Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010722\
Data File : VU046696.D
Acq On : 07 Jan 2022 15:52
Operator : SY/MD
Sample : N1025-04ME
Misc : 6.80g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGLG8ME

Manual Integrations APPROVED

Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

Quant Time: Jan 07 23:27:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 07 23:26:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	199908	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	199366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	100754	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57549	32.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.980%		
7) Chloroethane-d5	1.922	69	46834m	36.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.280%		
11) 1,1-Dichloroethene-d2	2.562	63	64937	21.887	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	43.780%#		
21) 2-Butanone-d5	4.677	46	105517m	82.645	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.650%		
24) Chloroform-d	5.073	84	115567	37.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.160%		
26) 1,2-Dichloroethane-d4	5.713	65	80216	41.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.260%		
32) Benzene-d6	5.729	84	230016	36.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.940%		
36) 1,2-Dichloropropane-d6	6.693	67	71613	37.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.440%		
41) Toluene-d8	7.902	98	206004	37.037	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.080%#		
43) trans-1,3-Dichloroprop...	8.189	79	35766	39.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.220%		
47) 2-Hexanone-d5	8.697	63	84008	83.299	ug/L	0.06
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.300%		
56) 1,1,2,2-Tetrachloroeth...	10.777	84	115457	39.270	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.540%		
66) 1,2-Dichlorobenzene-d4	12.204	152	86801	41.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.260%		
Target Compounds						Qvalue
42) Toluene	7.973	91	9836	1.573	ug/L	99
52) Ethylbenzene	9.578	91	7706	1.161	ug/L	98
53) m,p-Xylene	9.703	106	8730	3.407	ug/L	98
54) o-xylene	10.111	106	2911	1.188	ug/L	85
62) 1,3,5-Trimethylbenzene	11.098	105	6051	1.170	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	29942	5.808	ug/L	98

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

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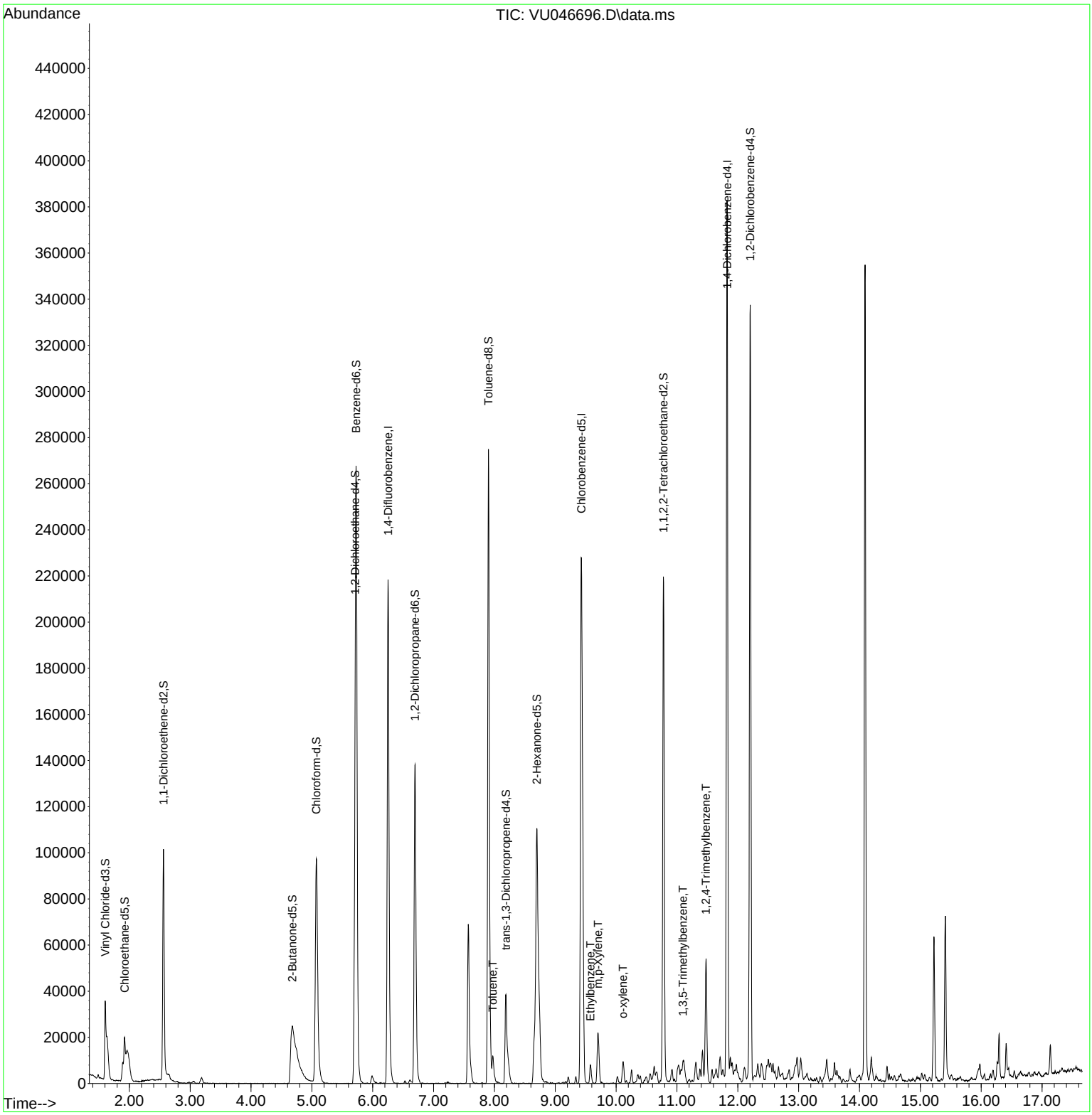

