

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046769.D
 Acq On : 17 Jan 2022 17:04
 Operator : SY/MD
 Sample : N1155-02ME
 Misc : 6.08g/5.0mL/100uL/5.0mL//MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLT5ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 18 02:18:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	264330	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	260236	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	129637	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	71568m	31.027	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.060%		
7) Chloroethane-d5	1.919	69	45667m	26.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	53.300%#		
11) 1,1-Dichloroethene-d2	2.543	63	70703	18.022	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	36.040%#		
21) 2-Butanone-d5	4.661	46	101013	59.835	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	59.840%		
24) Chloroform-d	5.070	84	131891	32.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.880%#		
26) 1,2-Dichloroethane-d4	5.710	65	88894	34.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.940%#		
32) Benzene-d6	5.726	84	273101	33.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.260%#		
36) 1,2-Dichloropropane-d6	6.694	67	85318	34.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	68.860%#		
41) Toluene-d8	7.902	98	266294	36.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.360%#		
43) trans-1,3-Dichloroprop...	8.185	79	43902	36.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.540%		
47) 2-Hexanone-d5	8.700	63	96224	73.095	ug/L	0.06
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.090%		
56) 1,1,2,2-Tetrachloroeth...	10.777	84	129427	33.724	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	67.440%		
66) 1,2-Dichlorobenzene-d4	12.205	152	104569	38.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.960%#		
Target Compounds						Qvalue
13) Acetone	2.658	43	6968m	4.337	ug/L	
22) 2-Butanone	4.745	43	19358m	10.569	ug/L	
29) Cyclohexane	5.375	56	6026	2.178	ug/L	86
33) Benzene	5.771	78	60414	7.805	ug/L	100
35) Methylcyclohexane	6.761	83	12296	3.900	ug/L	94
42) Toluene	7.973	91	104664	12.821	ug/L	96
52) Ethylbenzene	9.578	91	487779	56.321	ug/L	99
53) m,p-Xylene	9.703	106	446482	133.483	ug/L	97
54) o-xylene	10.111	106	228424	71.416	ug/L	99
61) Isopropylbenzene	10.497	105	105979	13.383	ug/L	97
62) 1,3,5-Trimethylbenzene	11.102	105	490454	73.678	ug/L	100
63) 1,2,4-Trimethylbenzene	11.481	105	1461711	220.380	ug/L	99
67) 1,2-Dichlorobenzene	12.224	146	44980	11.275	ug/L #	91
70) 1,2,4-trichlorobenzene	13.844	180	58105	22.359	ug/L #	88

