

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007985.D
 Acq On : 22 Mar 2022 04:37
 Operator : SY/MD
 Sample : N2057-04
 Misc : 6.43/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-7-WEST-SIDEWALL

Quant Time: Mar 22 06:56:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	7660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	10954	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5576	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	5850	66.981	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.960%			
35) Dibromofluoromethane	7.710	113	4842	46.375	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.740%			
50) Toluene-d8	10.179	98	27101	90.641	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 181.280%#			
62) 4-Bromofluorobenzene	12.477	95	11593	77.365	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 154.740%#			
Target Compounds					Qvalue	
16) Acetone	3.948	43	2700m	116.532	ug/l	
25) 2-Butanone	6.997	43	2030	54.699	ug/l #	79
31) Cyclohexane	7.777	56	20739	175.347	ug/l	92
39) Methylcyclohexane	9.185	83	98518	610.299	ug/l	90
52) Toluene	10.240	92	749	2.577	ug/l	95
67) Ethyl Benzene	11.593	91	7882	16.863	ug/l	97
73) Isopropylbenzene	12.325	105	13729	27.972	ug/l	94
78) n-propylbenzene	12.672	91	21921	36.987	ug/l	98
83) tert-Butylbenzene	13.075	119	2530	7.005	ug/l #	49
84) 1,2,4-Trimethylbenzene	13.117	105	1978	4.999	ug/l	98
85) sec-Butylbenzene	13.251	105	30437	56.229	ug/l	84
86) p-Isopropyltoluene	13.367	119	10411	23.691	ug/l	88
89) n-Butylbenzene	13.697	91	21972	52.100	ug/l #	77

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

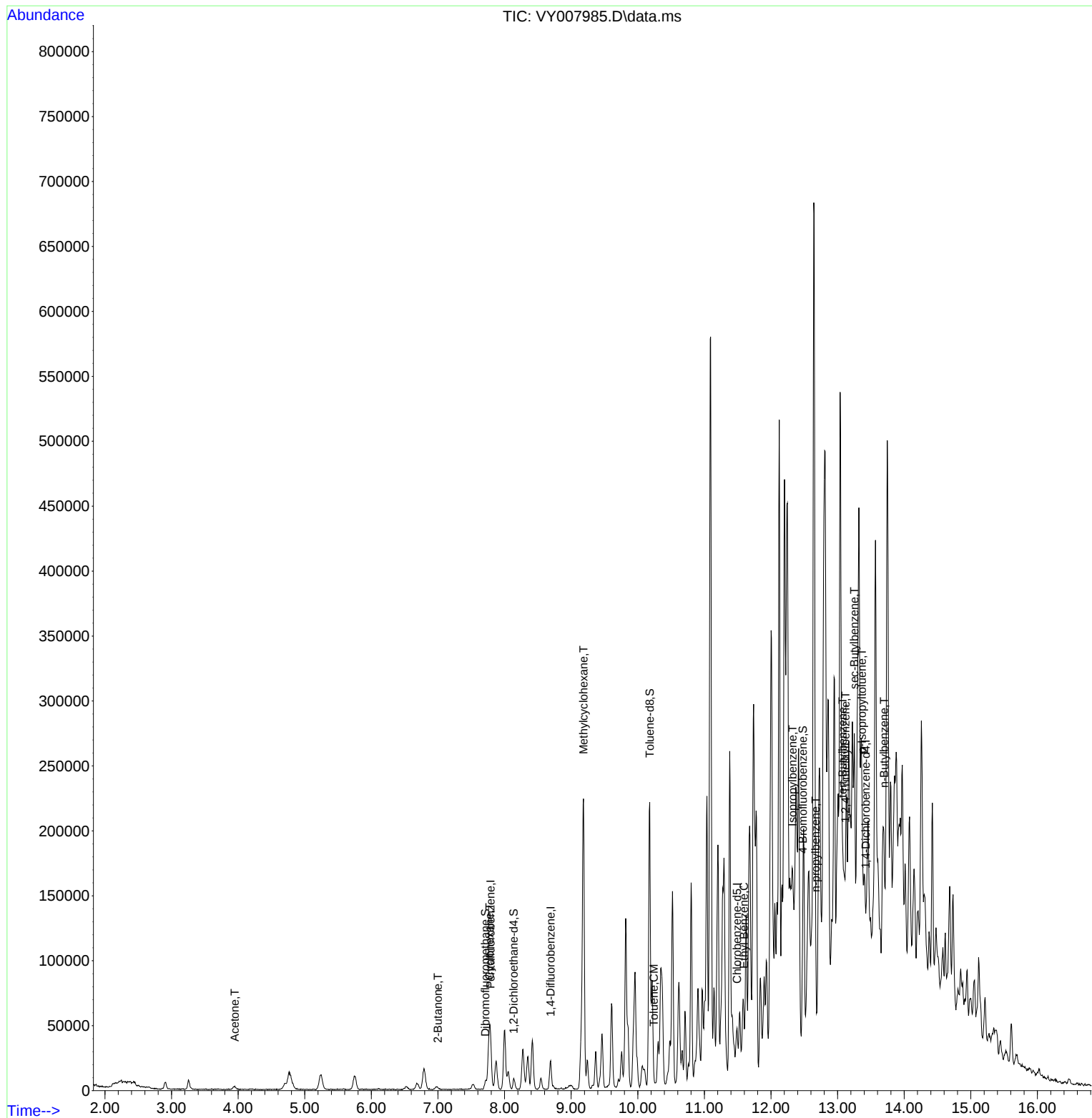
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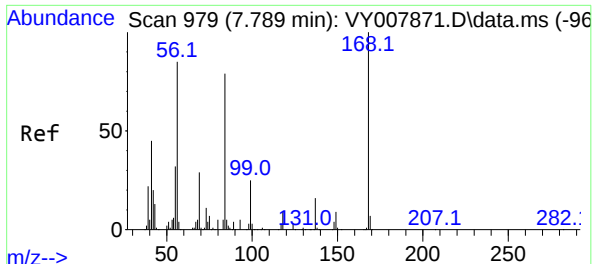
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALL

Quant Time: Mar 22 06:56:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
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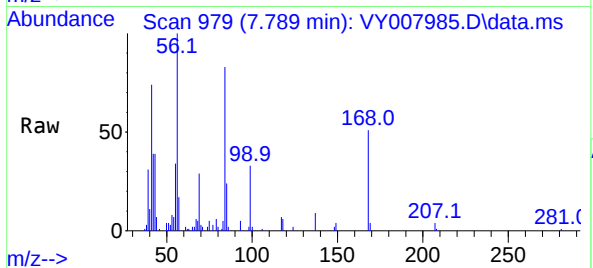
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