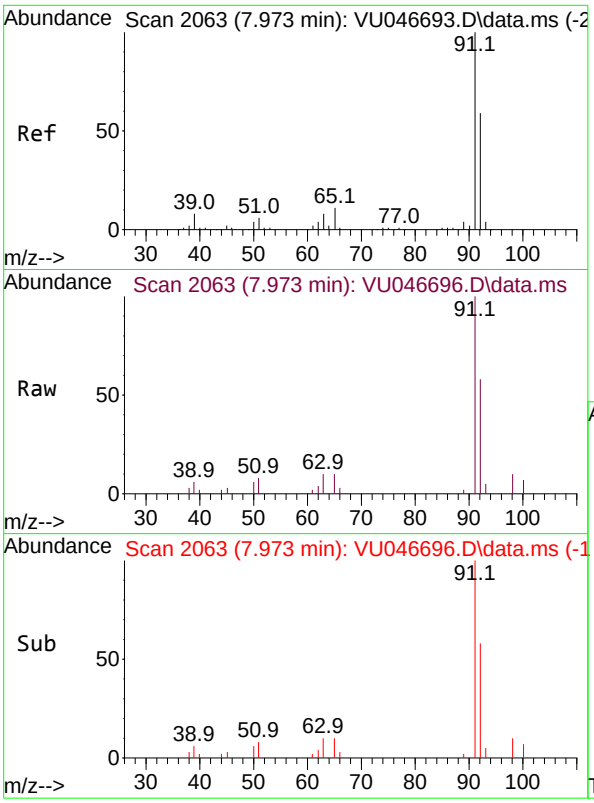

#42
Toluene
Concen: 1.573 ug/L
RT: 7.973 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion: 91 Resp: 983

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.4	75.0

Instrument :
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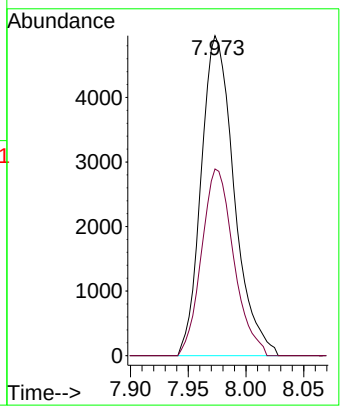
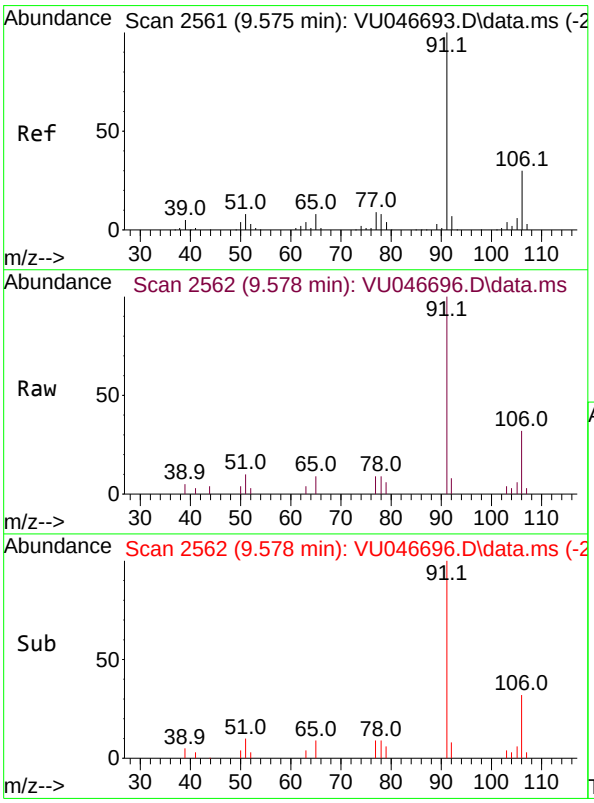
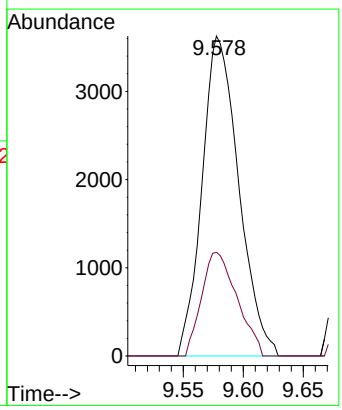


