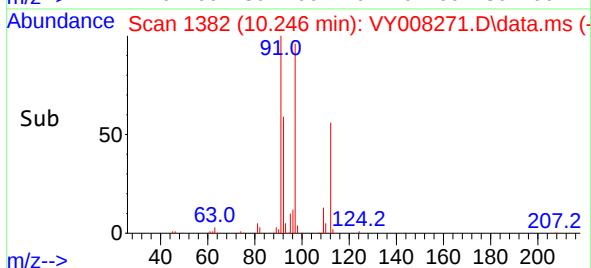
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

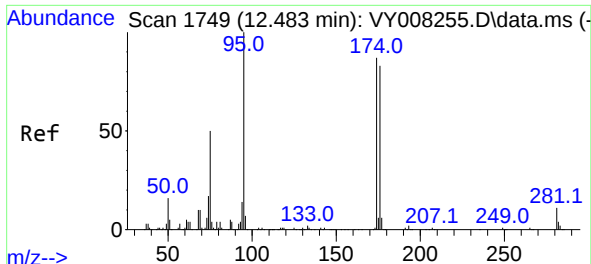


#52
Toluene
Concen: 6.874 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32



Tgt Ion: 92 Resp: 32843
Ion Ratio Lower Upper
92 100
91 195.0 142.6 213.8





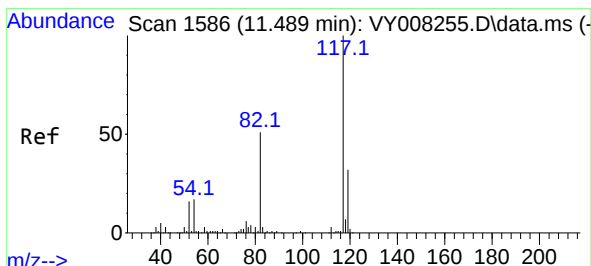
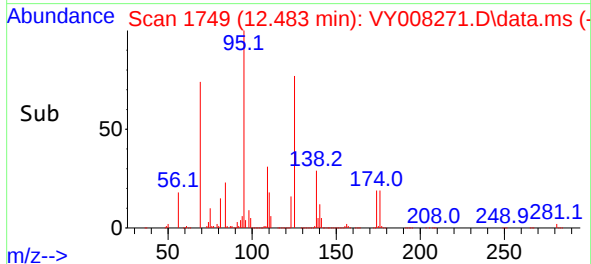
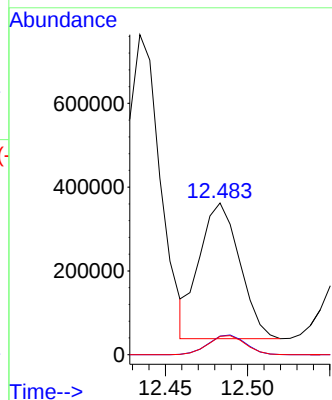
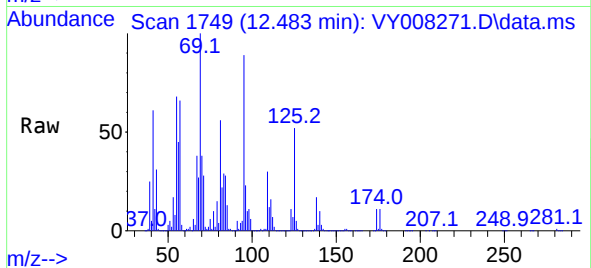
#62
4-Bromofluorobenzene
Concen: 282.081 ug/l
RT: 12.483 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :
B-4

Tgt Ion: 95 Resp: 553640
Ion Ratio Lower Upper
95 100
174 13.4 0.0 177.0
176 13.0 0.0 175.8