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

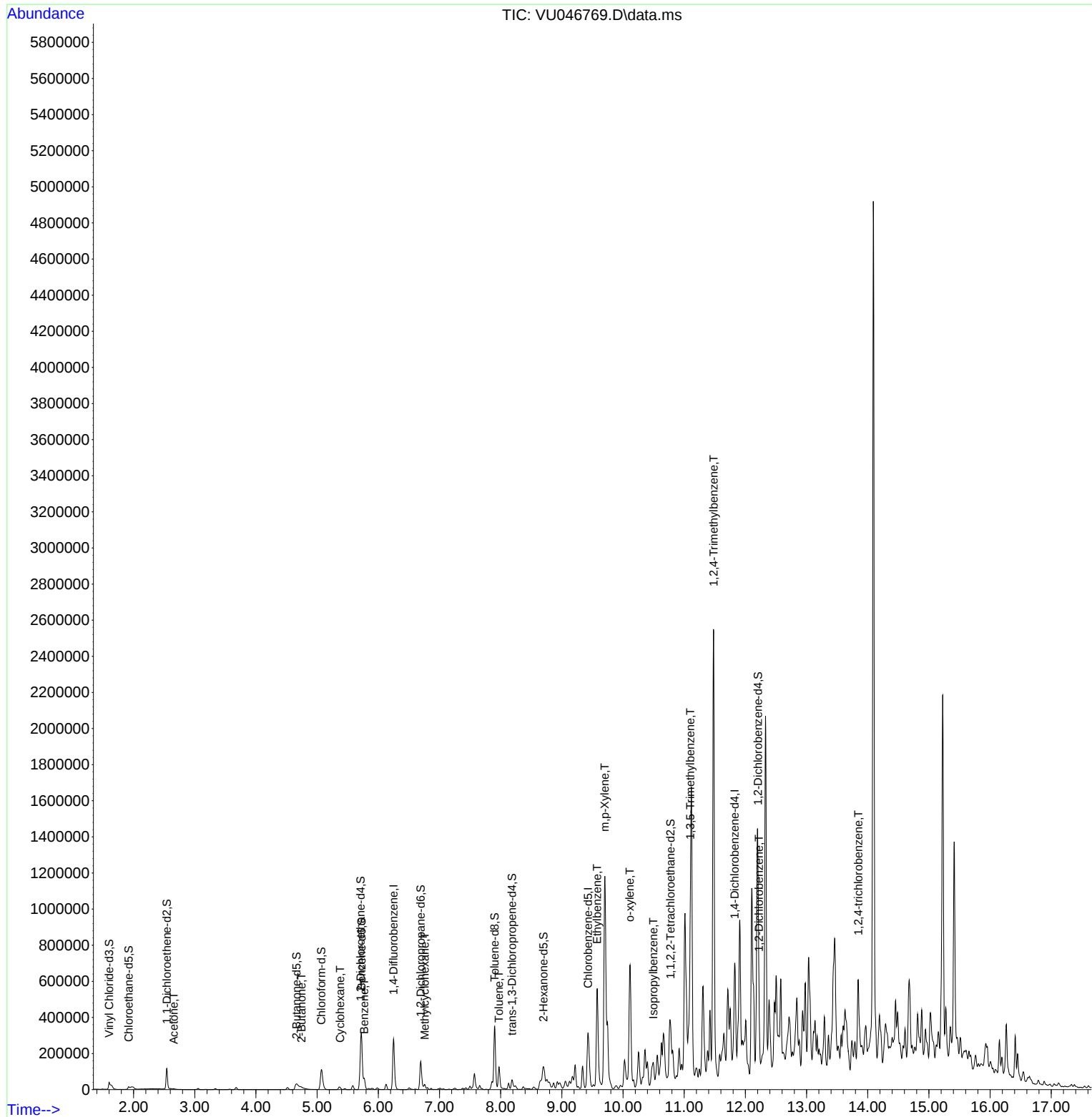
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
Data File : VU046769.D
Acq On : 17 Jan 2022 17:04
Operator : SY/MD
Sample : N1155-02ME
Misc : 6.08g/5.0mL/100uL/5.0mL//MSVOA_U/MEOH
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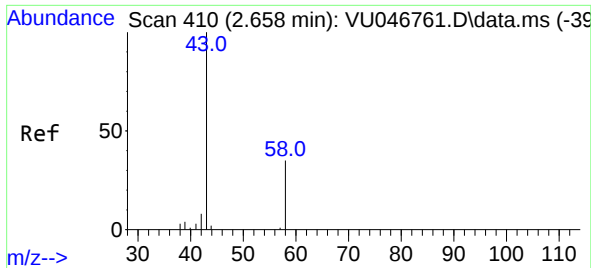
Instrument :
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ClientSampleId :
BGLT5ME

Quant Time: Jan 18 02:18:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 18 02:15:56 2022
Response via : Initial Calibration

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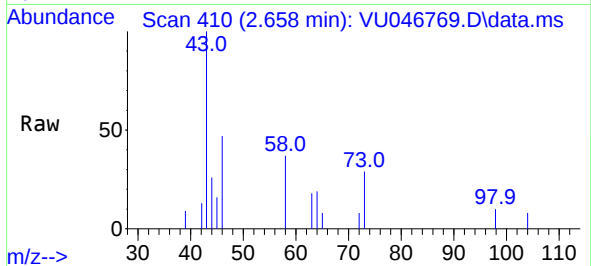
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022





#13
Acetone
Concen: 4.337 ug/L m
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04

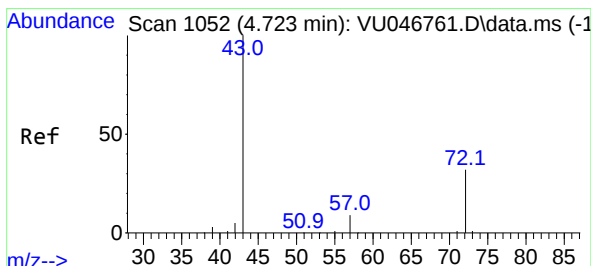
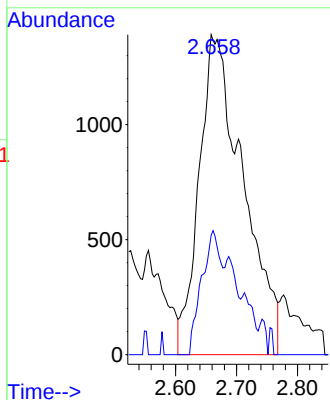
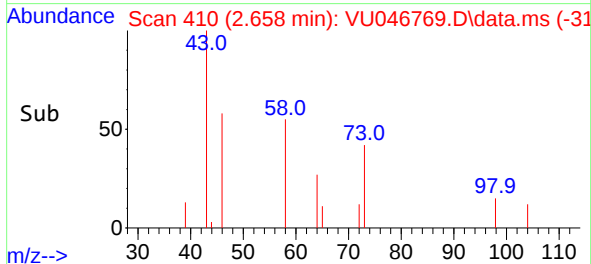
Instrument :
MSVOA_U
ClientSampleId :
BGLT5ME



