Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071819\
Data File : VU033307.D
Acq On : 18 Jul 2019 10:34
Operator : JC/SP
Sample : K3828-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAMR0

Manual Integrations APPROVED
MMDadoda
7/19/2019 10:58:17 AM

Quant Time: Jul 19 02:04:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	310813	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	310083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	157319	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	46629	19.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 39.64%#			
7) Chloroethane-d5	1.67	69	55135	27.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 54.86%#			
11) 1,1-Dichloroethene-d2	2.26	63	59909	14.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 28.08%#			
21) 2-Butanone-d5	4.15	46	160776	107.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.84%			
24) Chloroform-d	4.62	84	148666	37.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.40%			
26) 1,2-Dichloroethane-d4	5.28	65	102515	40.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.08%			
32) Benzene-d6	5.32	84	233780	30.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 61.46%#			
36) 1,2-Dichloropropane-d6	6.31	67	95704	39.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 78.56%			
41) Toluene-d8	7.55	98	203870	28.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 56.84%#			
43) trans-1,3-Dichloropropene-	7.83	79	48317	40.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.88%			
47) 2-Hexanone-d5	8.29	63	123231	112.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.18%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	184769	50.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	139535	49.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.48%			
Target Compounds						Qvalue
13) Acetone	2.31	43	22095	11.862	ug/L	98
16) Methylene chloride	2.69	84	3509	1.481	ug/L #	73
22) 2-Butanone	4.25	43	5855m	2.830	ug/L	
29) Cyclohexane	4.97	56	59317	17.555	ug/L	94
35) Methylcyclohexane	6.40	83	93433	25.791	ug/L	91
52) Ethylbenzene	9.23	91	175319	16.806	ug/L	98
53) m,p-Xylene	9.36	106	106341	26.912	ug/L	99
56) Isopropylbenzene	10.15	105	59413	5.885	ug/L	98

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

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MSVOA_U
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GAMR0