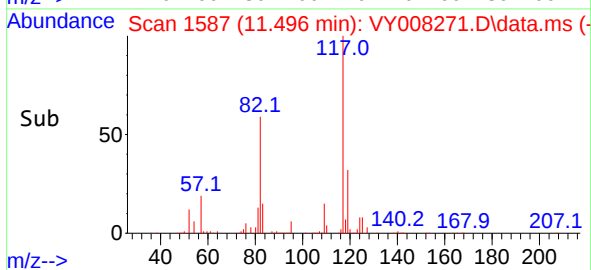
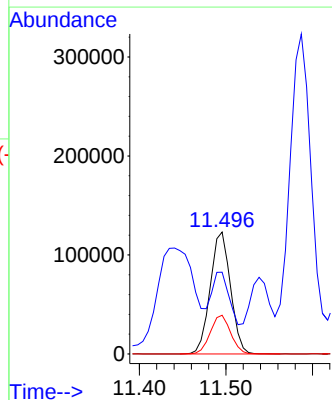
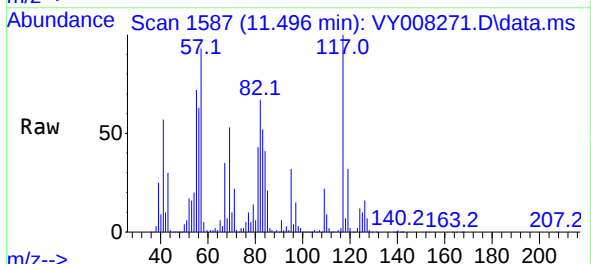
Manual Integrations
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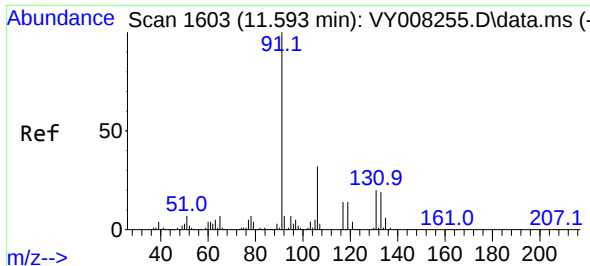
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

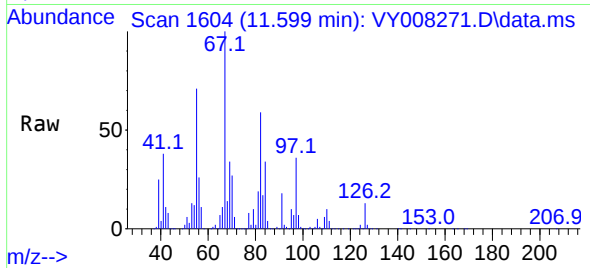
Tgt Ion:117 Resp: 200370
Ion Ratio Lower Upper
117 100
82 26.3 43.0 64.4#
119 31.7 25.4 38.0





#67
Ethyl Benzene
Concen: 10.329 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

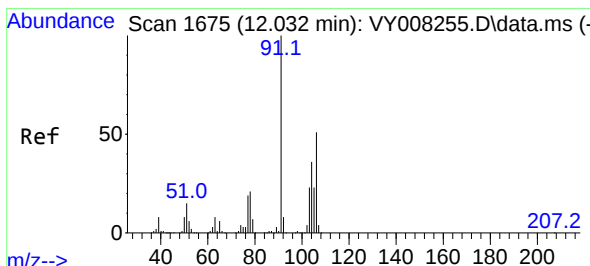
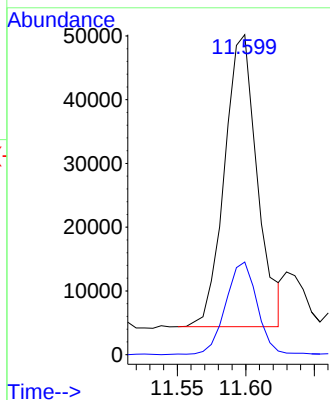
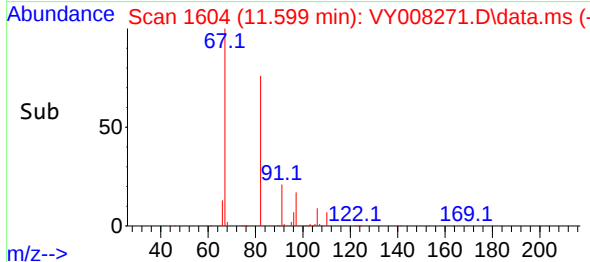
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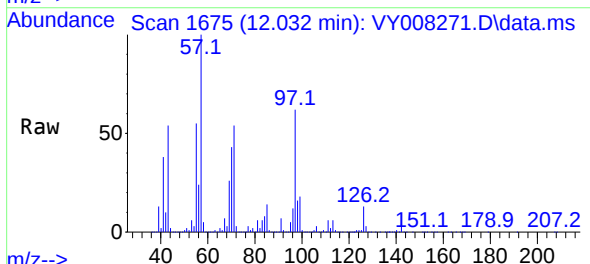
Tgt Ion: 91 Resp: 76330
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