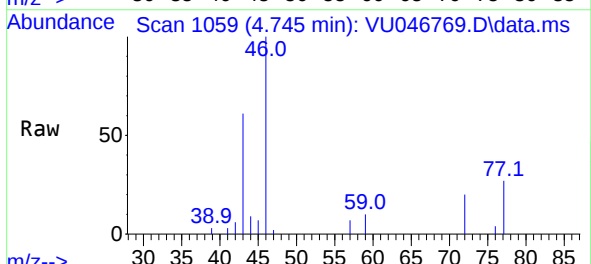
Tgt Ion: 43 Resp: 6968
Ion Ratio Lower Upper
43 100
58 16.8 0.0 71.0

Manual Integrations
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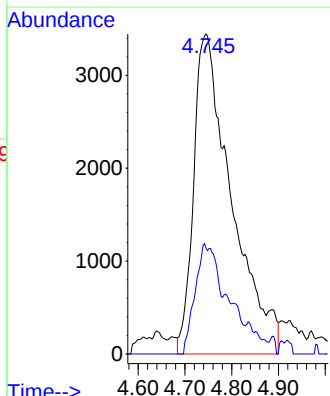
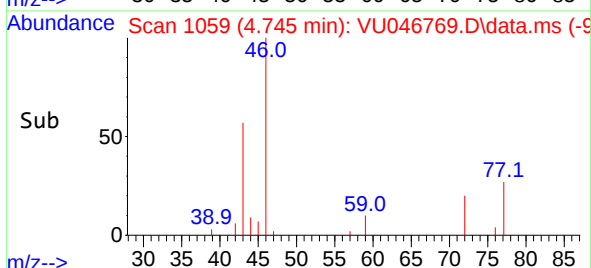
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

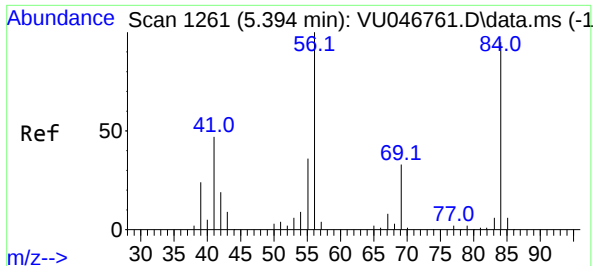


#22
2-Butanone
Concen: 10.569 ug/L m
RT: 4.745 min Scan# 1059
Delta R.T. 0.023 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04



Tgt Ion: 43 Resp: 19358
Ion Ratio Lower Upper
43 100
72 11.5 15.6 46.8#





#29

Cyclohexane

Concen: 2.178 ug/L

RT: 5.375 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU046769.D

Acq: 17 Jan 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

BGLT5ME

Tgt Ion: 56 Resp: 6020

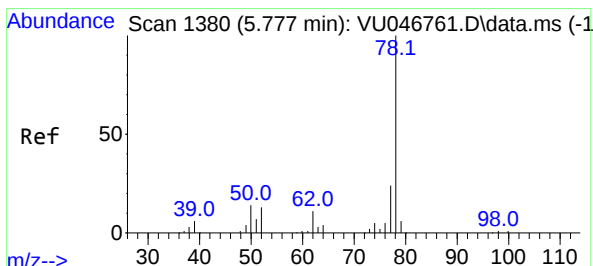
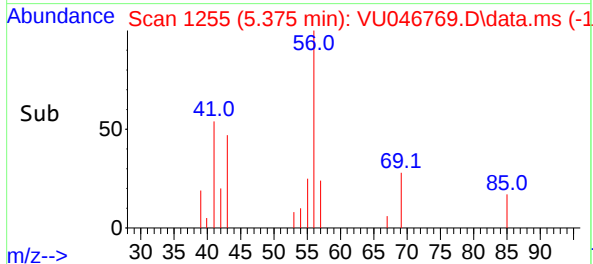
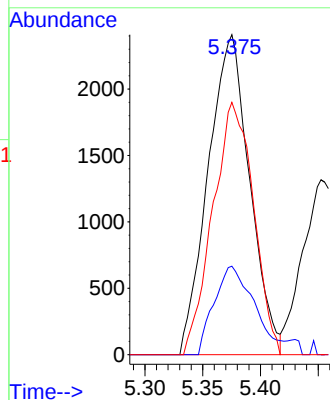
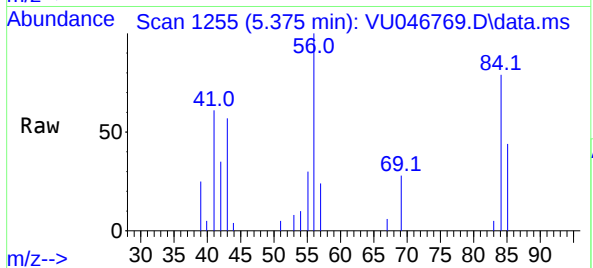
Ion	Ratio	Lower	Upper
56	100		
69	26.9	25.8	38.6
84	77.2	74.2	111.2