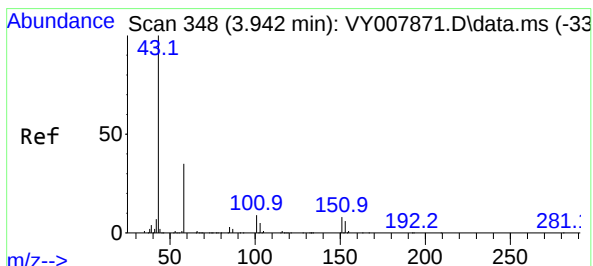
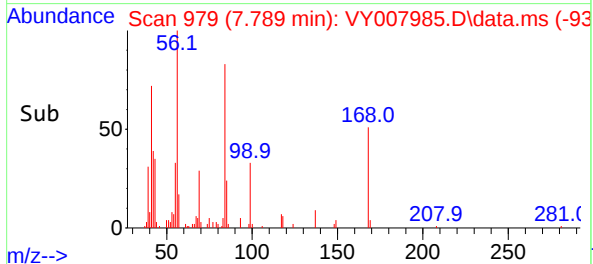
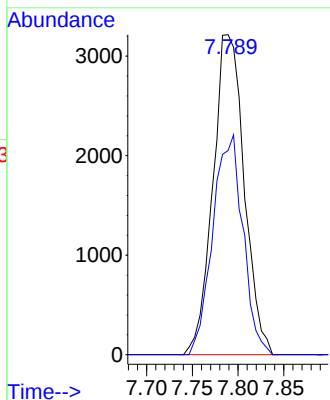
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALL



Tgt Ion:168 Resp: 7660
Ion Ratio Lower Upper
168 100
99 63.8 46.9 70.3

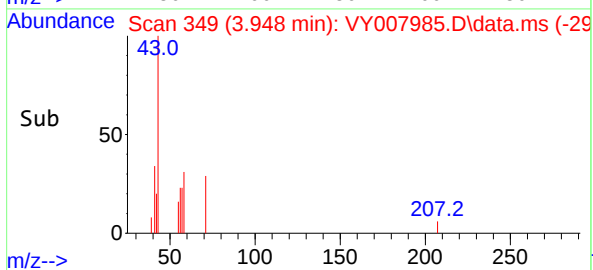
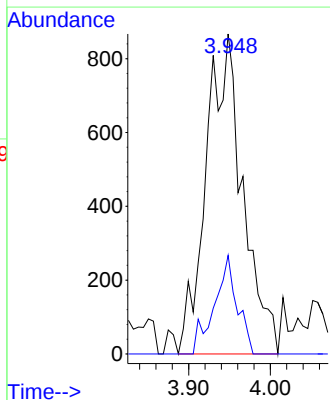
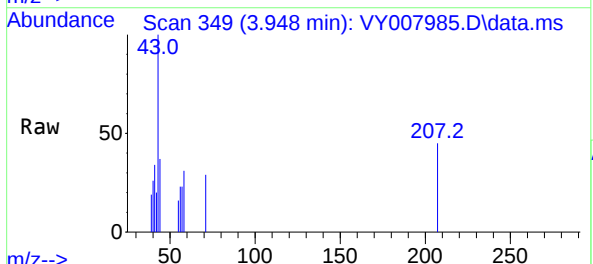
Manual Integrations
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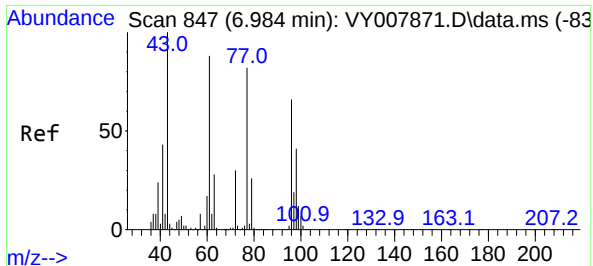
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 116.532 ug/l m
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

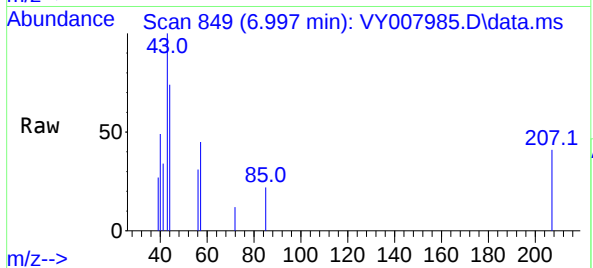
Tgt Ion: 43 Resp: 2700
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0





#25
2-Butanone
Concen: 54.699 ug/l
RT: 6.997 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

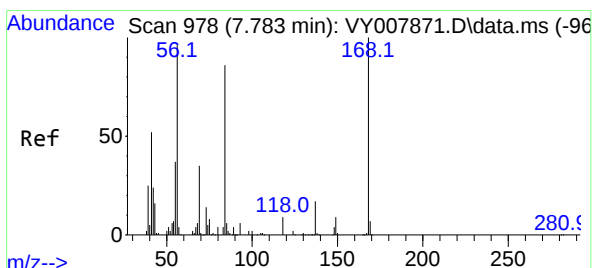
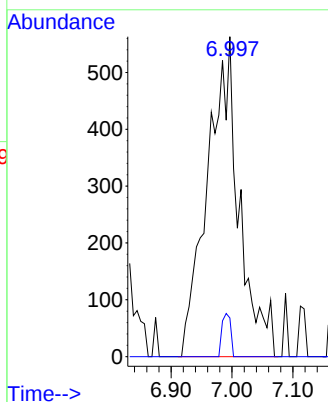
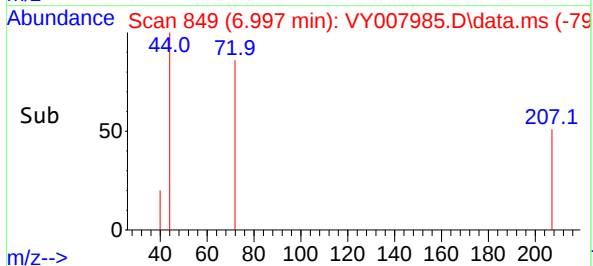
Instrument :
MSVOA_Y
ClientSampleId :
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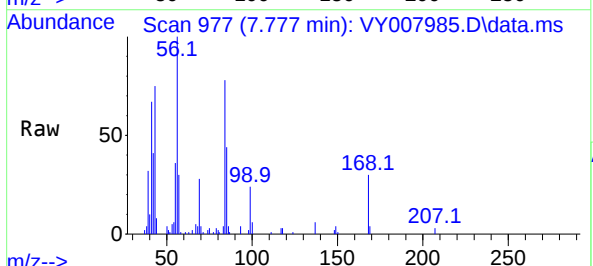
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Ion Ratio Lower Upper
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72 12.1 17.7 26.5