Manual Integrations
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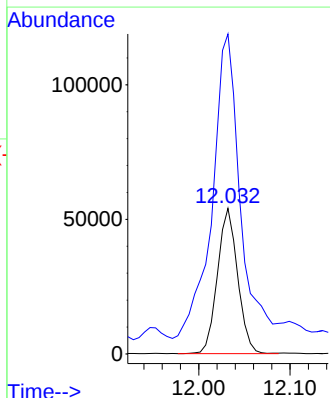
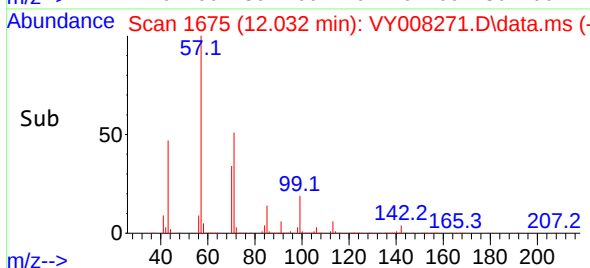
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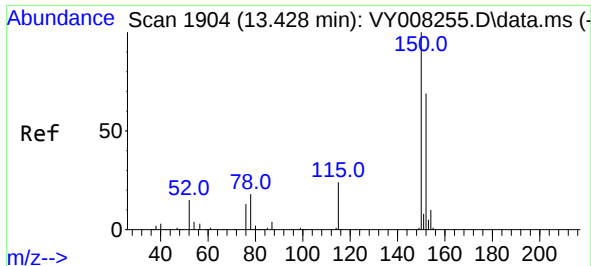


#69
o-Xylene
Concen: 29.150 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32



Tgt Ion:106 Resp: 83135
Ion Ratio Lower Upper
106 100
91 287.5 110.3 331.0





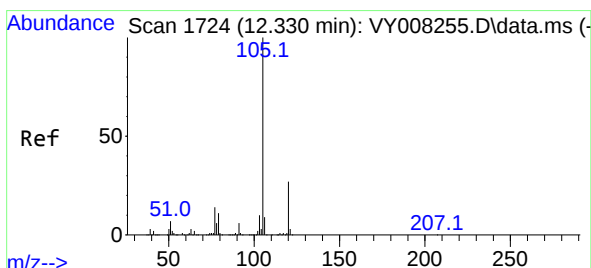
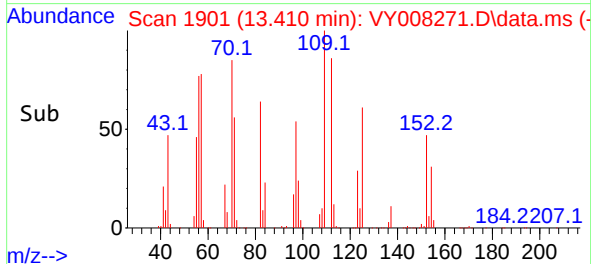
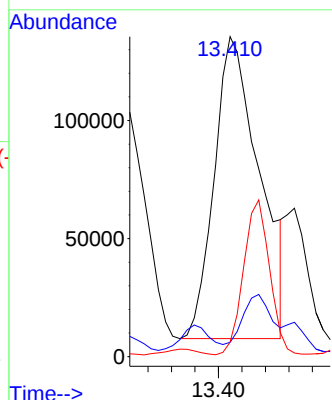
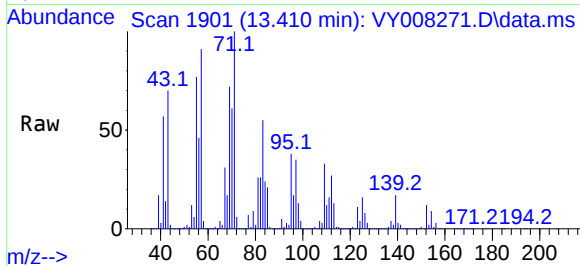
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1904
Delta R.T. -0.018 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :
B-4

