Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
Data File : VU048535.D
Acq On : 12 May 2022 12:43
Operator : SY/MD
Sample : N2801-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 13 03:57:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
EXLB5

Manual Integrations APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	251745	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	247453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	138147	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	81311	37.504	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.000%			
7) Chloroethane-d5	1.913	69	63140	44.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.240%			
11) 1,1-Dichloroethene-d2	2.569	63	133953	34.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.440%			
21) 2-Butanone-d5	4.620	46	163361	88.475	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.470%			
24) Chloroform-d	5.067	84	201828	53.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.200%			
26) 1,2-Dichloroethane-d4	5.704	65	142908	58.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.760%			
32) Benzene-d6	5.729	84	377862	50.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.500%			
36) 1,2-Dichloropropane-d6	6.691	67	114209	46.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.160%			
41) Toluene-d8	7.900	98	346789	52.145	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.300%			
43) trans-1,3-Dichloroprop...	8.179	79	61955	54.894	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.780%			
47) 2-Hexanone-d5	8.633	63	117979	99.406	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.410%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	178644	47.828	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.660%			
66) 1,2-Dichlorobenzene-d4	12.192	152	148653	54.342	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.680%			
Target Compounds						Qvalue
13) Acetone	2.623	43	6323m	4.542	ug/L	
29) Cyclohexane	5.392	56	74249	21.744	ug/L	87
35) Methylcyclohexane	6.761	83	4730	1.416	ug/L	86
46) Tetrachloroethene	8.552	164	26215	16.662	ug/L	96
53) m,p-Xylene	9.697	106	9089	2.571	ug/L	85
61) Isopropylbenzene	10.485	105	42962	4.438	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	20461	2.575	ug/L	97

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

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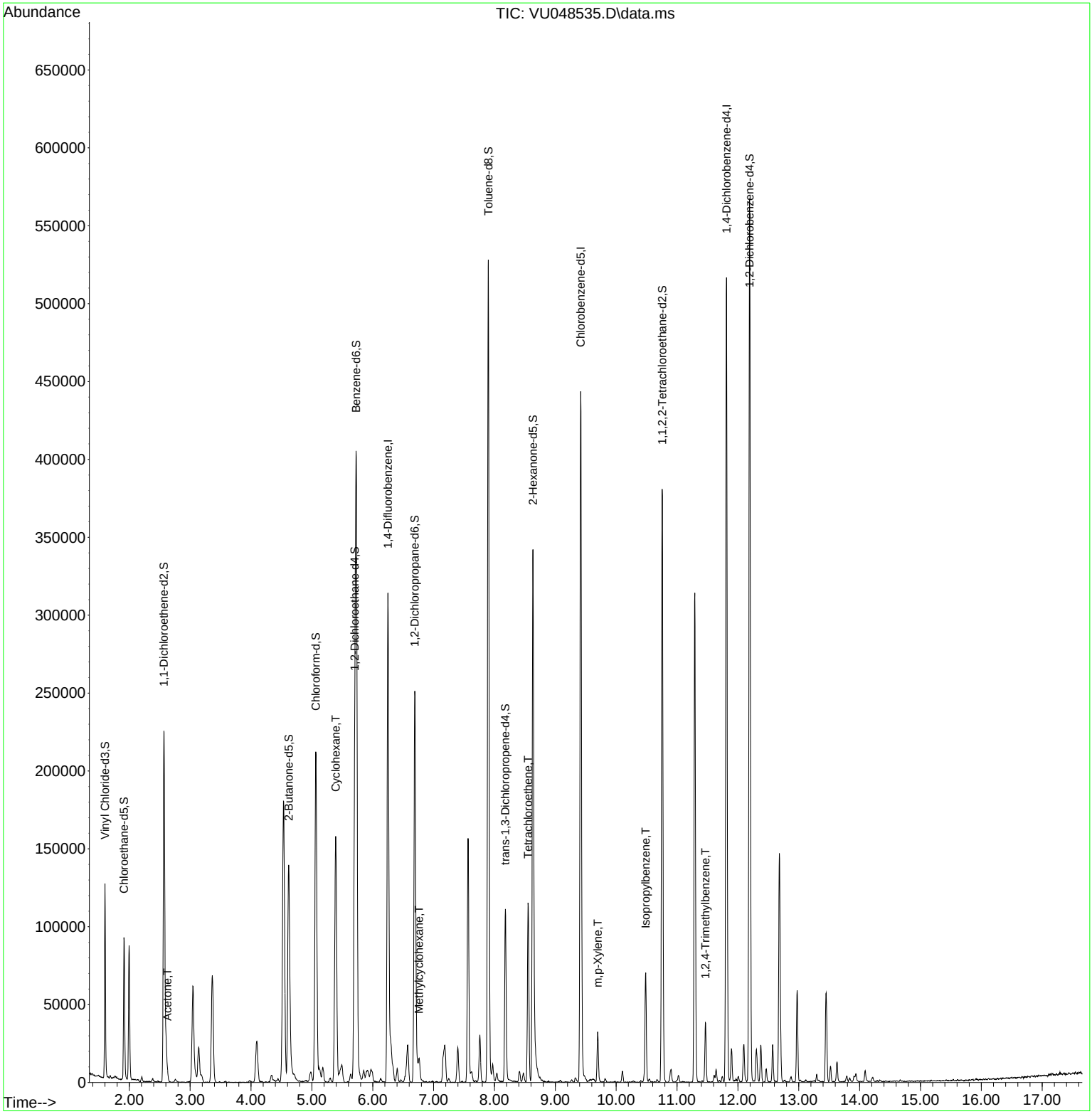