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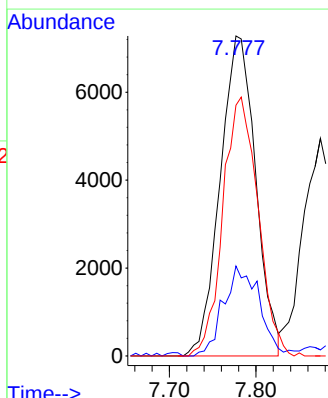
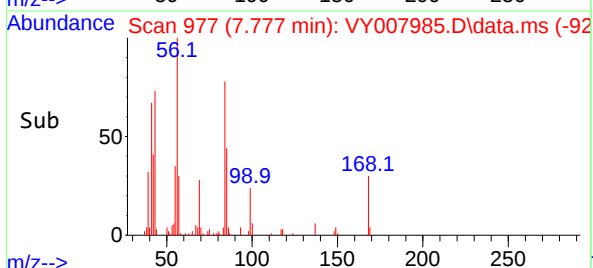
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

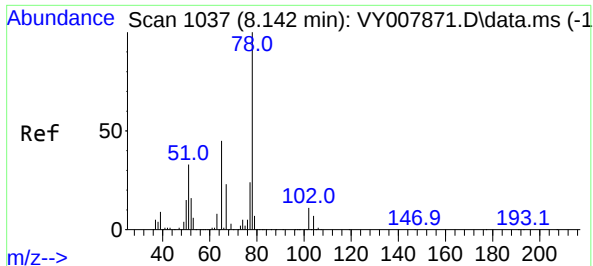


#31
Cyclohexane
Concen: 175.347 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37



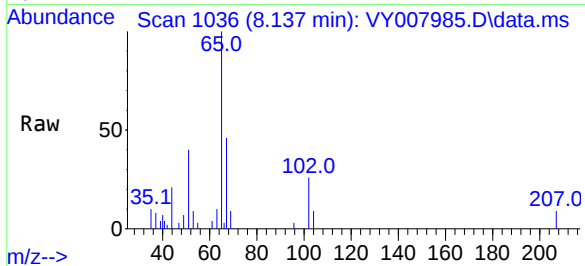
Tgt Ion: 56 Resp: 20739
Ion Ratio Lower Upper
56 100
69 27.1 26.7 40.1
84 78.3 67.2 100.8





#33
1,2-Dichloroethane-d4
Concen: 66.981 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

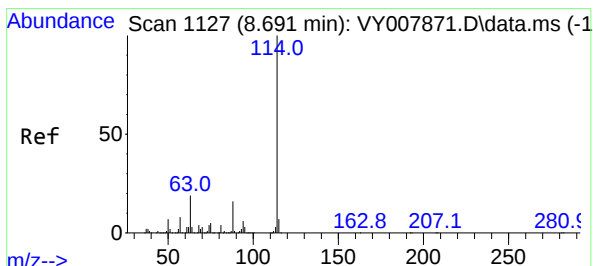
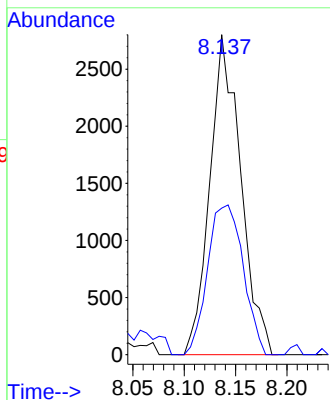
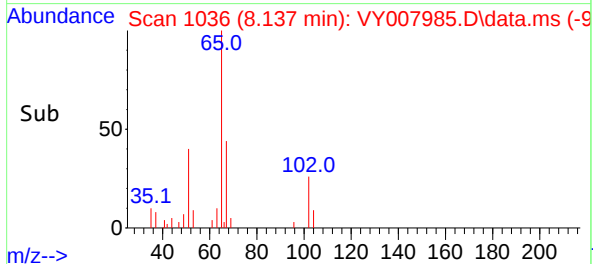
Instrument :
MSVOA_Y
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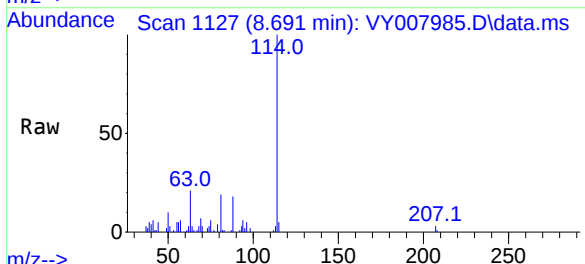
Tgt Ion: 65 Resp: 5850
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

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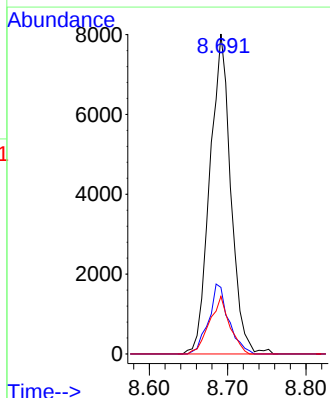
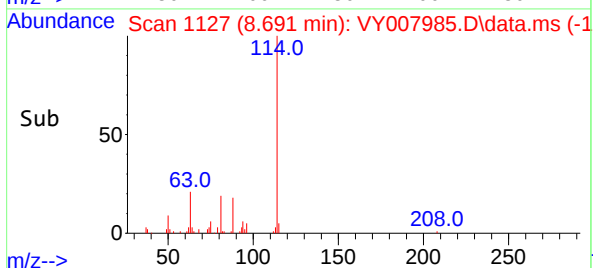
Reviewed By :John Carlone 03/22/2022
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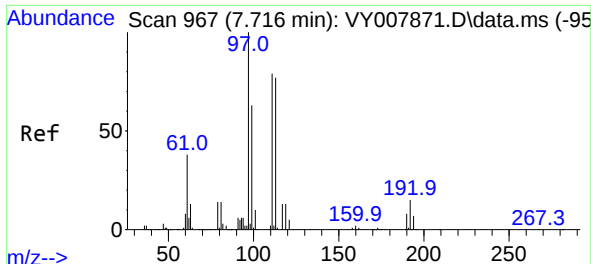