Tgt Ion:152 Resp: 34087
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7
150 0.0 0.0 347.6

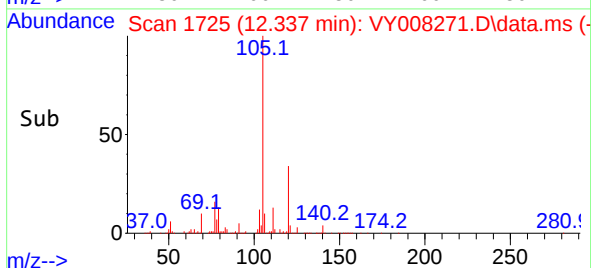
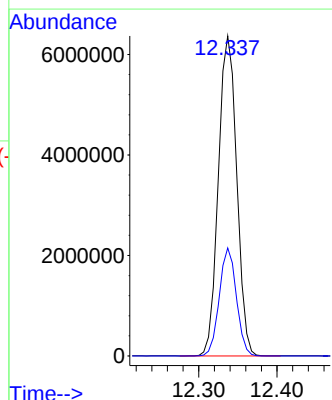
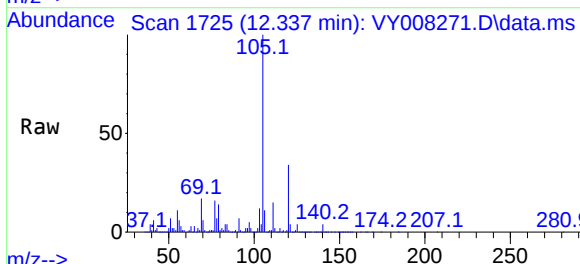
Manual Integrations
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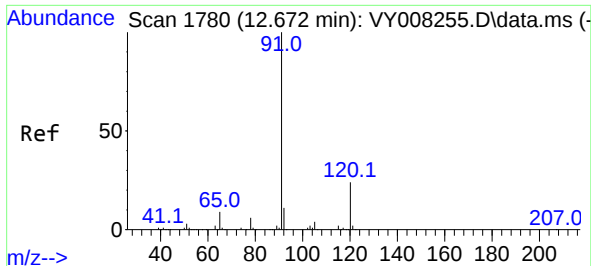
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#73
Isopropylbenzene
Concen: 409.656 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Tgt Ion:105 Resp:10382130
Ion Ratio Lower Upper
105 100
120 31.4 13.4 40.2