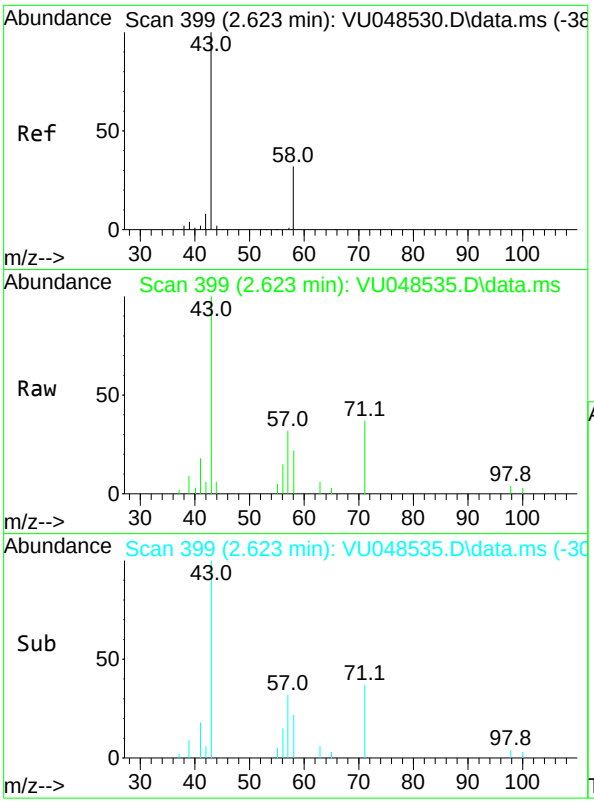

#13
Acetone
Concen: 4.542 ug/L m
RT: 2.623 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU048535.D
Acq: 12 May 2022 12:43

Tgt Ion: 43 Resp: 632

Ion	Ratio	Lower	Upper
43	100		
58	4.8	0.0	66.2

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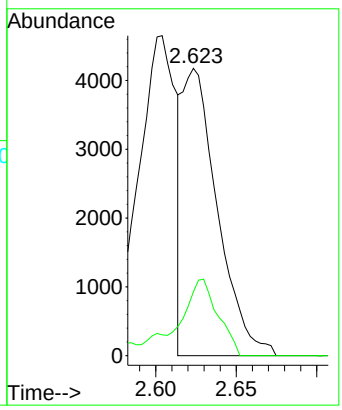
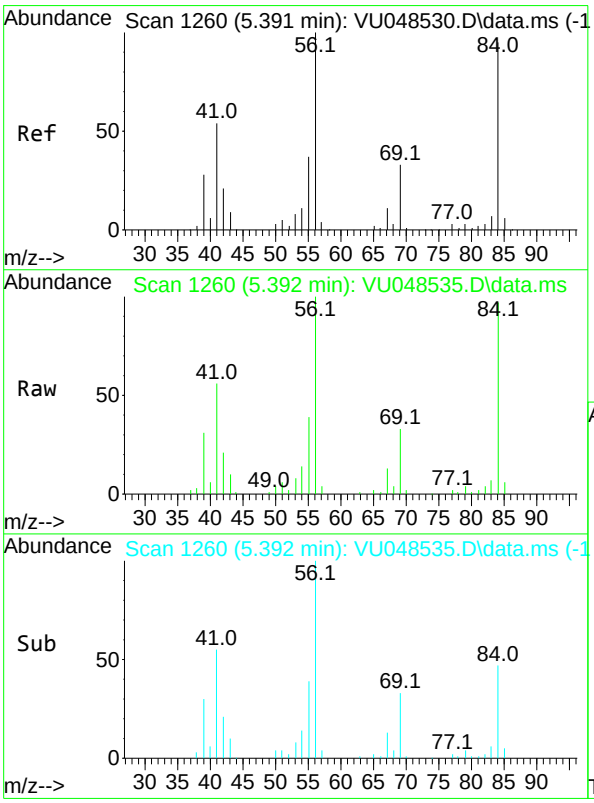
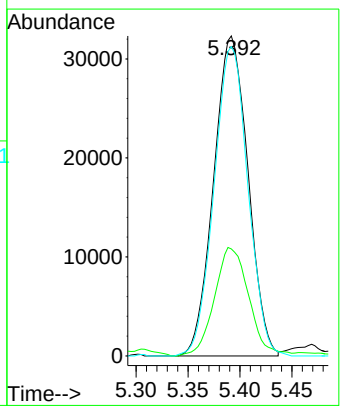