Manual Integrations APPROVED
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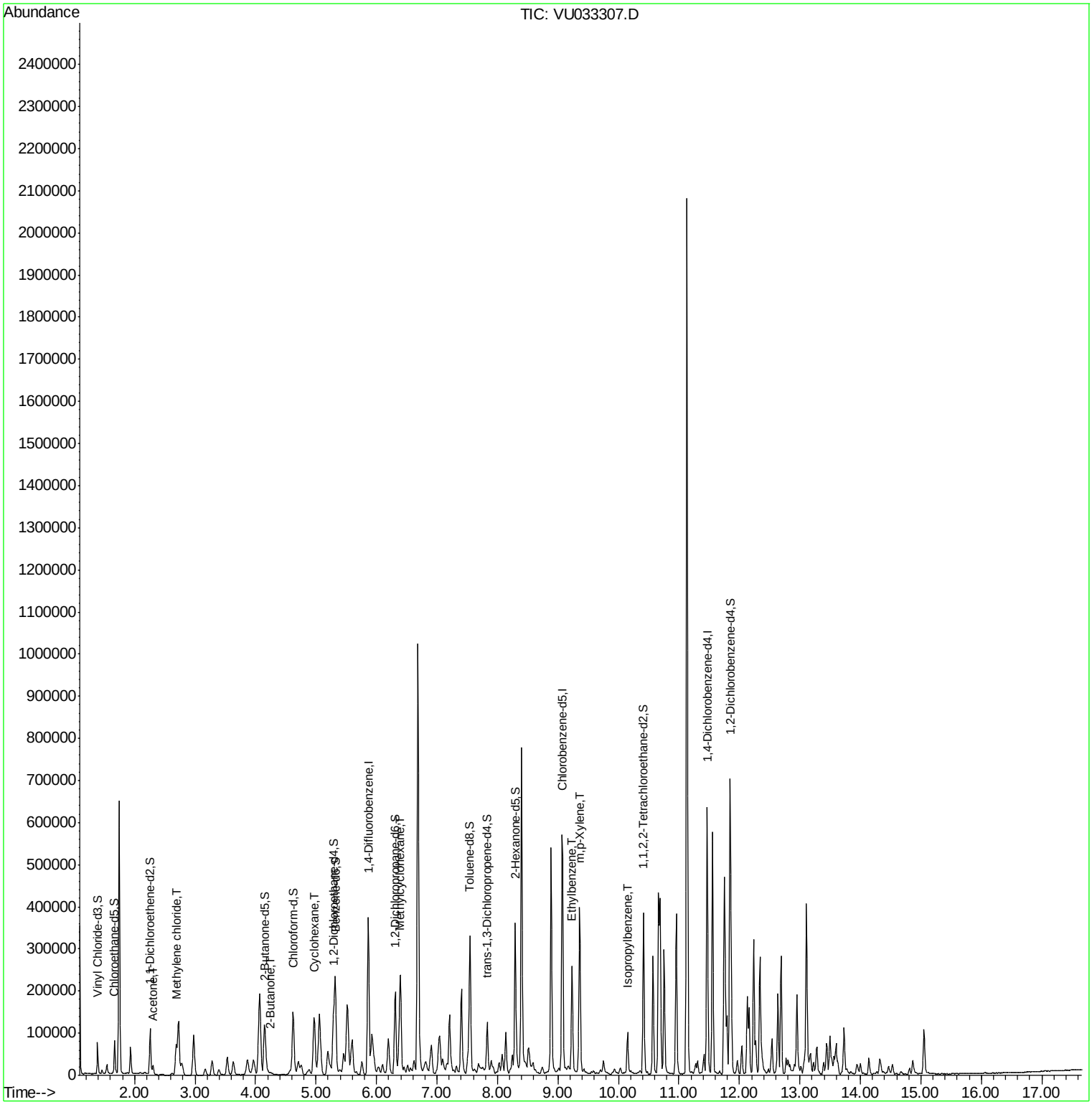
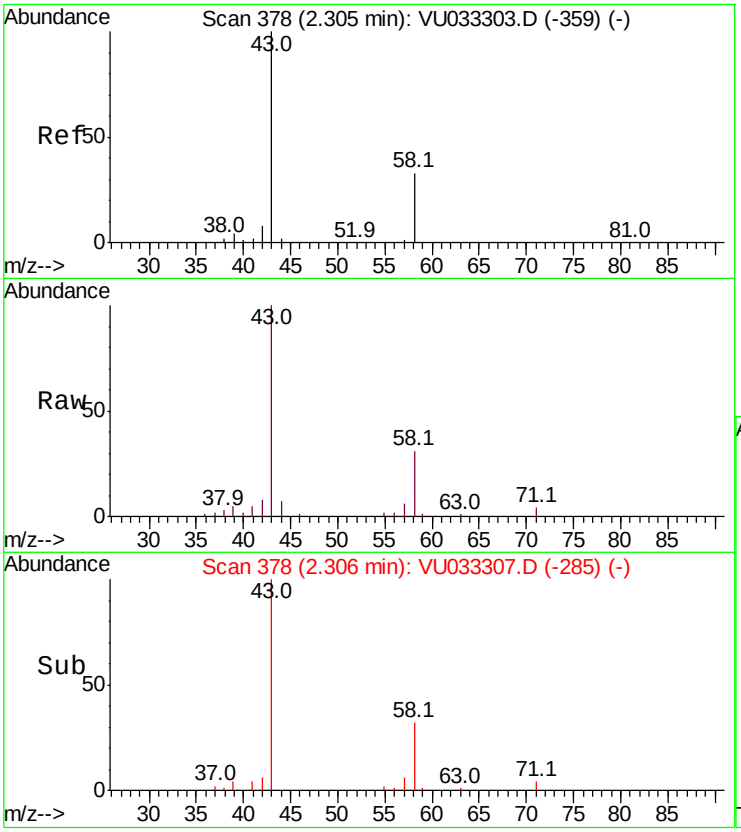
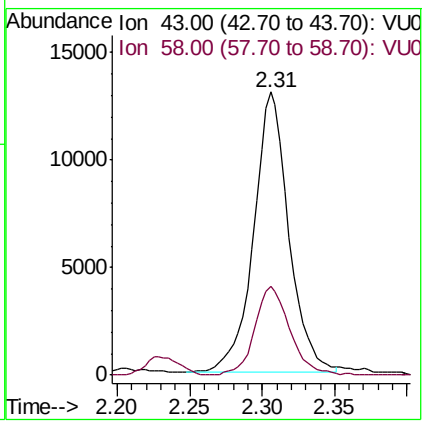