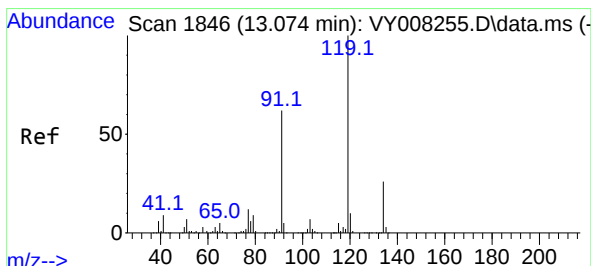
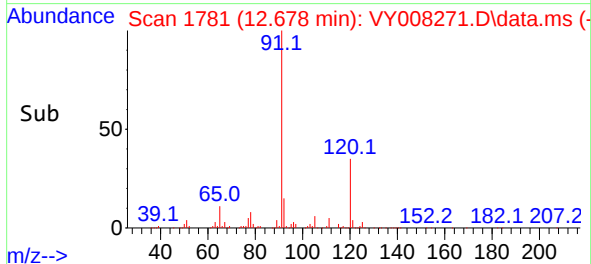
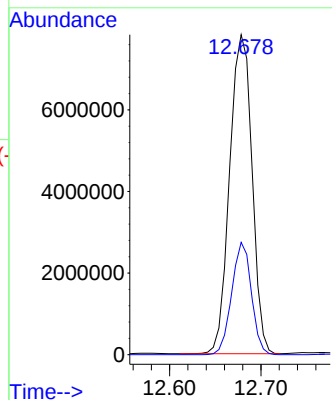
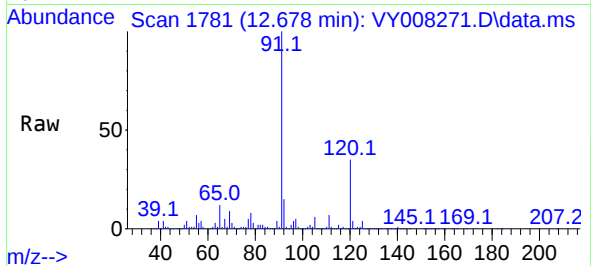
#78
n-propylbenzene
Concen: 444.567 ug/l
RT: 12.678 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :
B-4

Tgt Ion: 91 Resp:1329501
Ion Ratio Lower Upper
91 100
120 30.9 11.3 33.9

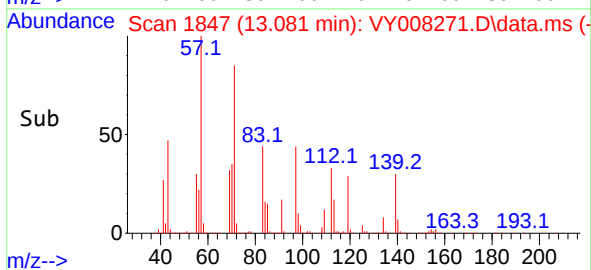
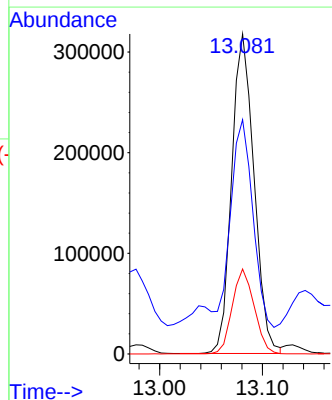
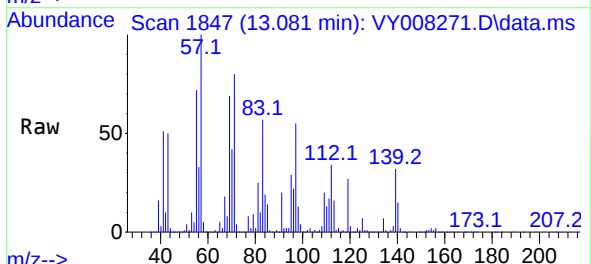
Manual Integrations
APPROVED

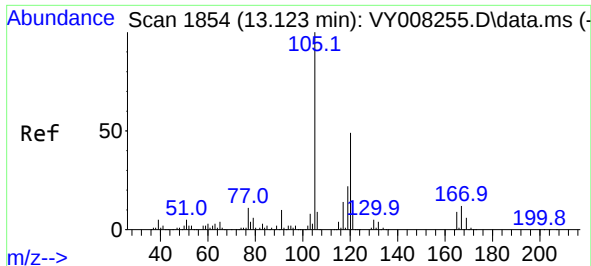
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#83
tert-Butylbenzene
Concen: 25.719 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.007 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