Manual Integrations

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#33

Benzene

Concen: 7.805 ug/L

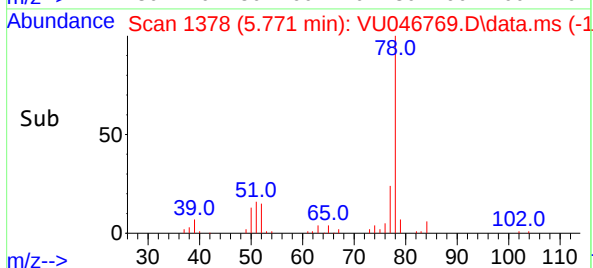
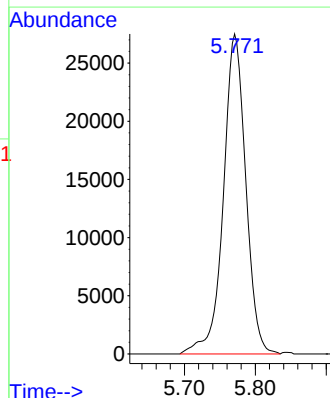
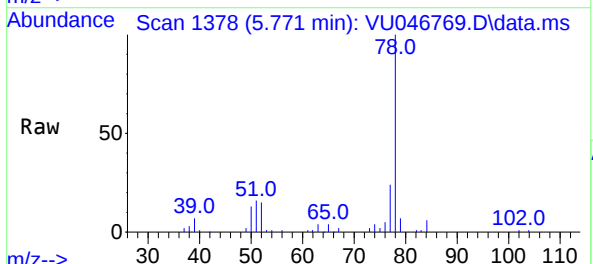
RT: 5.771 min Scan# 1378

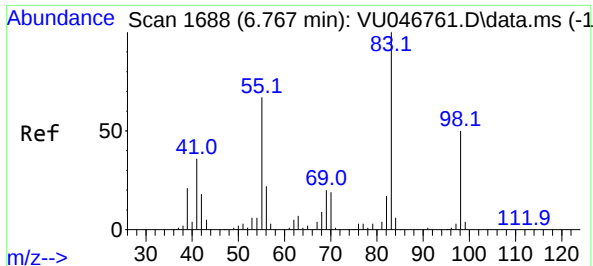
Delta R.T. -0.006 min

Lab File: VU046769.D

Acq: 17 Jan 2022 17:04

Tgt Ion: 78 Resp: 60414





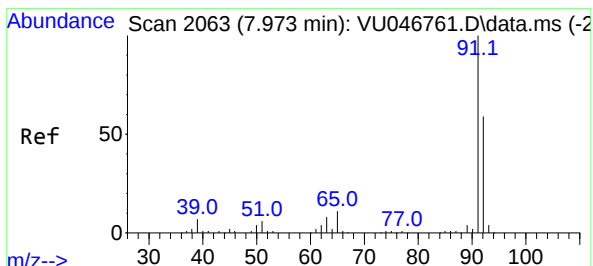
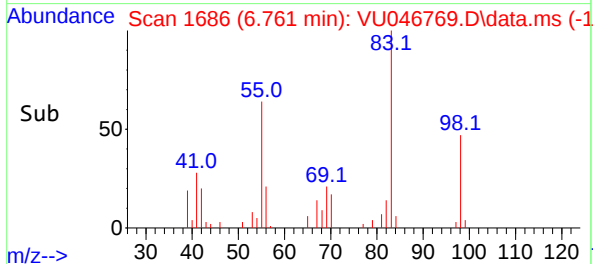
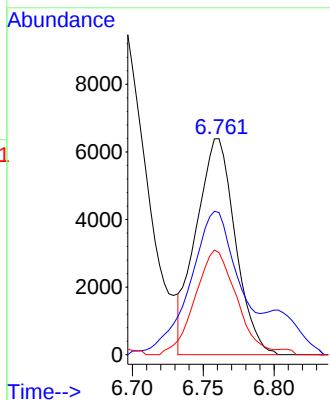
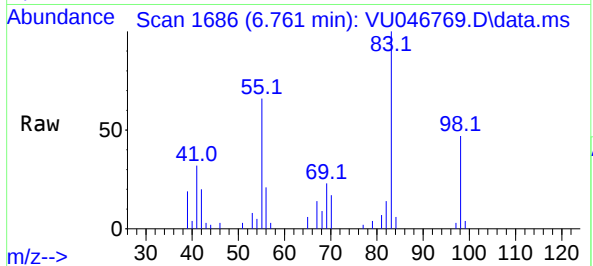
#35
Methylcyclohexane
Concen: 3.900 ug/L
RT: 6.761 min Scan# 10
Delta R.T. -0.006 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :
BGLT5ME

Tgt Ion: 83 Resp: 12290
Ion Ratio Lower Upper
83 100
55 77.0 56.6 85.0
98 51.0 38.4 57.6