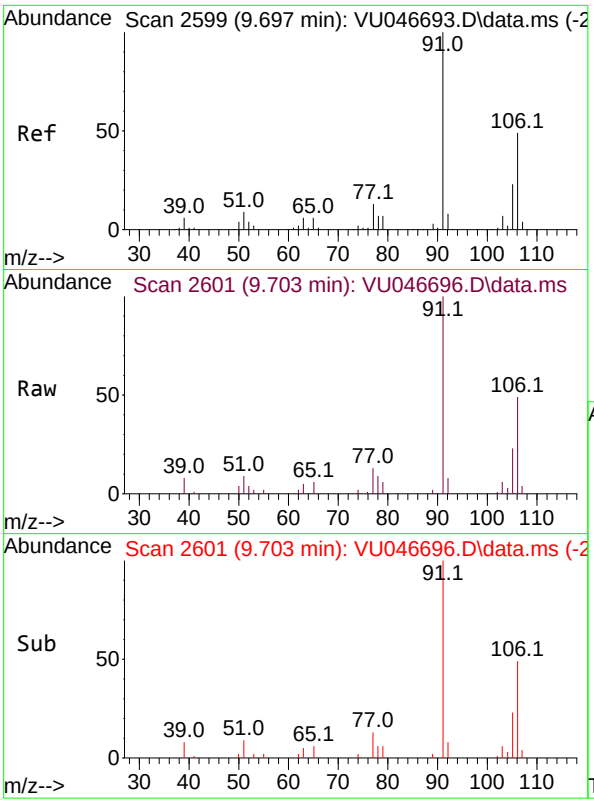


#52
Ethylbenzene
Concen: 1.161 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion: 91 Resp: 7706

Ion	Ratio	Lower	Upper
91	100		
106	32.4	21.8	40.4





#53
m,p-Xylene
Concen: 3.407 ug/L
RT: 9.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion:106 Resp: 873

Ion	Ratio	Lower	Upper
106	100		
91	204.4	145.5	270.1

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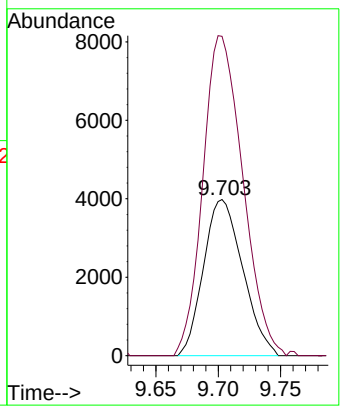
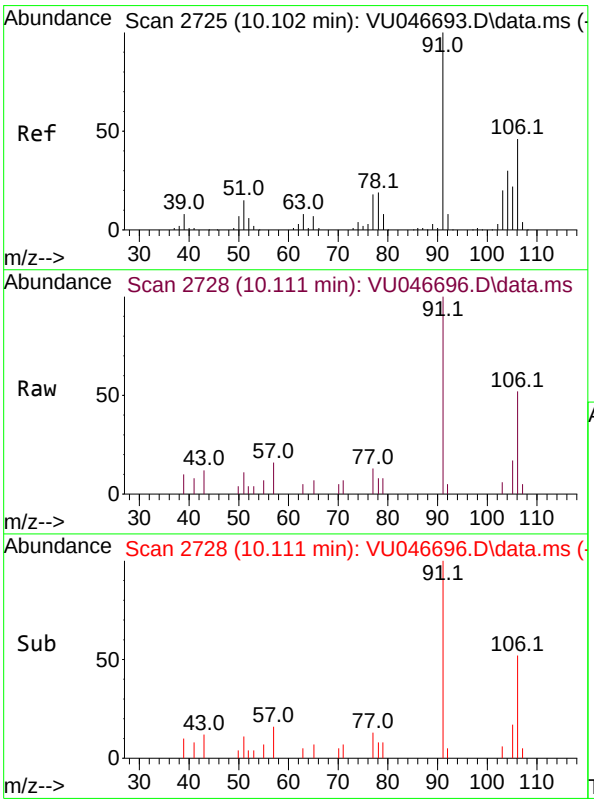
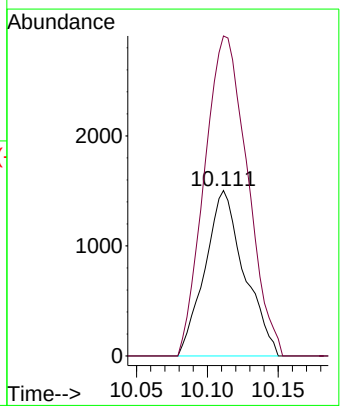