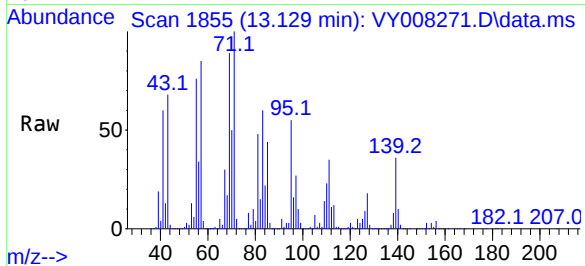
Tgt Ion:119 Resp: 479478
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.4
134 26.1 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 6.050 ug/l m
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

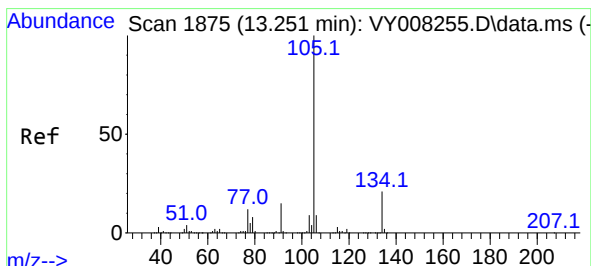
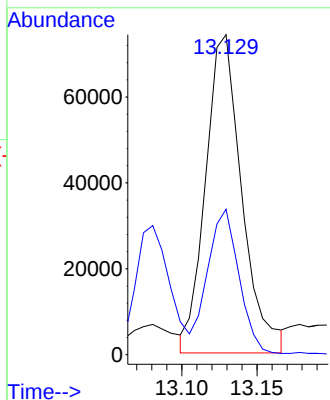
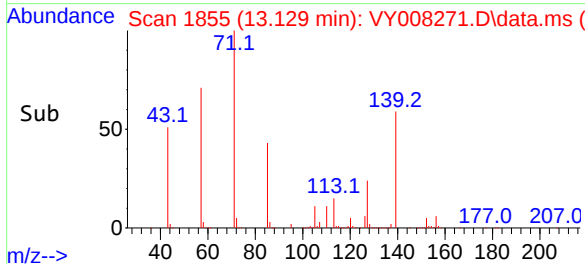
Instrument :
MSVOA_Y
ClientSampleId :
B-4



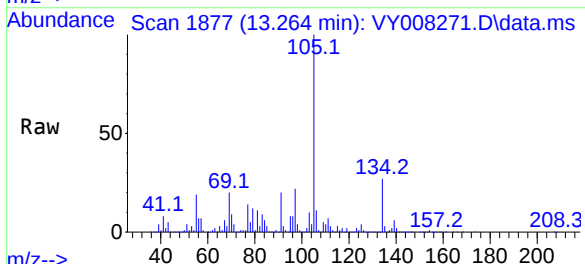
Tgt Ion:105 Resp: 12442
Ion Ratio Lower Upper
105 100
120 219.4 22.3 66.9

Manual Integrations
APPROVED

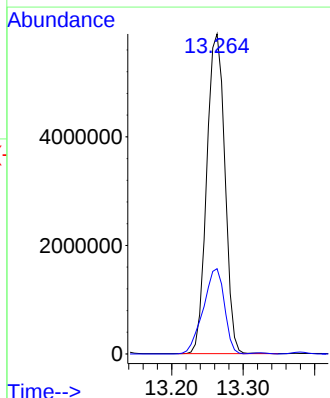
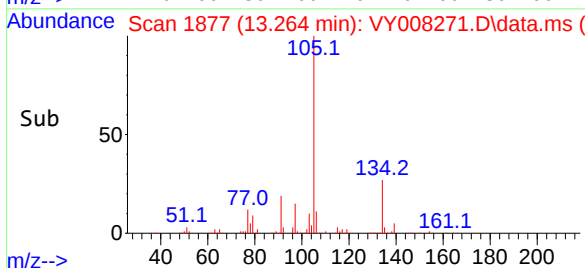
Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