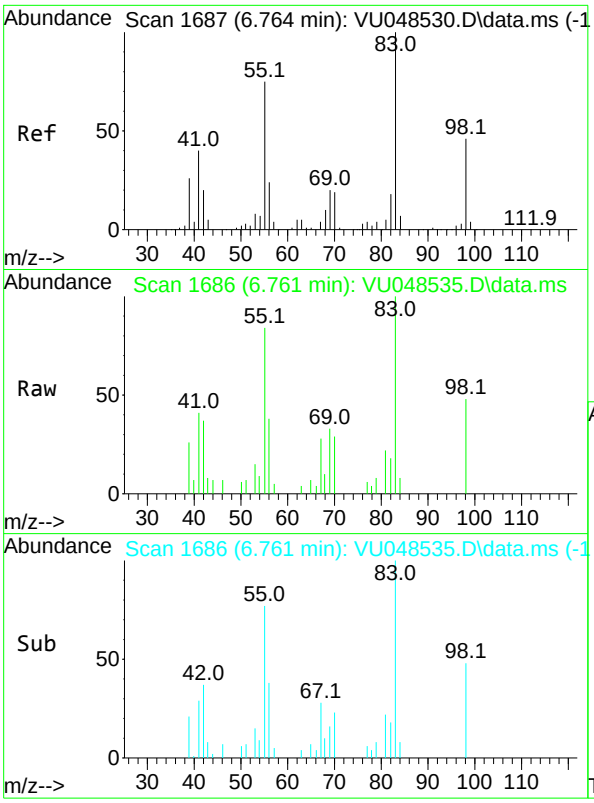


#29
Cyclohexane
Concen: 21.744 ug/L
RT: 5.392 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU048535.D
Acq: 12 May 2022 12:43

Tgt Ion: 56 Resp: 74249

Ion	Ratio	Lower	Upper
56	100		
69	33.9	23.4	35.0
84	95.3	65.5	98.3

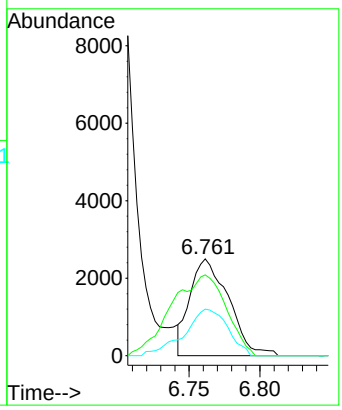




#35
Methylcyclohexane
Concen: 1.416 ug/L
RT: 6.761 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048535.D
Acq: 12 May 2022 12:43

