Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
Data File : VU055852.D
Acq On : 23 Oct 2023 13:51
Operator : MD/SY
Sample : 04947-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 23 23:18:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E45J5

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2023
Supervised By :Mahesh Dadoda 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	478052	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	477803	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	257638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	156401	36.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.940%			
7) Chloroethane-d5	1.891	69	145250	41.440	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.880%			
11) 1,1-Dichloroethene-d2	2.560	63	238793	31.233	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.460%			
21) 2-Butanone-d5	4.615	46	256862	80.843	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 80.840%			
24) Chloroform-d	5.055	84	370988	45.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.260%			
26) 1,2-Dichloroethane-d4	5.695	65	240844	47.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.200%			
32) Benzene-d6	5.721	84	730699	47.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.600%			
36) 1,2-Dichloropropane-d6	6.685	67	232982	48.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.280%			
41) Toluene-d8	7.894	98	640281	46.383	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.760%			
43) trans-1,3-Dichloroprop...	8.177	79	105582	45.415	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.820%			
47) 2-Hexanone-d5	8.631	63	134040	70.450	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 70.450%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	385577	51.759	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.520%			
66) 1,2-Dichlorobenzene-d4	12.190	152	278264	54.426	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.860%			
Target Compounds						Qvalue
13) Acetone	2.618	43	28225m	9.573	ug/L	
22) 2-Butanone	4.714	43	15689	4.415	ug/L	92
29) Cyclohexane	5.383	56	251257	45.878	ug/L	96
33) Benzene	5.772	78	23429	1.551	ug/L	100
35) Methylcyclohexane	6.756	83	306798	51.167	ug/L	91
61) Isopropylbenzene	10.483	105	76847	4.785	ug/L	98

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

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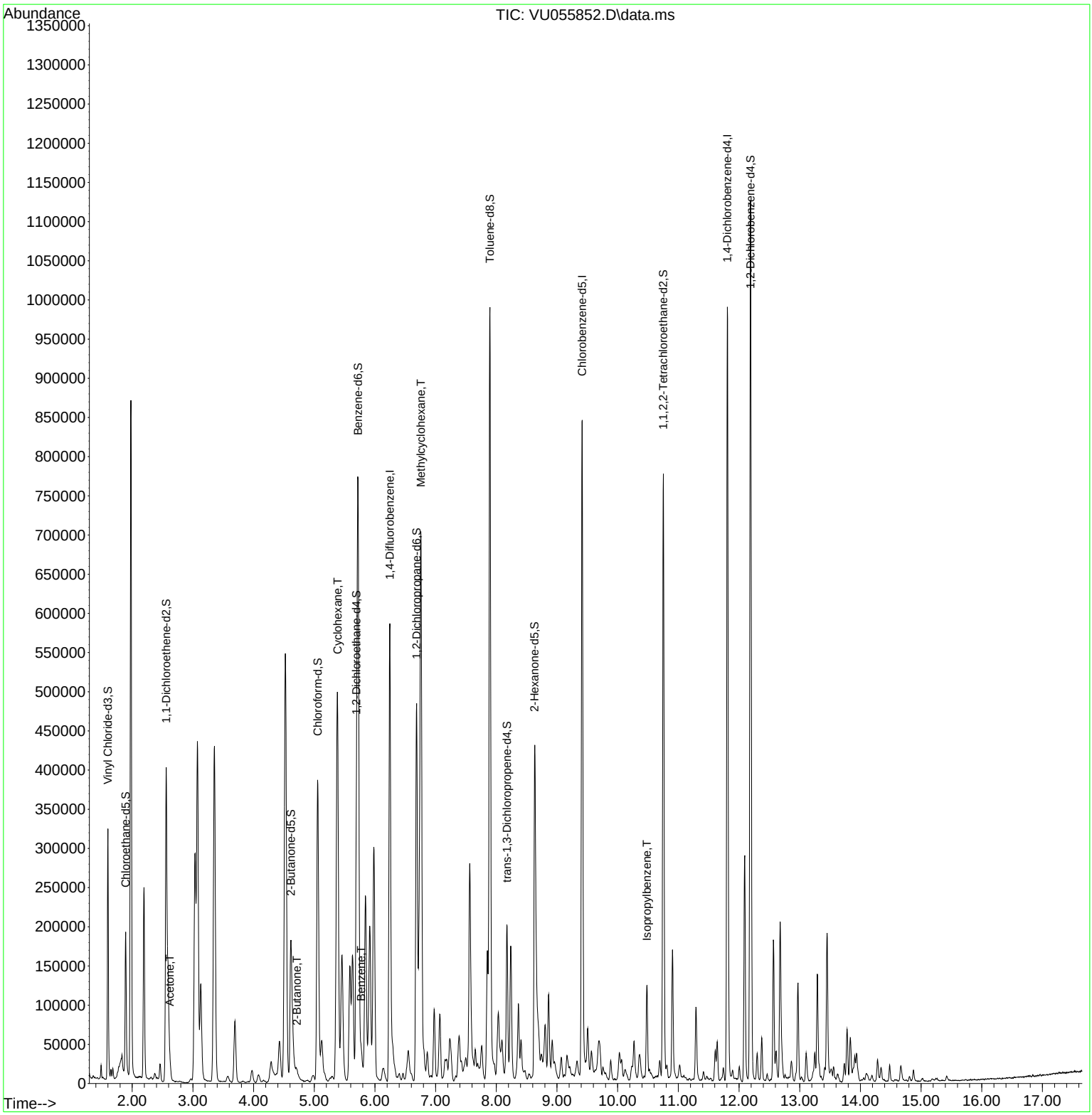