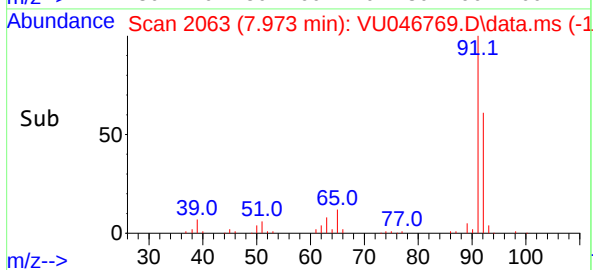
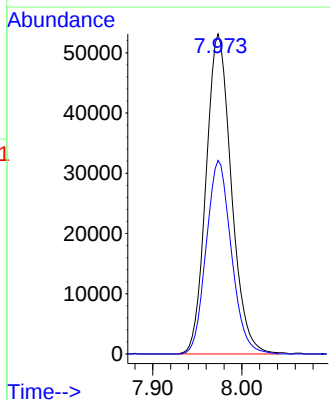
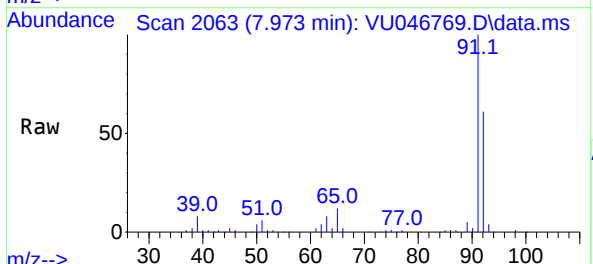
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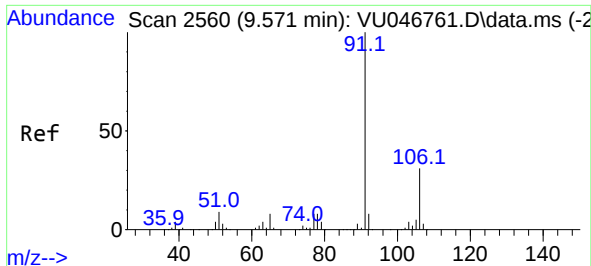
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#42
Toluene
Concen: 12.821 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04

Tgt Ion: 91 Resp: 104664
Ion Ratio Lower Upper
91 100
92 60.5 40.4 75.0





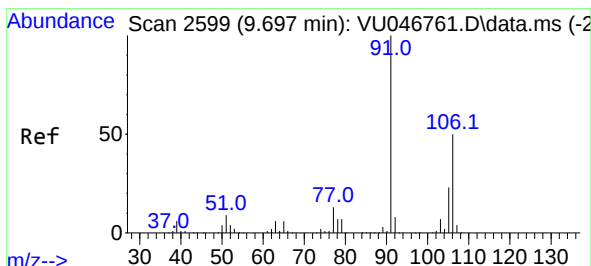
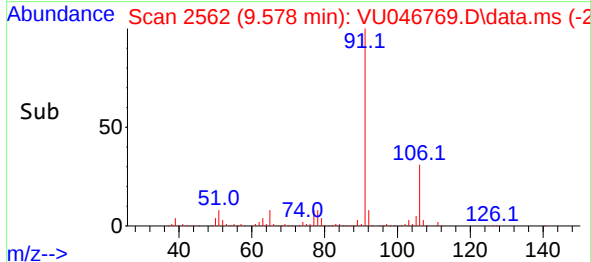
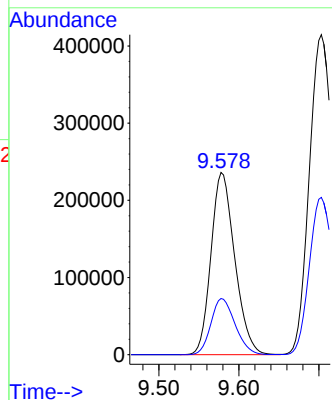
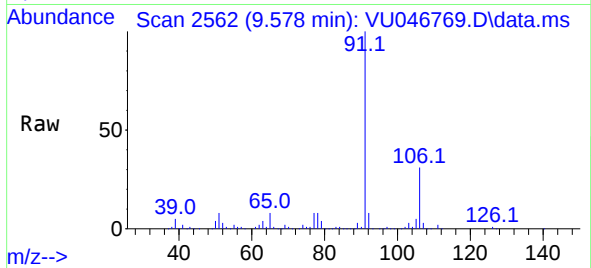
#52
Ethylbenzene
Concen: 56.321 ug/L
RT: 9.578 min Scan# 2560
Delta R.T. 0.006 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :
BGLT5ME