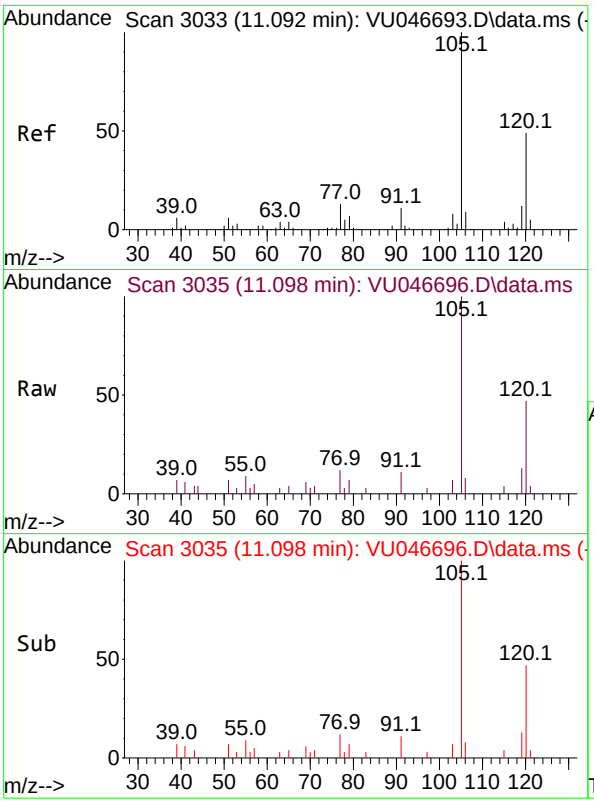


#54
o-xylene
Concen: 1.188 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.010 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion:106 Resp: 2911

Ion	Ratio	Lower	Upper
106	100		
91	193.5	152.0	282.2

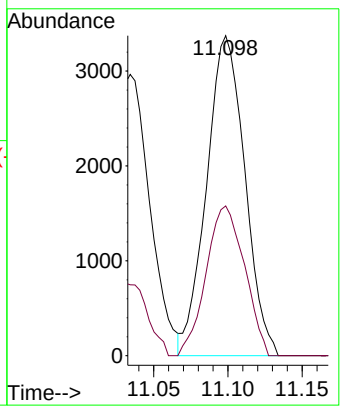




#62
1,3,5-Trimethylbenzene
Concen: 1.170 ug/L
RT: 11.098 min Scan# 3
Delta R.T. 0.006 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion:105 Resp: 605

Ion	Ratio	Lower	Upper
105	100		
120	46.9	38.4	57.6



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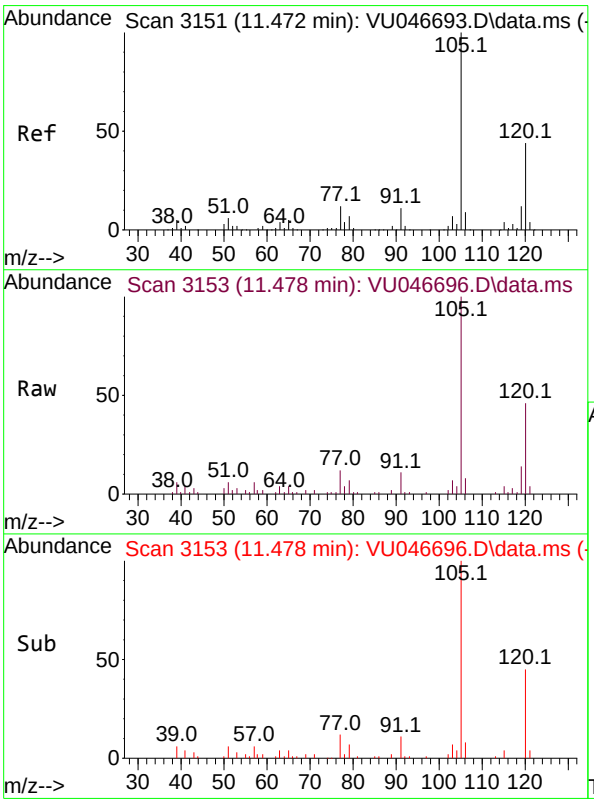

#63
1,2,4-Trimethylbenzene
Concen: 5.808 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion:105 Resp: 29942

Ion	Ratio	Lower	Upper
105	100		
120	45.9	35.4	53.2