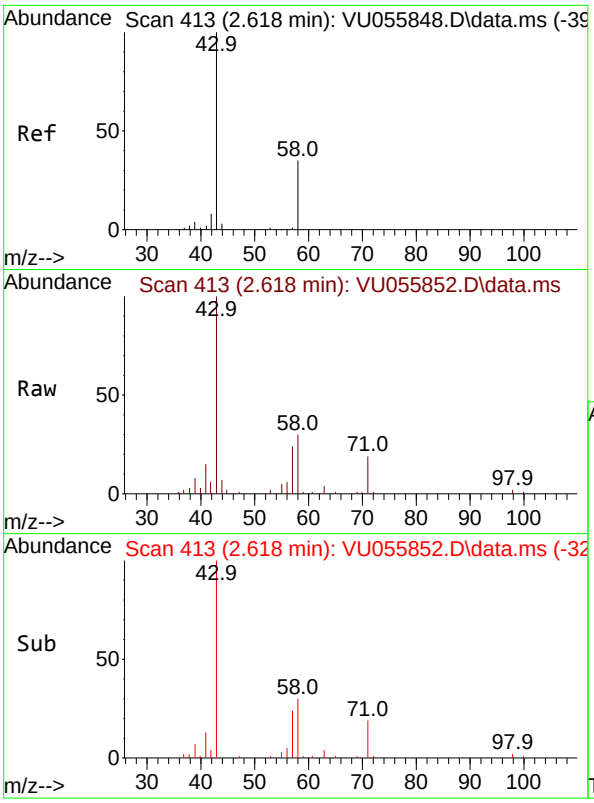

#13
Acetone
Concen: 9.573 ug/L m
RT: 2.618 min Scan# 4
Delta R.T. 0.000 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Tgt Ion: 43 Resp: 2822

Ion	Ratio	Lower	Upper
43	100		
58	9.3	0.0	67.4

Instrument :
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ClientSampleId :
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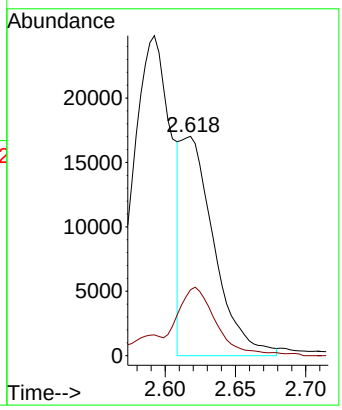
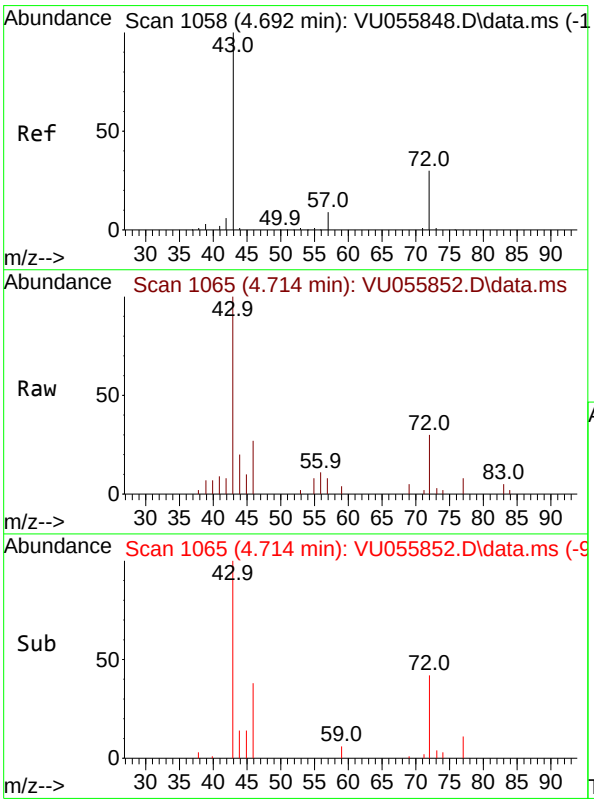
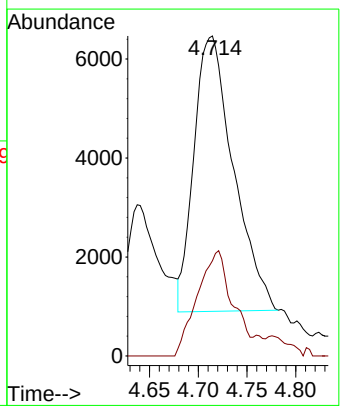