Tgt Ion: 91 Resp: 487779
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4

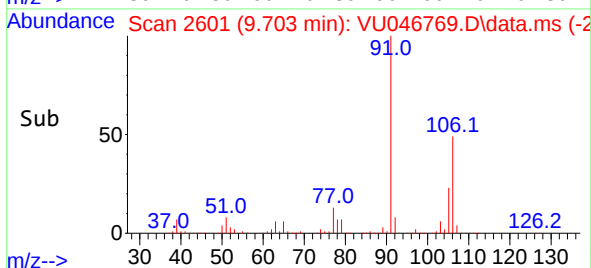
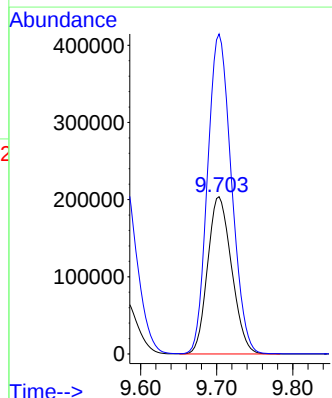
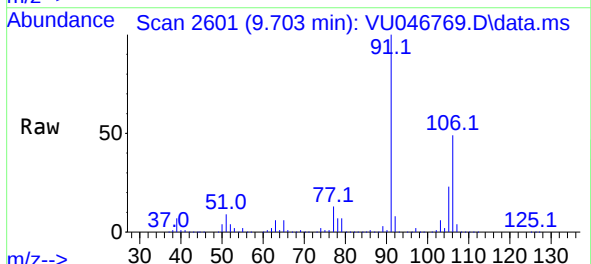
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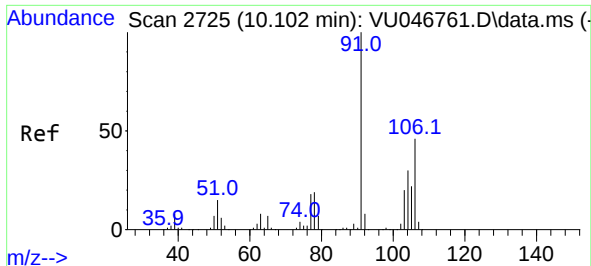
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#53
m,p-Xylene
Concen: 133.483 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.006 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04

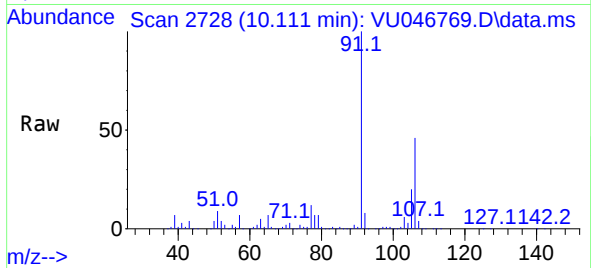
Tgt Ion:106 Resp: 446482
Ion Ratio Lower Upper
106 100
91 203.5 145.5 270.1





#54
o-xylene
Concen: 71.416 ug/L
RT: 10.111 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04

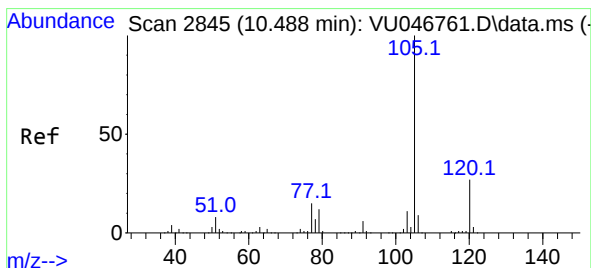
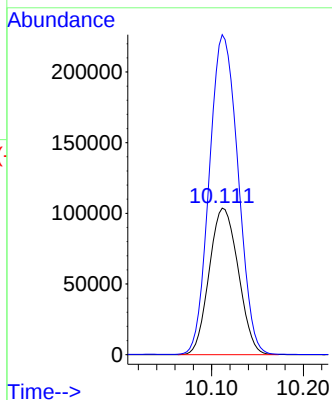
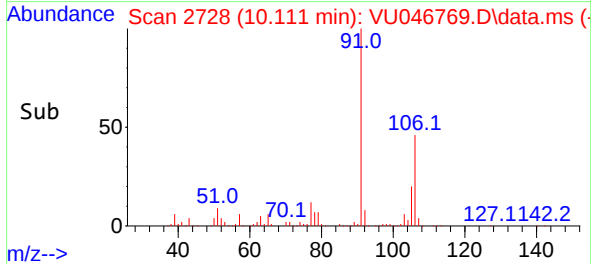
Instrument :
MSVOA_U
ClientSampleId :
BGLT5ME



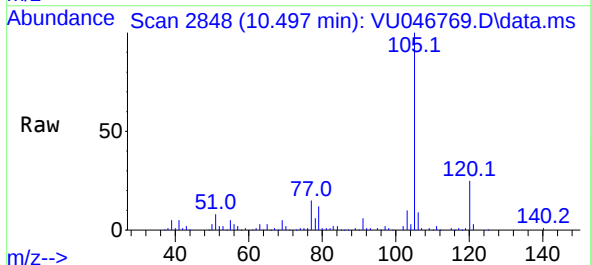
Tgt Ion:106 Resp: 228424
Ion Ratio Lower Upper
106 100
91 218.3 152.0 282.2