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37



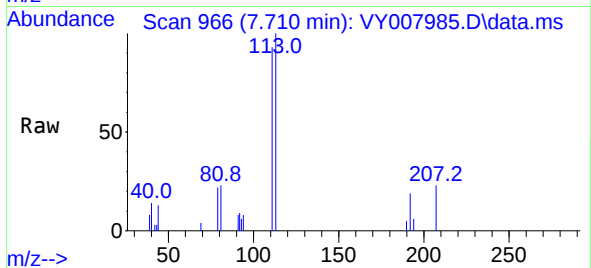
Tgt Ion:114 Resp: 14867
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 18.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.375 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

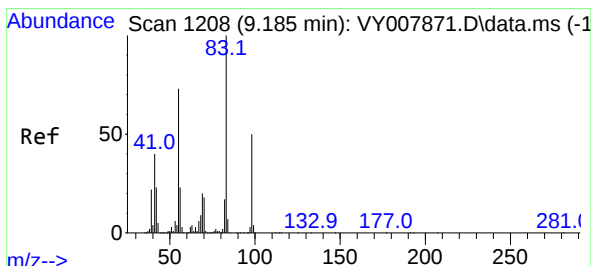
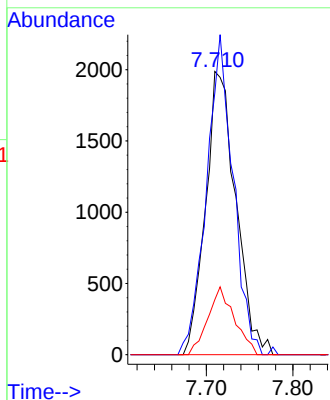
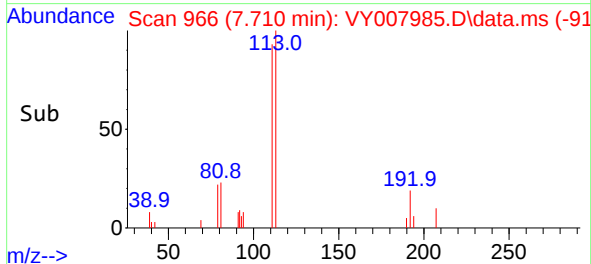
Instrument :
MSVOA_Y
ClientSampleId :
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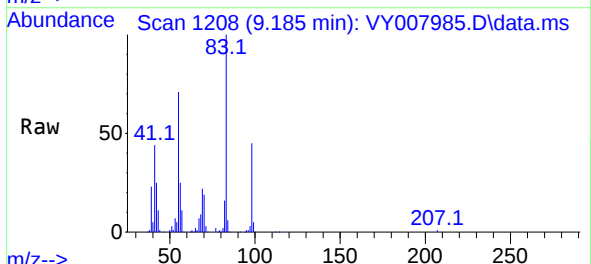
Tgt Ion: 113 Resp: 484
Ion Ratio Lower Upper
113 100
111 99.0 82.6 124.0
192 20.9 17.6 26.4

Manual Integrations
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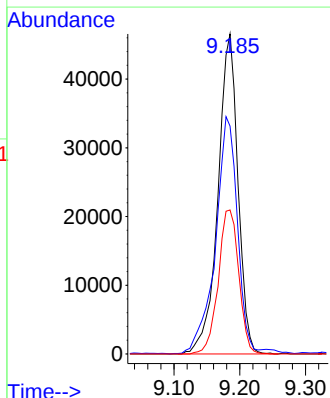
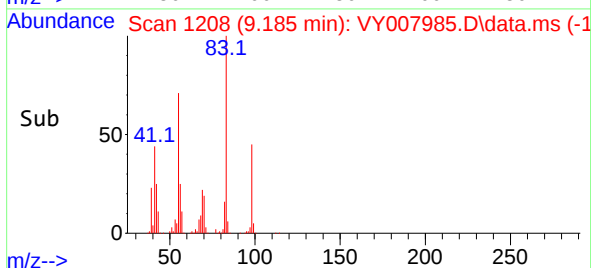
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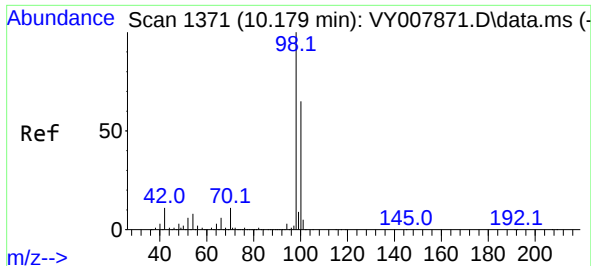


#39
Methylcyclohexane
Concen: 610.299 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37



Tgt Ion: 83 Resp: 98518
Ion Ratio Lower Upper
83 100
55 71.0 66.5 99.7
98 45.0 37.9 56.9





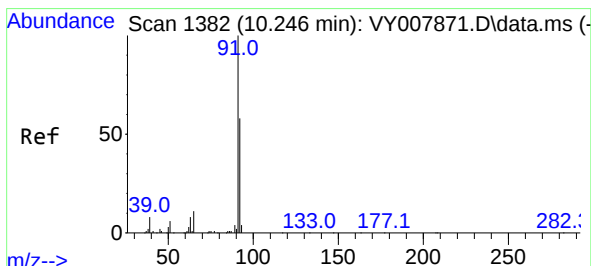
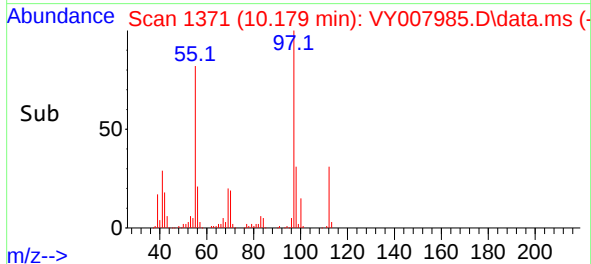
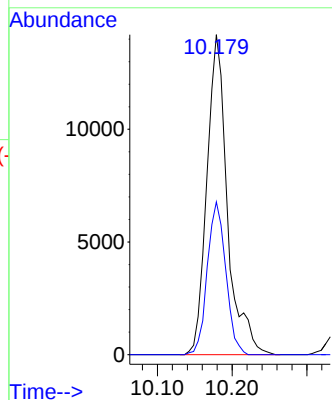
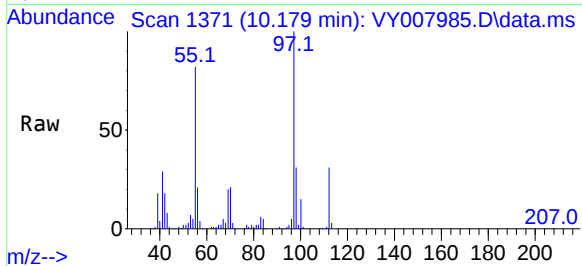
#50
Toluene-d8
Concen: 90.641 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALL

Tgt Ion: 98 Resp: 2710
Ion Ratio Lower Upper
98 100
100 42.8 50.2 75.2

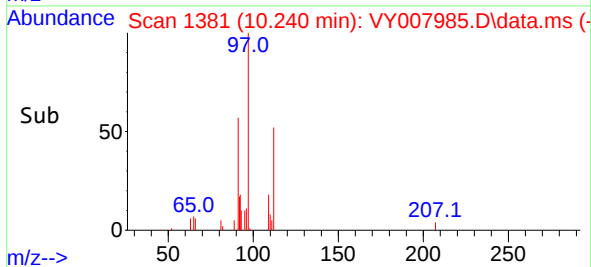
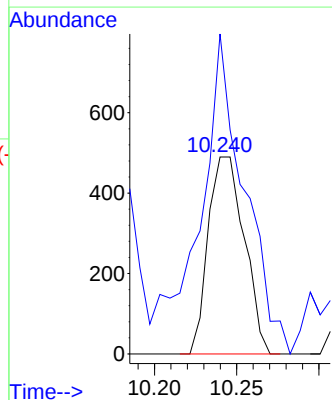
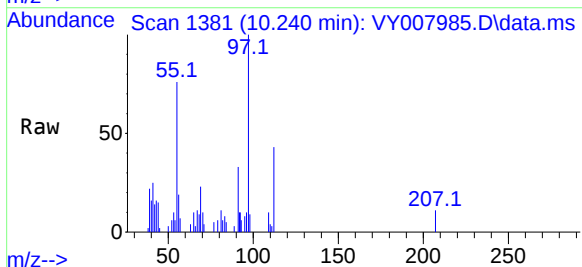
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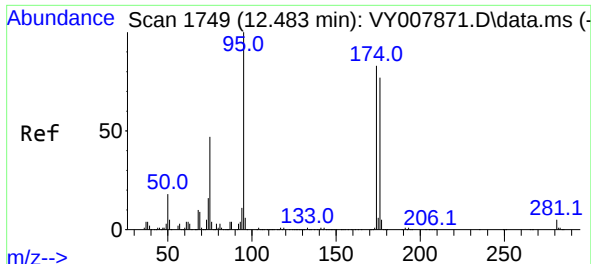
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 2.577 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

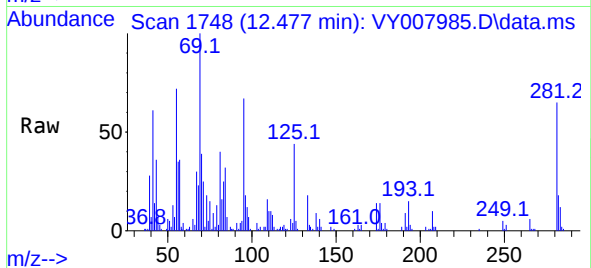
Tgt Ion: 92 Resp: 749
Ion Ratio Lower Upper
92 100
91 185.8 142.6 213.8





#62
4-Bromofluorobenzene
Concen: 77.365 ug/l
RT: 12.477 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

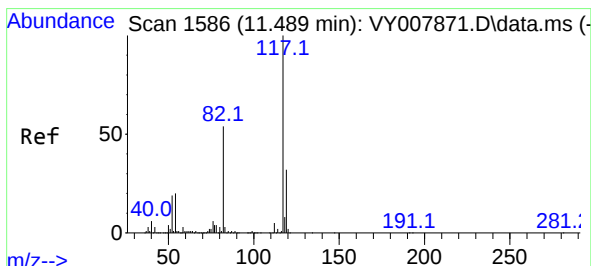
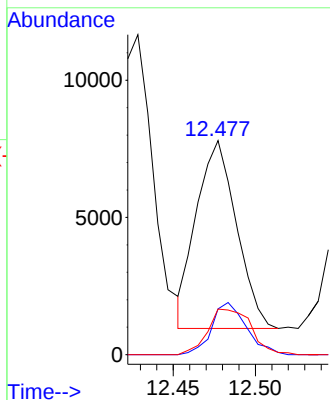
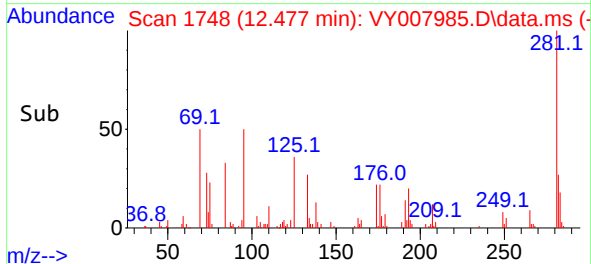
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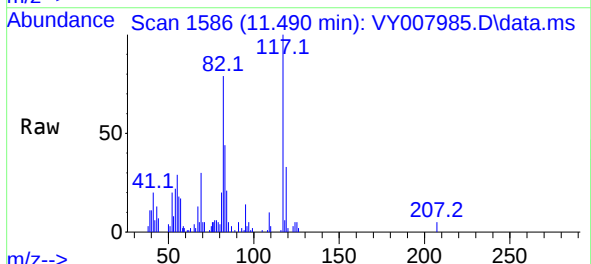
Tgt Ion: 95 Resp: 1159
Ion Ratio Lower Upper
95 100
174 24.0 0.0 177.0
176 26.3 0.0 175.8

Manual Integrations
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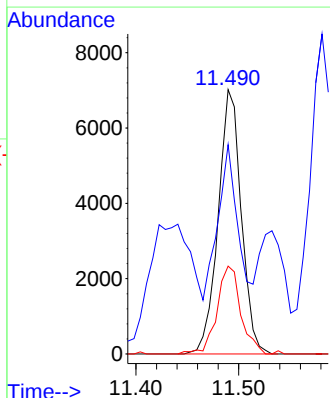
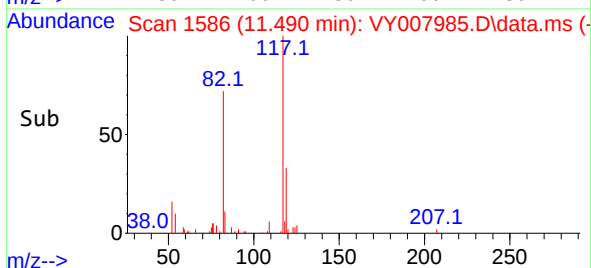
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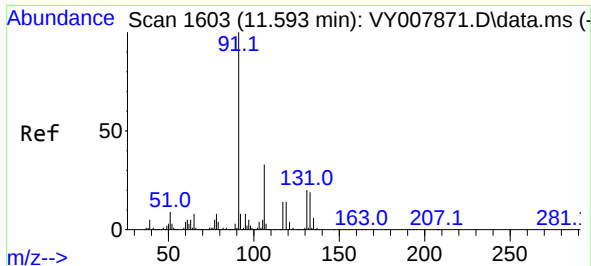