Tgt Ion: 83 Resp: 473

Ion	Ratio	Lower	Upper
83	100		
55	66.8	63.4	95.2
98	53.4	35.9	53.9



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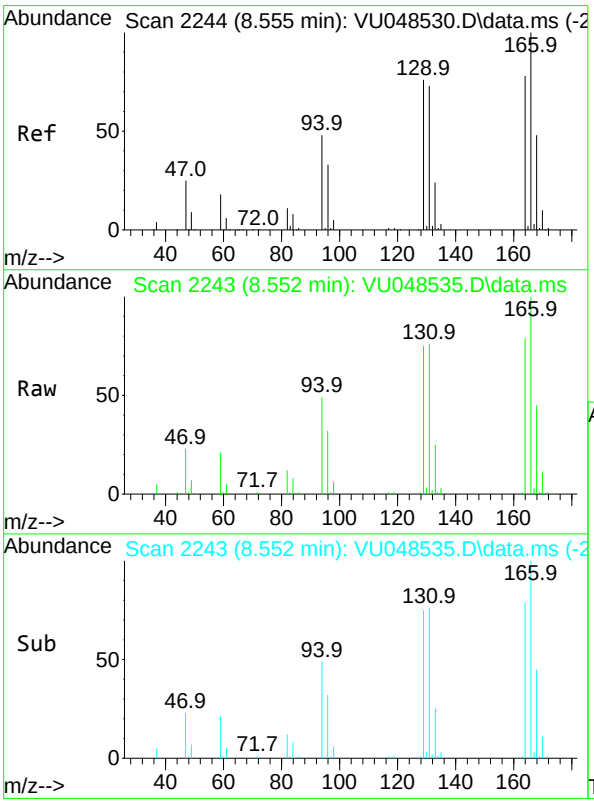
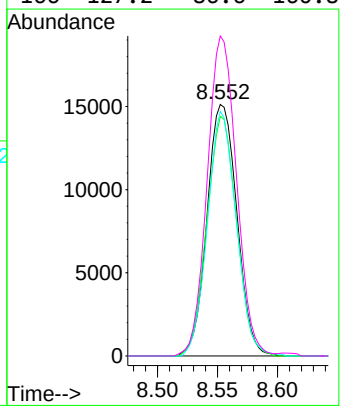
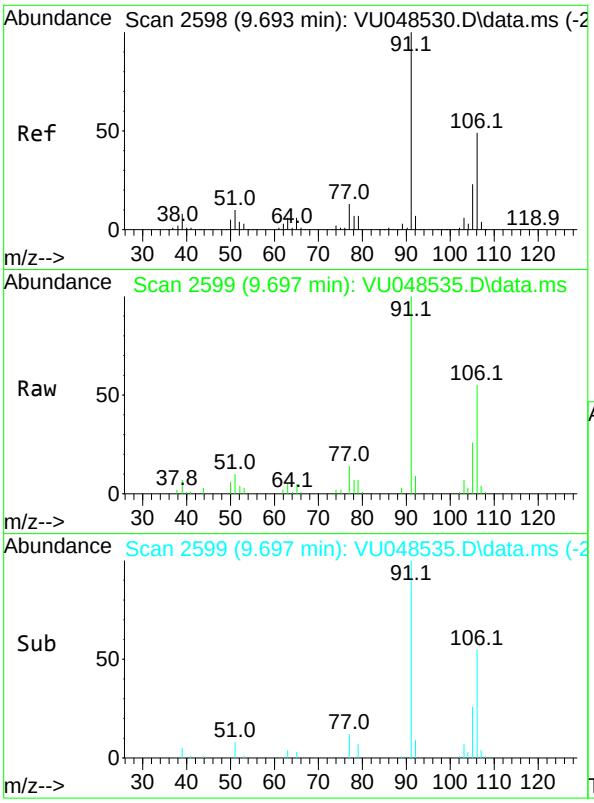


#46
Tetrachloroethene
Concen: 16.662 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048535.D
Acq: 12 May 2022 12:43

Tgt Ion:164 Resp: 26215

Ion	Ratio	Lower	Upper
164	100		
129	95.2	69.2	128.6
131	97.3	65.2	121.0
166	127.2	86.6	160.8





#53
m,p-Xylene
Concen: 2.571 ug/L
RT: 9.697 min Scan# 2
Delta R.T. 0.004 min
Lab File: VU048535.D
Acq: 12 May 2022 12:43