#13
Acetone
Concen: 11.862 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 43 Resp: 22095

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	65.4



Instrument :
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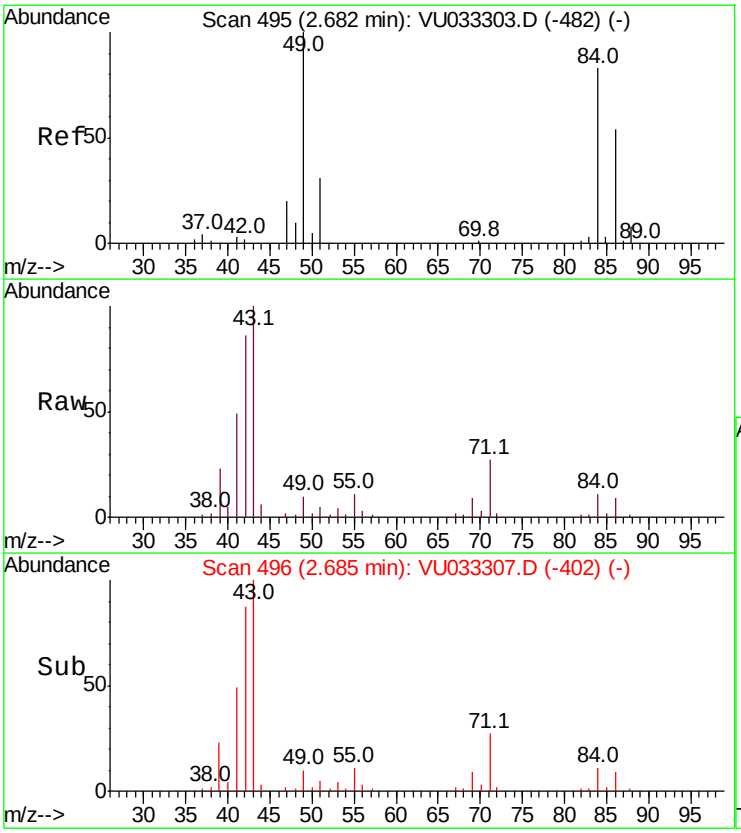
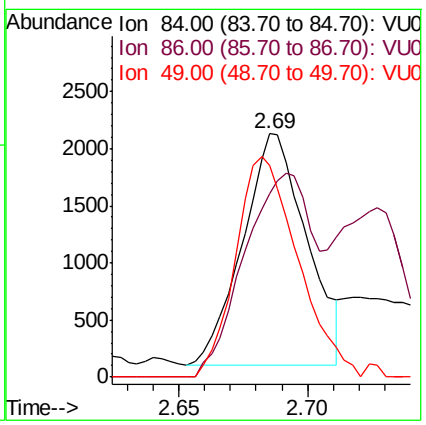
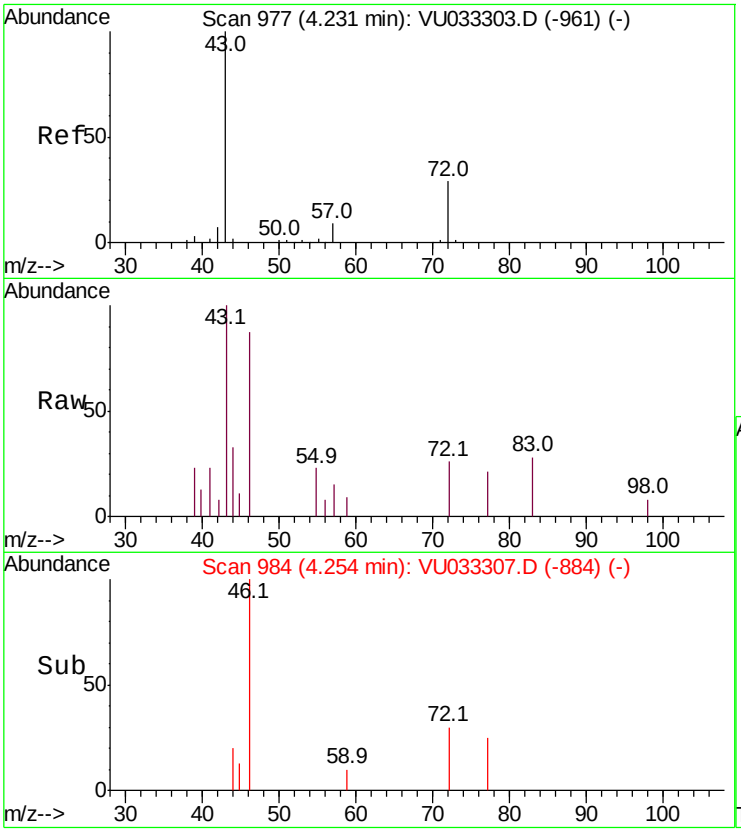