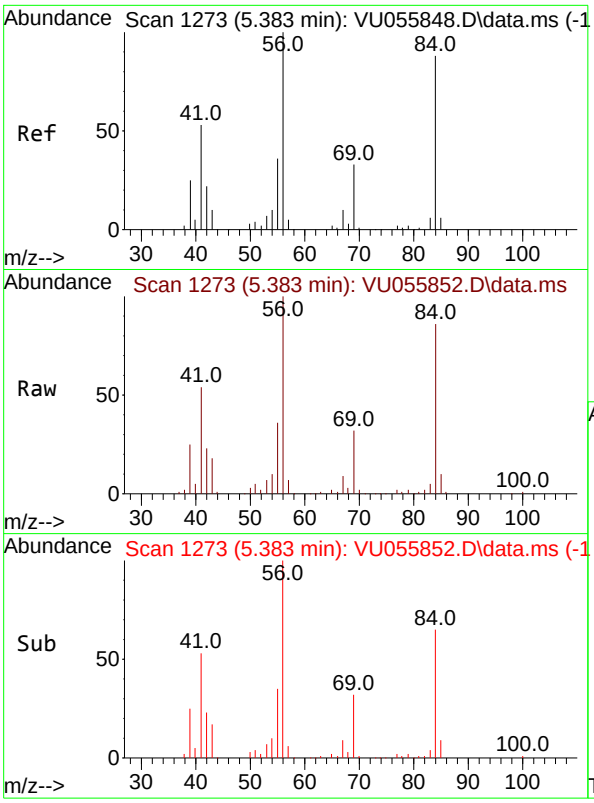


#22
2-Butanone
Concen: 4.415 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.023 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Tgt Ion: 43 Resp: 15689

Ion	Ratio	Lower	Upper
43	100		
72	33.8	14.6	44.0





#29
Cyclohexane
Concen: 45.878 ug/L
RT: 5.383 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Tgt Ion: 56 Resp: 25125

Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.9	37.3
84	83.9	70.7	106.1

Instrument :
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ClientSampleId :
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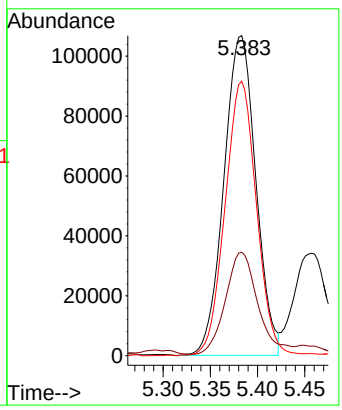
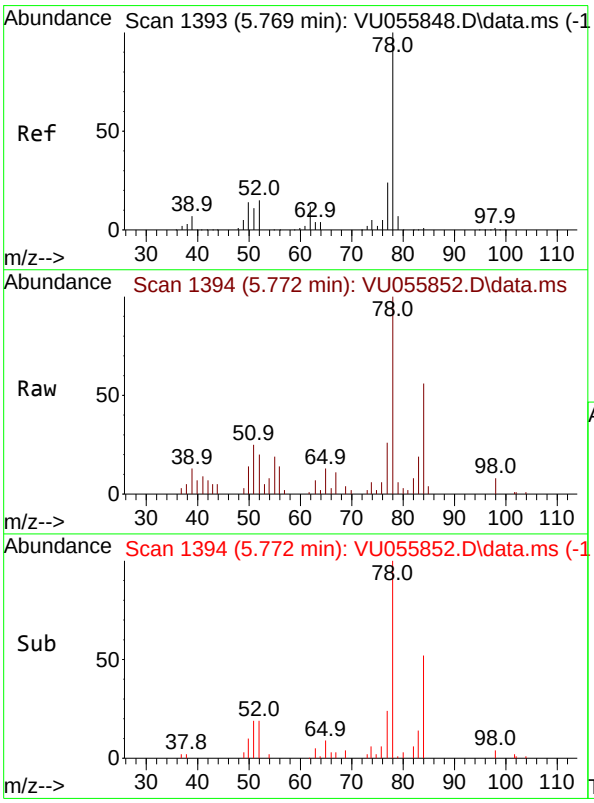
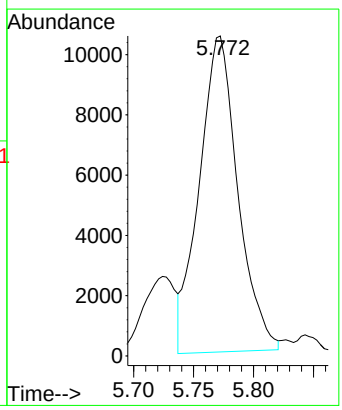
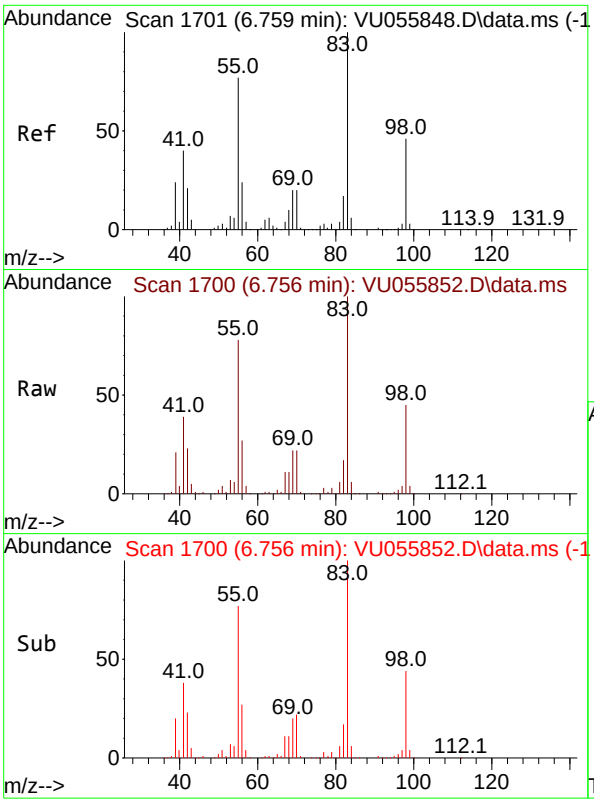