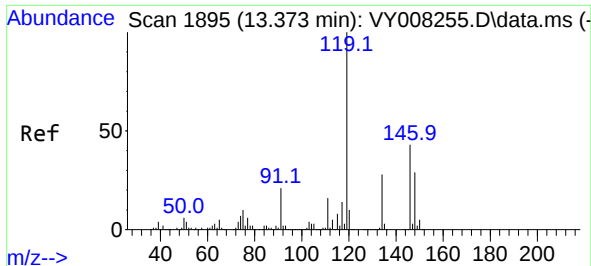


#85
sec-Butylbenzene
Concen: 374.110 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.013 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32



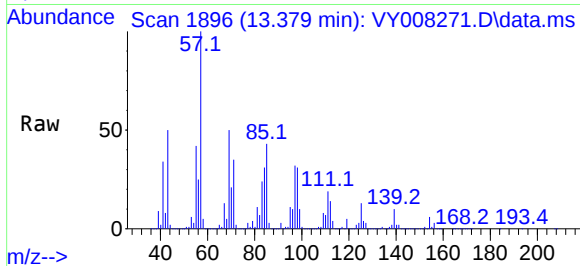
Tgt Ion:105 Resp:10340164
Ion Ratio Lower Upper
105 100
134 31.2 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 8.244 ug/l m
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32

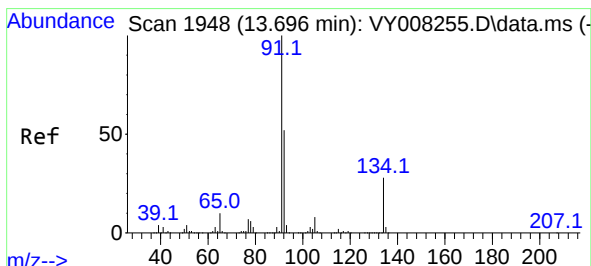
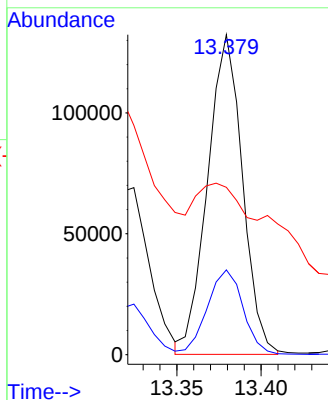
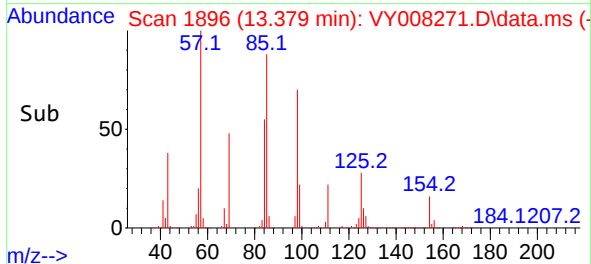
Instrument :
MSVOA_Y
ClientSampleId :
B-4



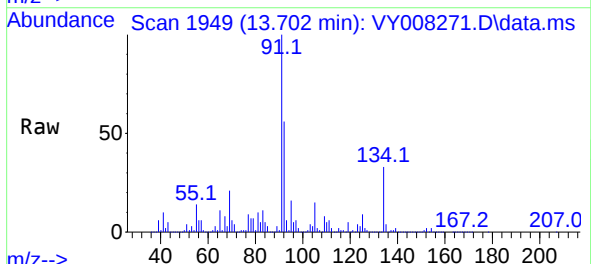
Tgt Ion: 119 Resp: 190134
Ion Ratio Lower Upper
119 100
134 159.4 13.2 39.5
91 163.3 12.4 37.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#89
n-Butylbenzene
Concen: 288.211 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008271.D
Acq: 11 Apr 2022 14:32



Tgt Ion: 91 Resp: 6005946
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 47.9 13.0 38.9