Tgt Ion:106 Resp: 908

Ion	Ratio	Lower	Upper
106	100		
91	182.6	144.1	267.7

Instrument :
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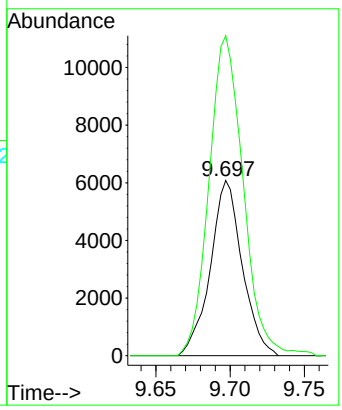
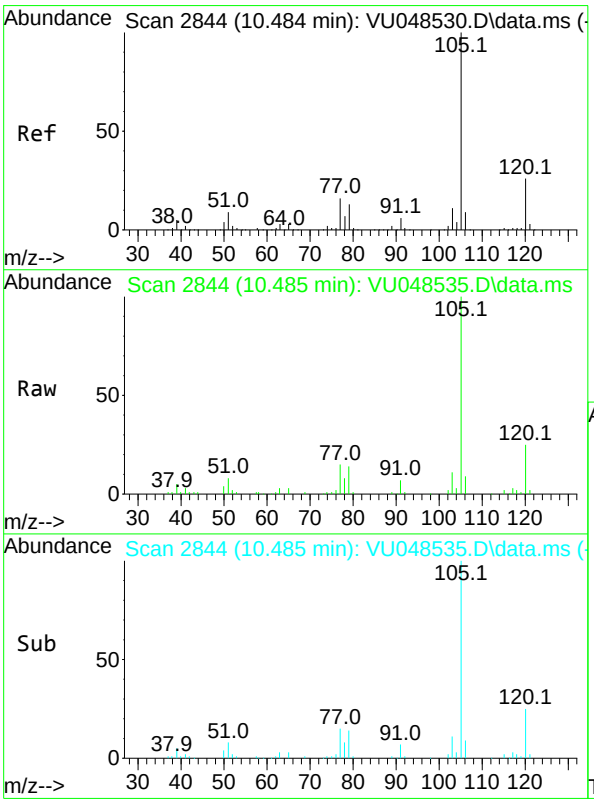
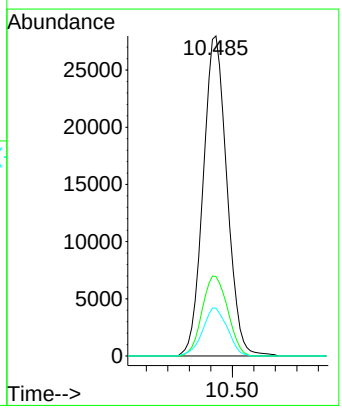


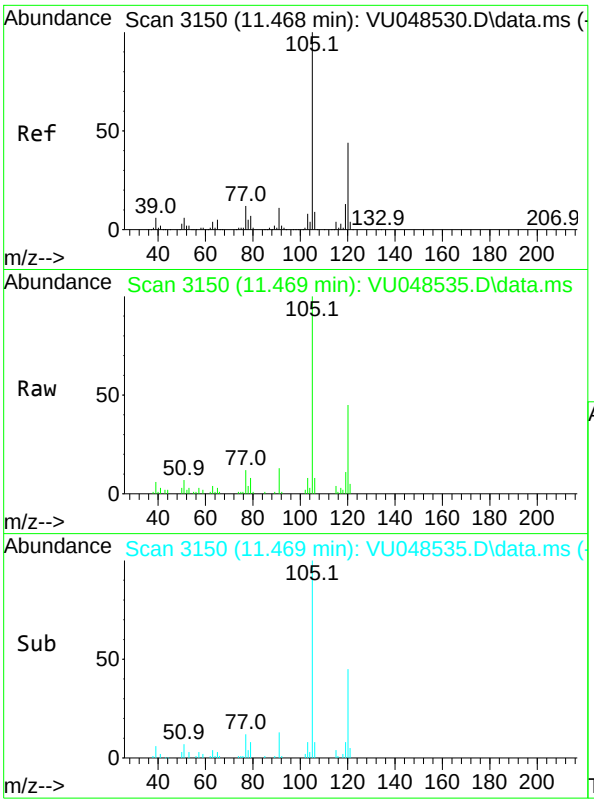


#61
Isopropylbenzene
Concen: 4.438 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048535.D
Acq: 12 May 2022 12:43

Tgt Ion:105 Resp: 42962

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.0	31.4
77	15.6	12.5	18.7

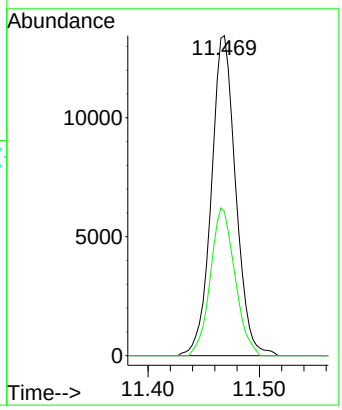




#63
1,2,4-Trimethylbenzene
Concen: 2.575 ug/L
RT: 11.469 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU048535.D
Acq: 12 May 2022 12:43

Tgt Ion:105 Resp: 2046

Ion	Ratio	Lower	Upper
105	100		
120	46.4	35.4	53.2



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