Manual Integrations
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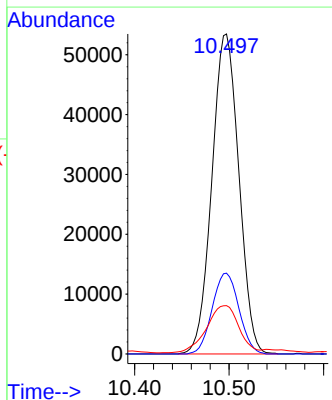
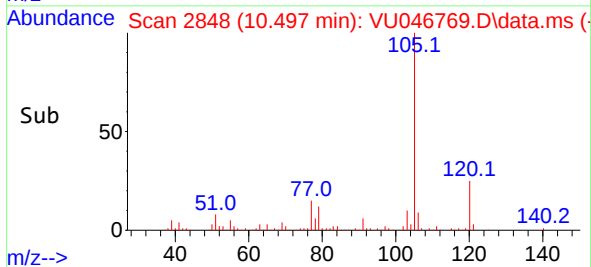
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

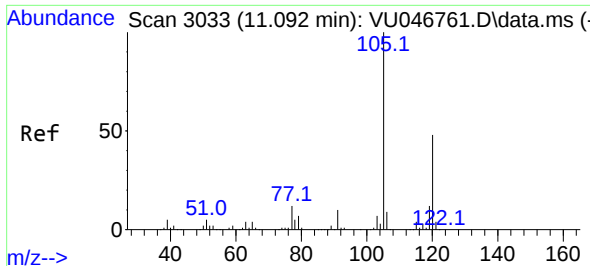


#61
Isopropylbenzene
Concen: 13.383 ug/L
RT: 10.497 min Scan# 2848
Delta R.T. 0.010 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04



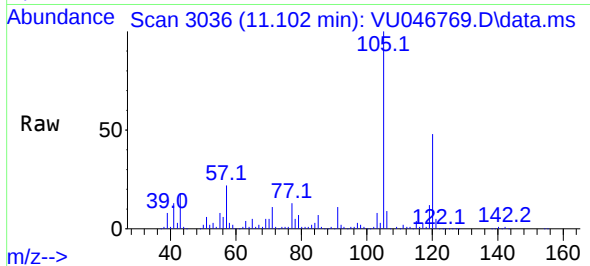
Tgt Ion:105 Resp: 105979
Ion Ratio Lower Upper
105 100
120 25.0 20.6 31.0
77 17.7 12.6 18.8





#62
1,3,5-Trimethylbenzene
Concen: 73.678 ug/L
RT: 11.102 min Scan# 3033
Delta R.T. 0.010 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04

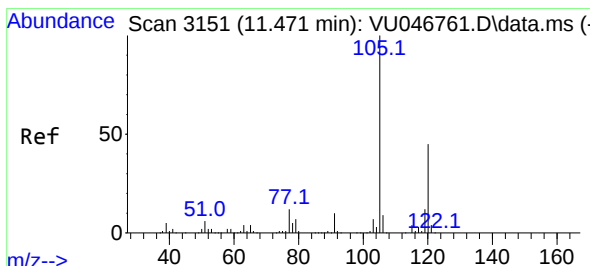
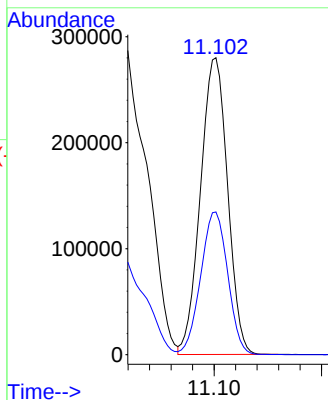
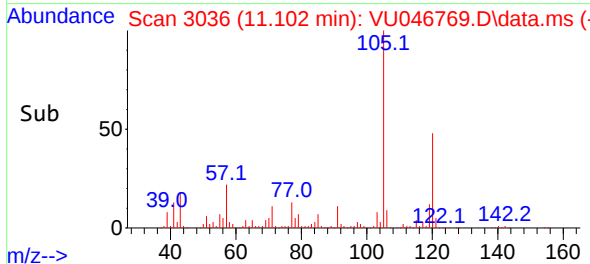
Instrument :
MSVOA_U
ClientSampleId :
BGLT5ME



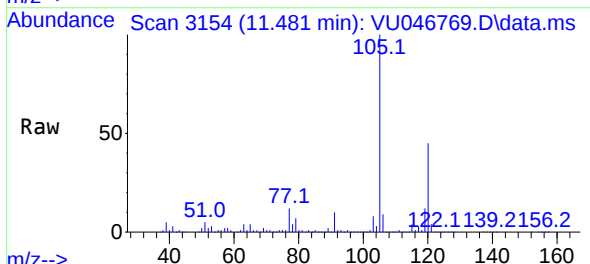
Tgt Ion:105 Resp: 490454
Ion Ratio Lower Upper
105 100
120 48.0 38.4 57.6