#16
Methylene chloride
Concen: 1.481 ug/L
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 84 Resp: 3509

Ion	Ratio	Lower	Upper
84	100		
86	75.4	45.7	84.9
49	86.8	87.7	162.9#

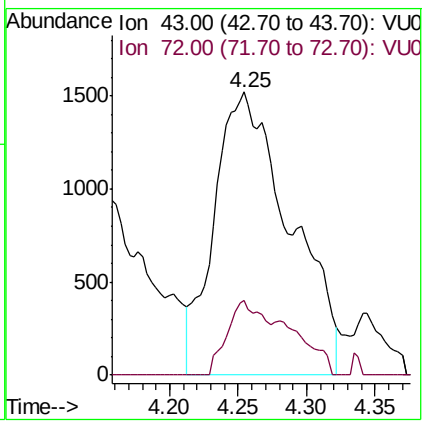




#22
2-Butanone
Concen: 2.830 ug/L m
RT: 4.25 min Scan# 984
Delta R.T. 0.02 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 43 Resp: 5855

Ion	Ratio	Lower	Upper
43	100		
72	8.8	14.4	43.2#



Instrument :
MSVOA_U
ClientSampleId :
GAMR0

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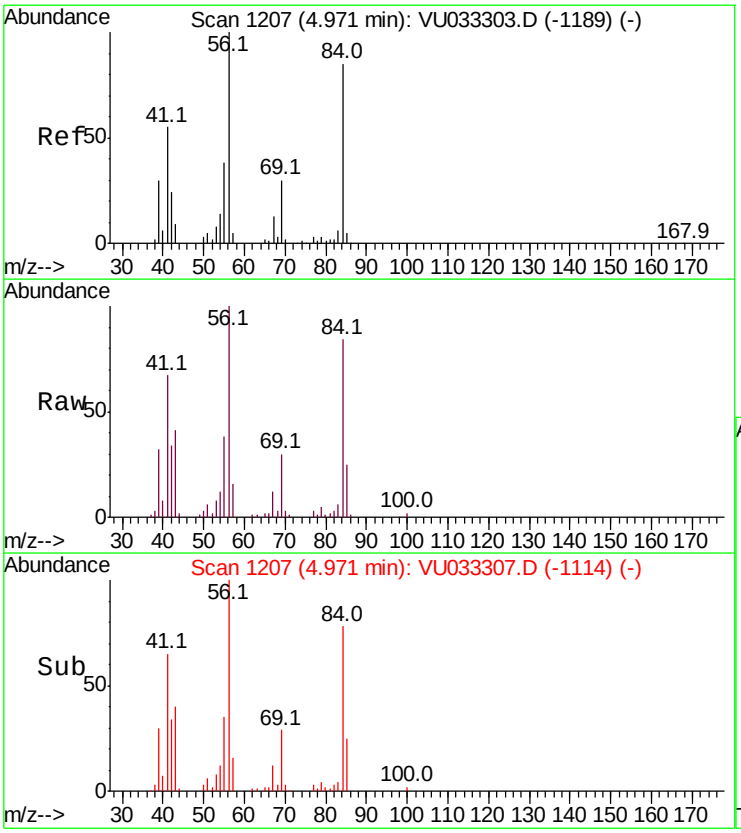
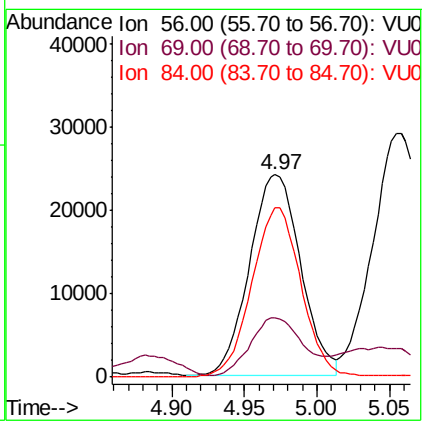
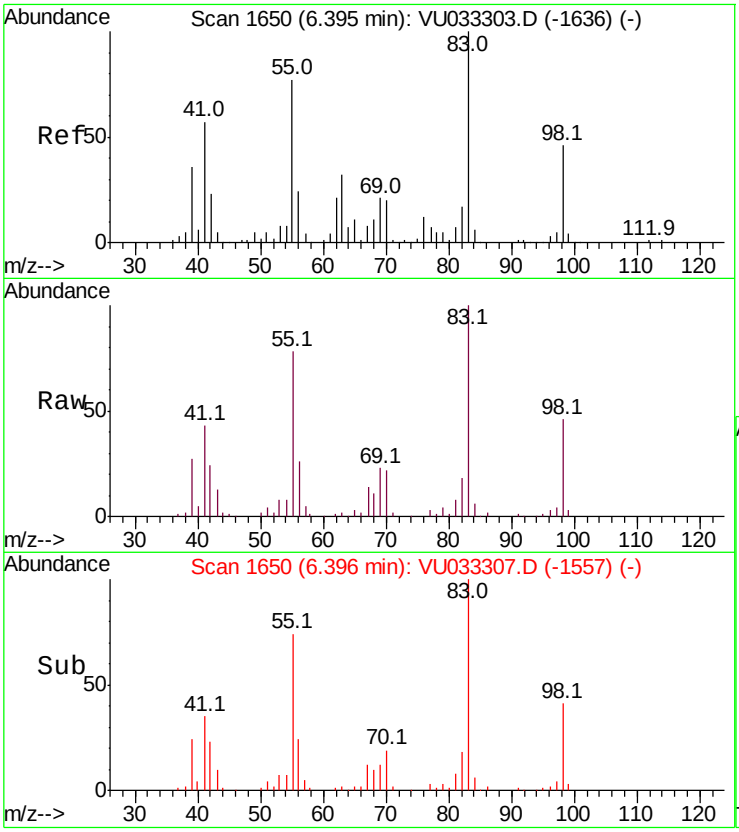


#29
Cyclohexane
Concen: 17.555 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 56 Resp: 59317

Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.7	37.1
84	81.3	70.2	105.2

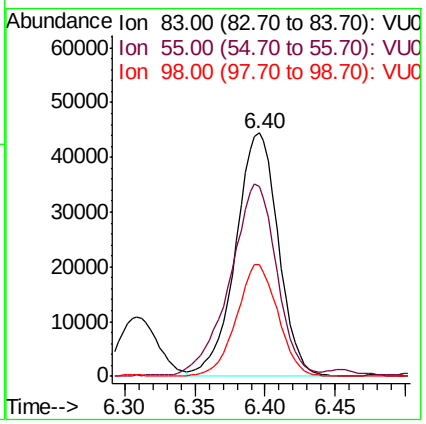




#35
Methylcyclohexane
Concen: 25.791 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 83 Resp: 93433