#33
Benzene
Concen: 1.551 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Tgt Ion: 78 Resp: 23429





#35
Methylcyclohexane
Concen: 51.167 ug/L
RT: 6.756 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Tgt Ion: 83 Resp: 30679

Ion	Ratio	Lower	Upper
83	100		
55	87.6	61.2	91.8
98	42.7	35.8	53.6

Instrument :
MSVOA_U
ClientSampleId :
E45J5

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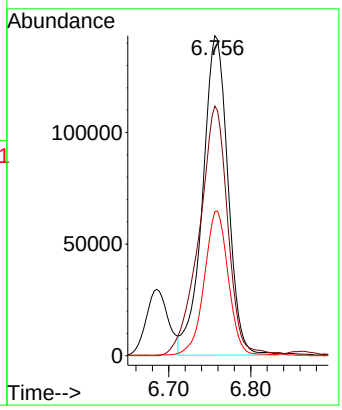

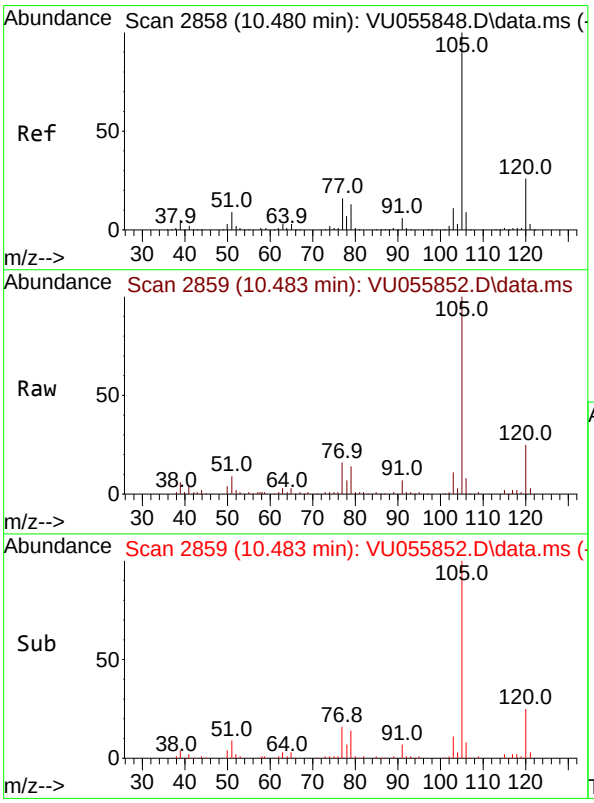

#61
Isopropylbenzene
Concen: 4.785 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Tgt Ion:105 Resp: 76847

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.6	30.8
77	16.3	13.4	20.0