Manual Integrations
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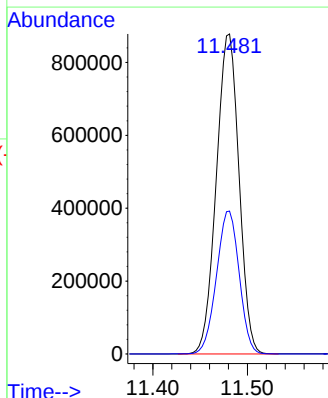
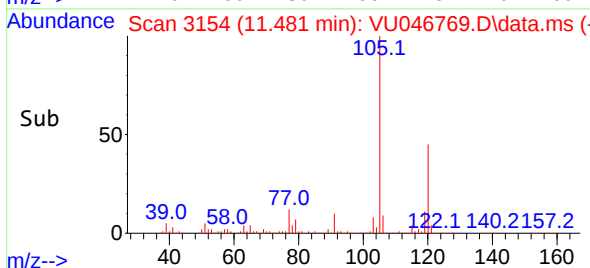
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

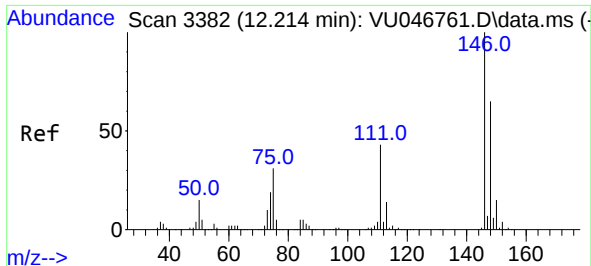


#63
1,2,4-Trimethylbenzene
Concen: 220.380 ug/L
RT: 11.481 min Scan# 3154
Delta R.T. 0.010 min
Lab File: VU046769.D
Acq: 17 Jan 2022 17:04



Tgt Ion:105 Resp: 1461711
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.2





#67

1,2-Dichlorobenzene

Concen: 11.275 ug/L

RT: 12.224 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU046769.D

Acq: 17 Jan 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

BGLT5ME

Tgt Ion:146 Resp: 44980

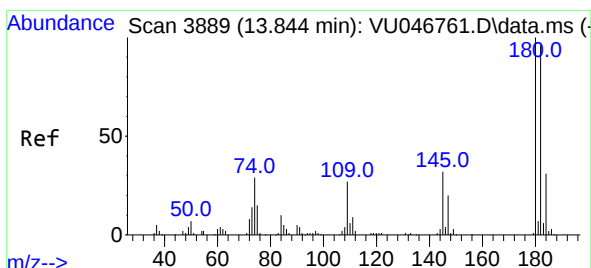
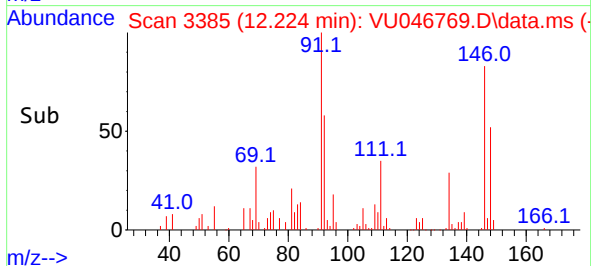
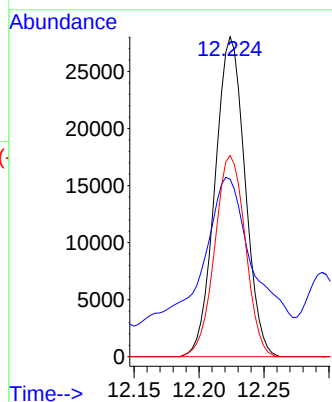
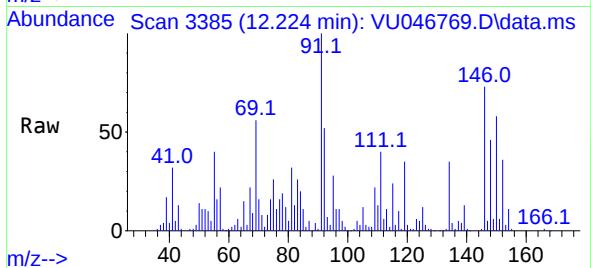
Ion	Ratio	Lower	Upper
146	100		
111	55.5	34.2	51.4
148	62.8	51.3	76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/21/2022

Supervised By :Mahesh Dadoda 01/21/2022



#70

1,2,4-trichlorobenzene

Concen: 22.359 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.000 min

Lab File: VU046769.D

Acq: 17 Jan 2022 17:04

Tgt Ion:180 Resp: 58105

Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.6	114.8
145	54.8	25.2	37.8