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37



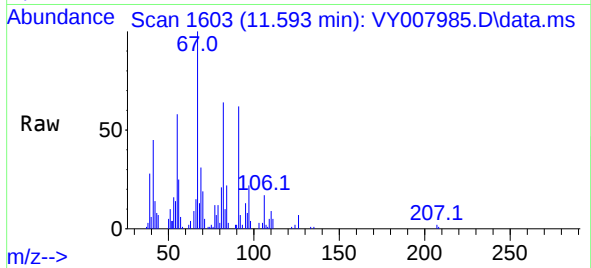
Tgt Ion:117 Resp: 10954
Ion Ratio Lower Upper
117 100
82 38.0 43.0 64.4#
119 33.3 25.4 38.0





#67
Ethyl Benzene
Concen: 16.863 ug/l
RT: 11.593 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

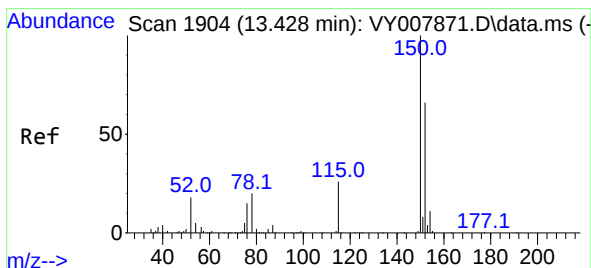
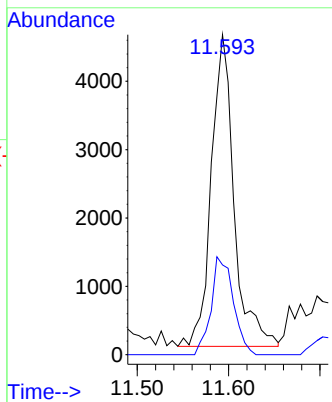
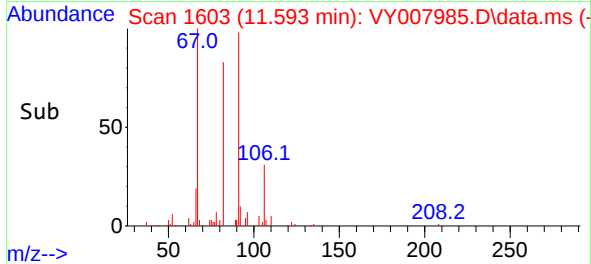
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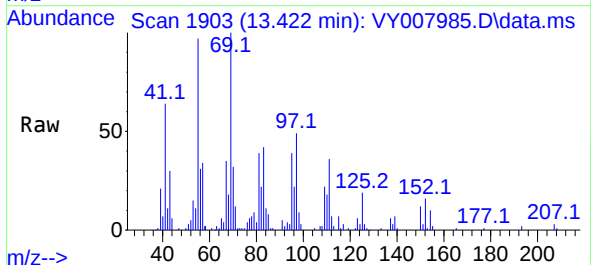
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Ion Ratio Lower Upper
91 100
106 28.8 24.5 36.7

Manual Integrations
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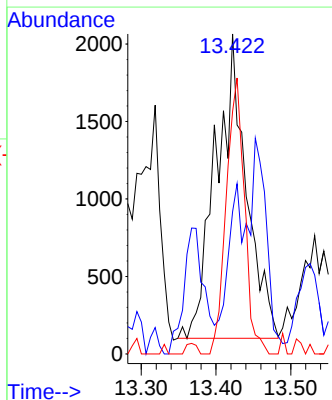
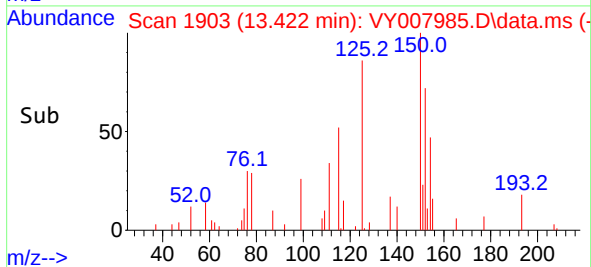
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

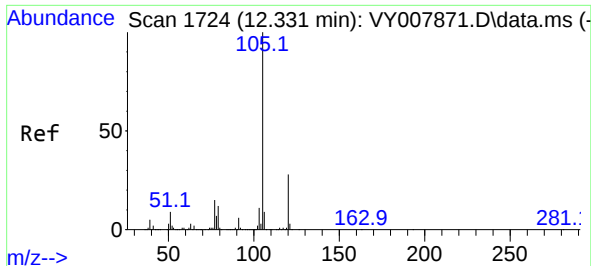


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37



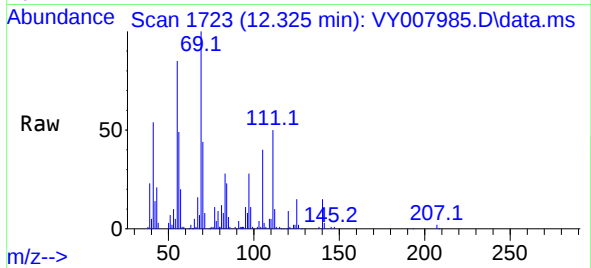
Tgt Ion:152 Resp: 5576
Ion Ratio Lower Upper
152 100
115 21.9 28.2 84.7#
150 54.5 0.0 347.6





#73
Isopropylbenzene
Concen: 27.972 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

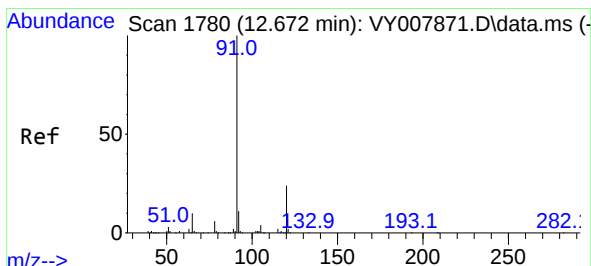
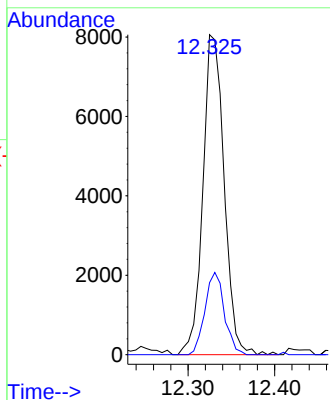
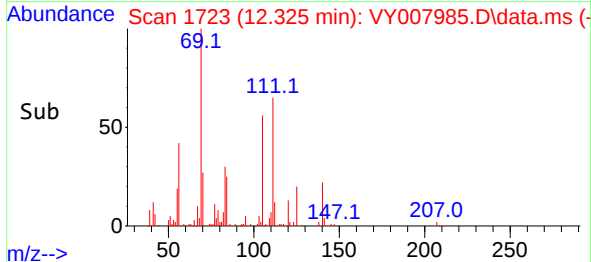
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALL



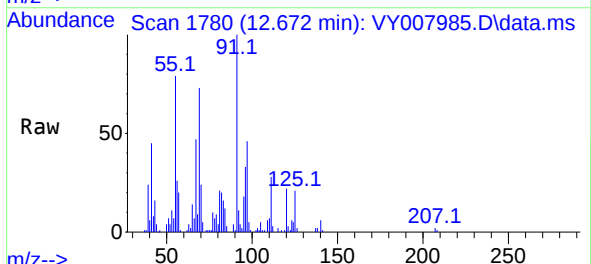
Tgt Ion:105 Resp: 13729
Ion Ratio Lower Upper
105 100
120 23.5 13.4 40.2

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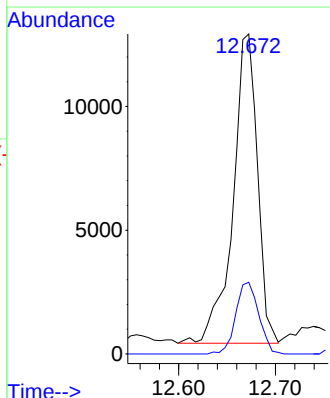
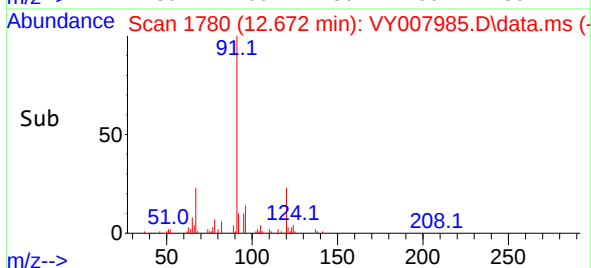
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

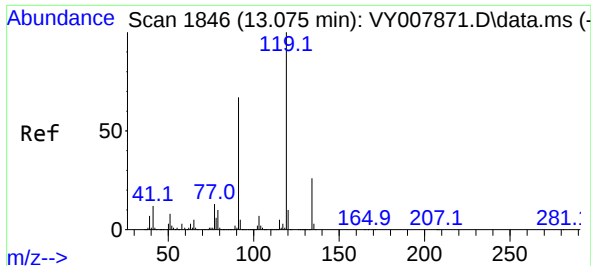


#78
n-propylbenzene
Concen: 36.987 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37



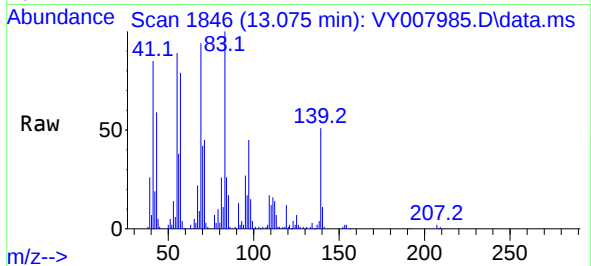
Tgt Ion: 91 Resp: 21921
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9





#83
tert-Butylbenzene
Concen: 7.005 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

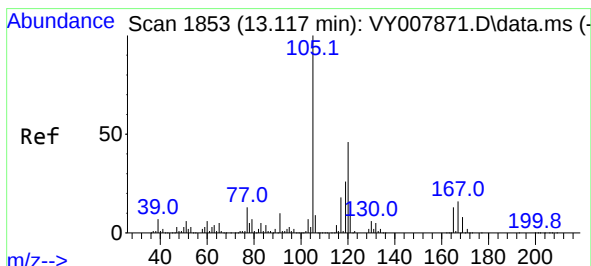
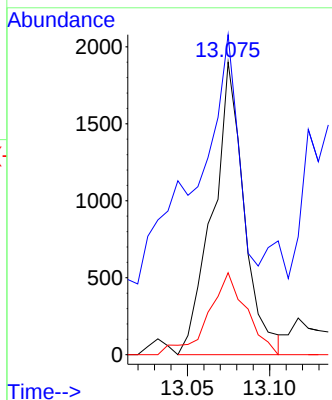
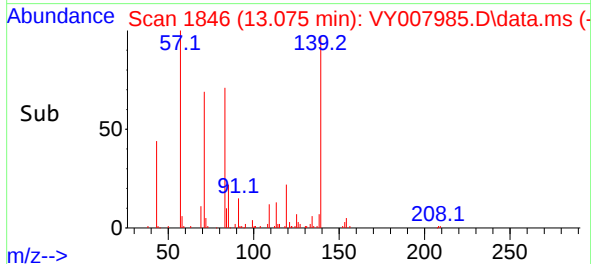
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALL



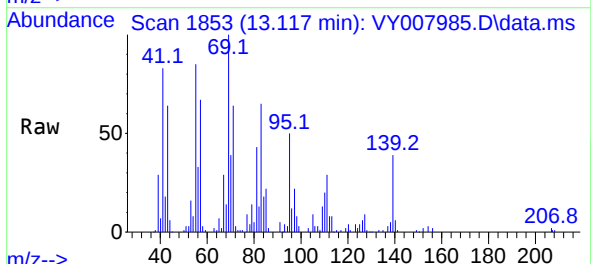
Tgt Ion:119 Resp: 2530
Ion Ratio Lower Upper
119 100
91 122.8 34.8 104.4
134 33.9 13.3 39.9

Manual Integrations
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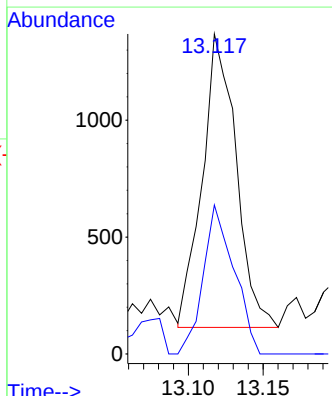
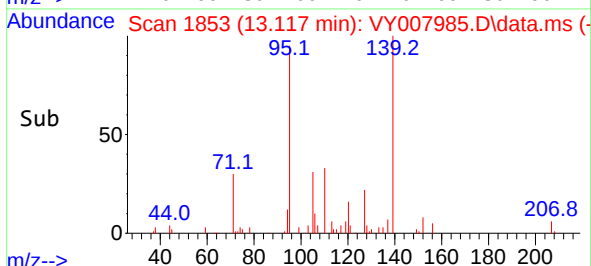
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