Ion	Ratio	Lower	Upper
83	100		
55	86.3	60.5	90.7
98	44.8	37.4	56.0



Instrument :
MSVOA_U
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Manual Integrations APPROVED
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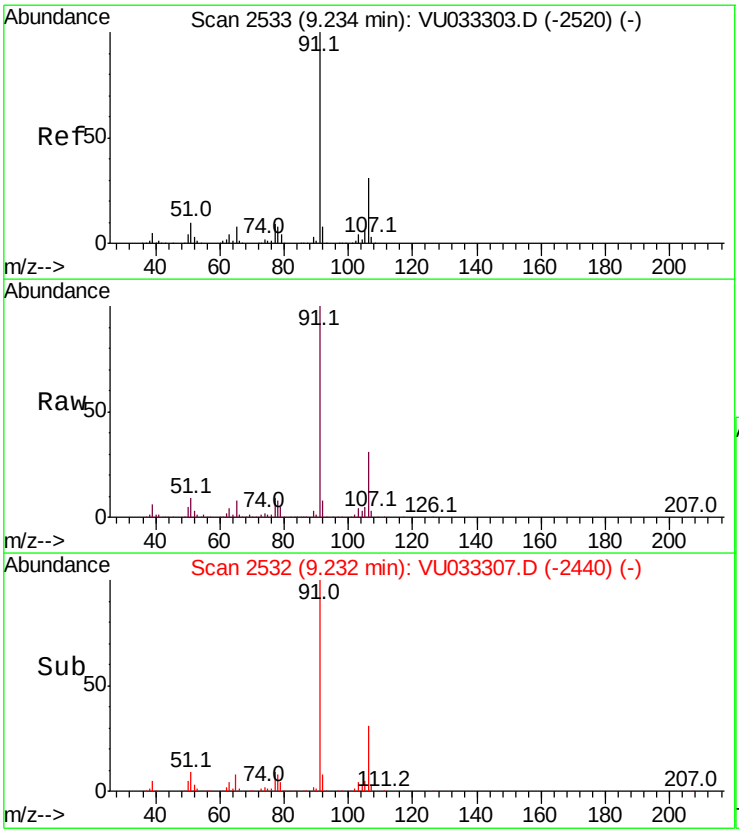
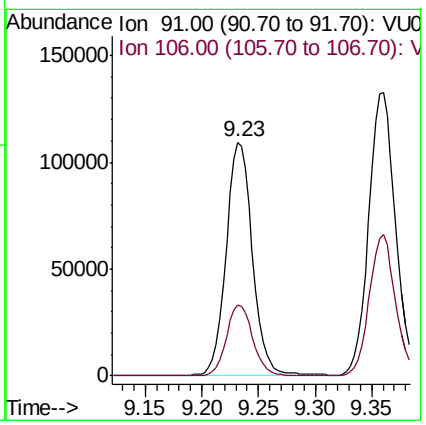
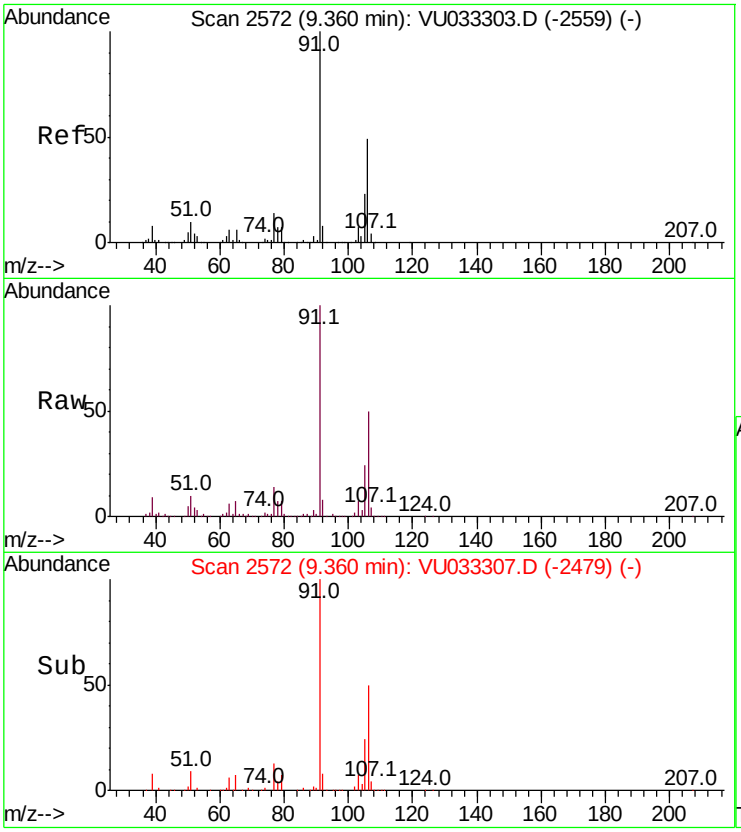