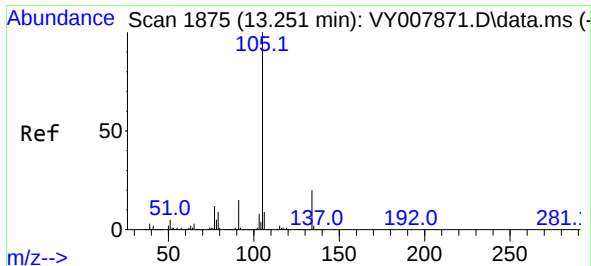


#84
1,2,4-Trimethylbenzene
Concen: 4.999 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37



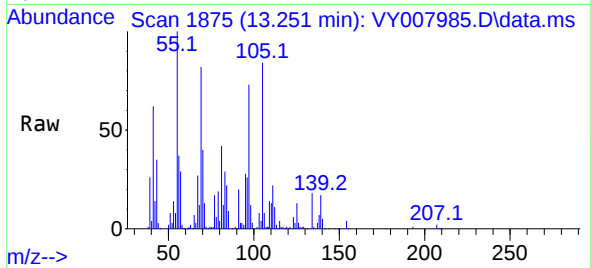
Tgt Ion:105 Resp: 1978
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85
sec-Butylbenzene
Concen: 56.229 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

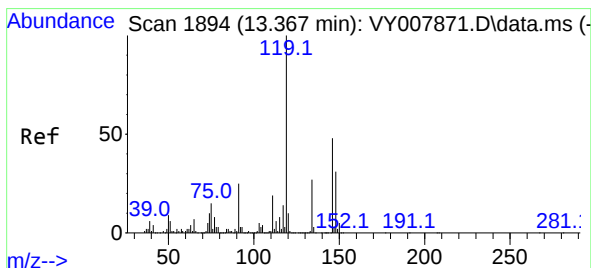
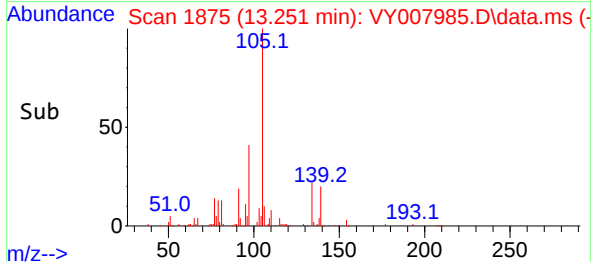
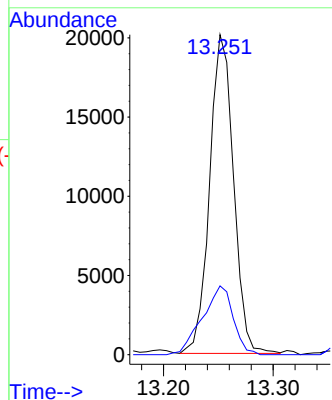
Instrument :
MSVOA_Y
ClientSampleId :
UST-7-WEST-SIDEWALL



Tgt Ion:105 Resp: 3043
Ion Ratio Lower Upper
105 100
134 27.8 10.2 30.4

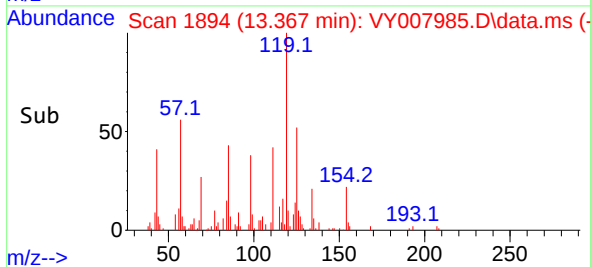
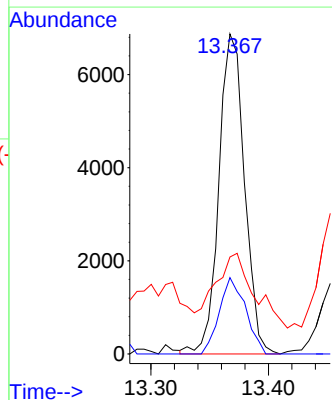
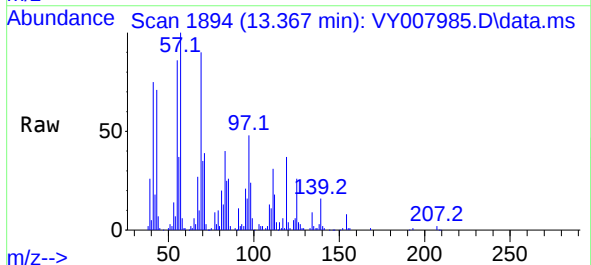
Manual Integrations
APPROVED

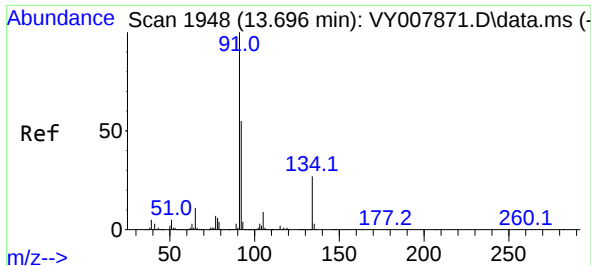
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#86
p-Isopropyltoluene
Concen: 23.691 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007985.D
Acq: 22 Mar 2022 04:37

Tgt Ion:119 Resp: 10411
Ion Ratio Lower Upper
119 100
134 24.5 13.2 39.5
91 35.4 12.4 37.2





#89

n-Butylbenzene

Concen: 52.100 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007985.D

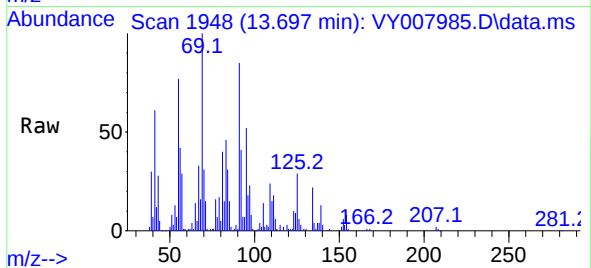
Acq: 22 Mar 2022 04:37

Instrument :

MSVOA_Y

ClientSampleId :

UST-7-WEST-SIDEWALL



Tgt Ion: 91	Resp: 2197
Ion Ratio	Lower Upper
91	100
92	46.1 26.3 78.9
134	0.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022