#52
Ethylbenzene
Concen: 16.806 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. -0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion: 91 Resp: 175319

Ion	Ratio	Lower	Upper
91	100		
106	30.5	22.2	41.2





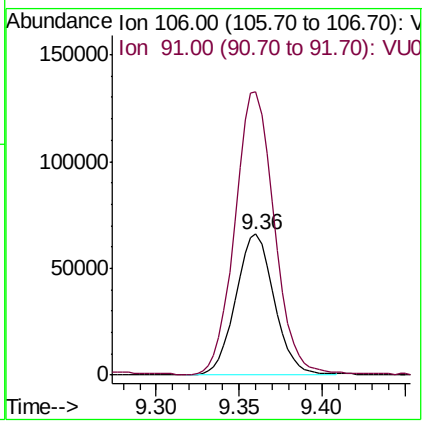
#53
m,p-Xylene
Concen: 26.912 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

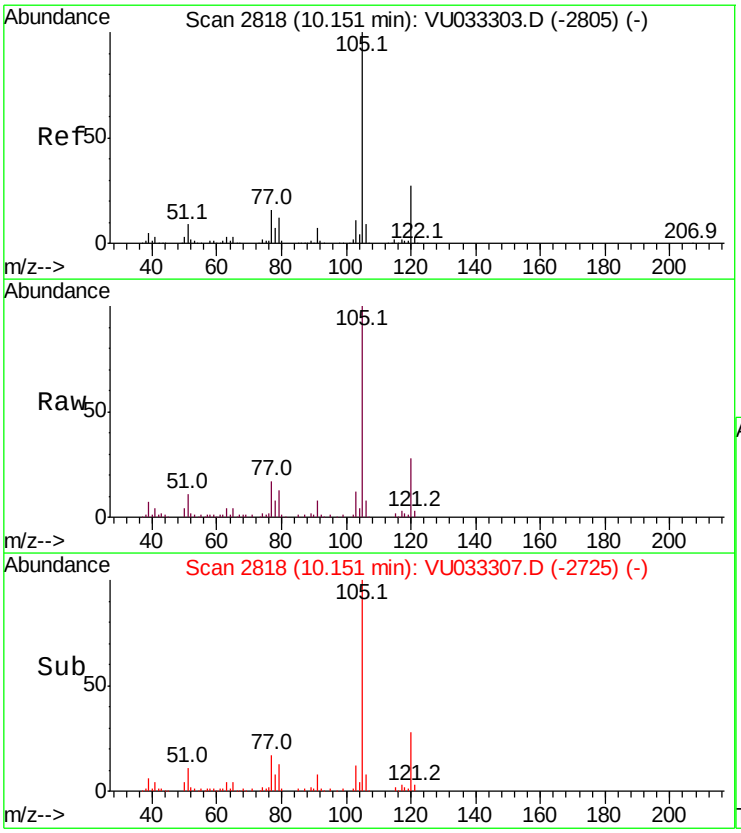
Tgt Ion:106 Resp: 106341

Ion	Ratio	Lower	Upper
106	100		
91	200.8	141.3	262.3

Instrument :
MSVOA_U
ClientSampleId :
GAMR0

Manual Integrations APPROVED
MMDadoda
7/19/2019 10:58:17 AM





#56
Isopropylbenzene
Concen: 5.885 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033307.D
Acq: 18 Jul 2019 10:34

Tgt Ion:105 Resp: 59413

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.2	31.8
77	18.1	12.9	19.3