Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDK7

Manual Integrations APPROVED
MMDadoda
9/26/2019 1:07:01 PM

Quant Time: Sep 26 09:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 06:56:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	448486	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	434449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	200905	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	187758	40.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.78%			
7) Chloroethane-d5	1.67	69	164568m	46.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.76%			
11) 1,1-Dichloroethene-d2	2.26	63	249773	32.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.24%			
21) 2-Butanone-d5	4.15	46	415836	118.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.17%			
24) Chloroform-d	4.62	84	320406	48.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.29	65	222810	45.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.82%			
32) Benzene-d6	5.32	84	679147	50.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.88%			
36) 1,2-Dichloropropane-d6	6.31	67	240802	51.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.32%			
41) Toluene-d8	7.54	98	648799	50.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.28%			
43) trans-1,3-Dichloropropene-	7.83	79	99287	44.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.10%			
47) 2-Hexanone-d5	8.29	63	285217	120.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 120.65%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	329450	50.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.90%			
64) 1,2-Dichlorobenzene-d4	11.84	152	228218	54.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.34%			
Target Compounds						Qvalue
13) Acetone	2.31	43	114234	27.908	ug/L	96
15) Methyl Acetate	2.60	43	8914	1.630	ug/L	98
16) Methylene chloride	2.68	84	3357650	903.347	ug/L	96
22) 2-Butanone	4.25	43	39676	8.148	ug/L	98
56) Isopropylbenzene	10.14	105	14581	0.842	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	5854	0.833	ug/L	91

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

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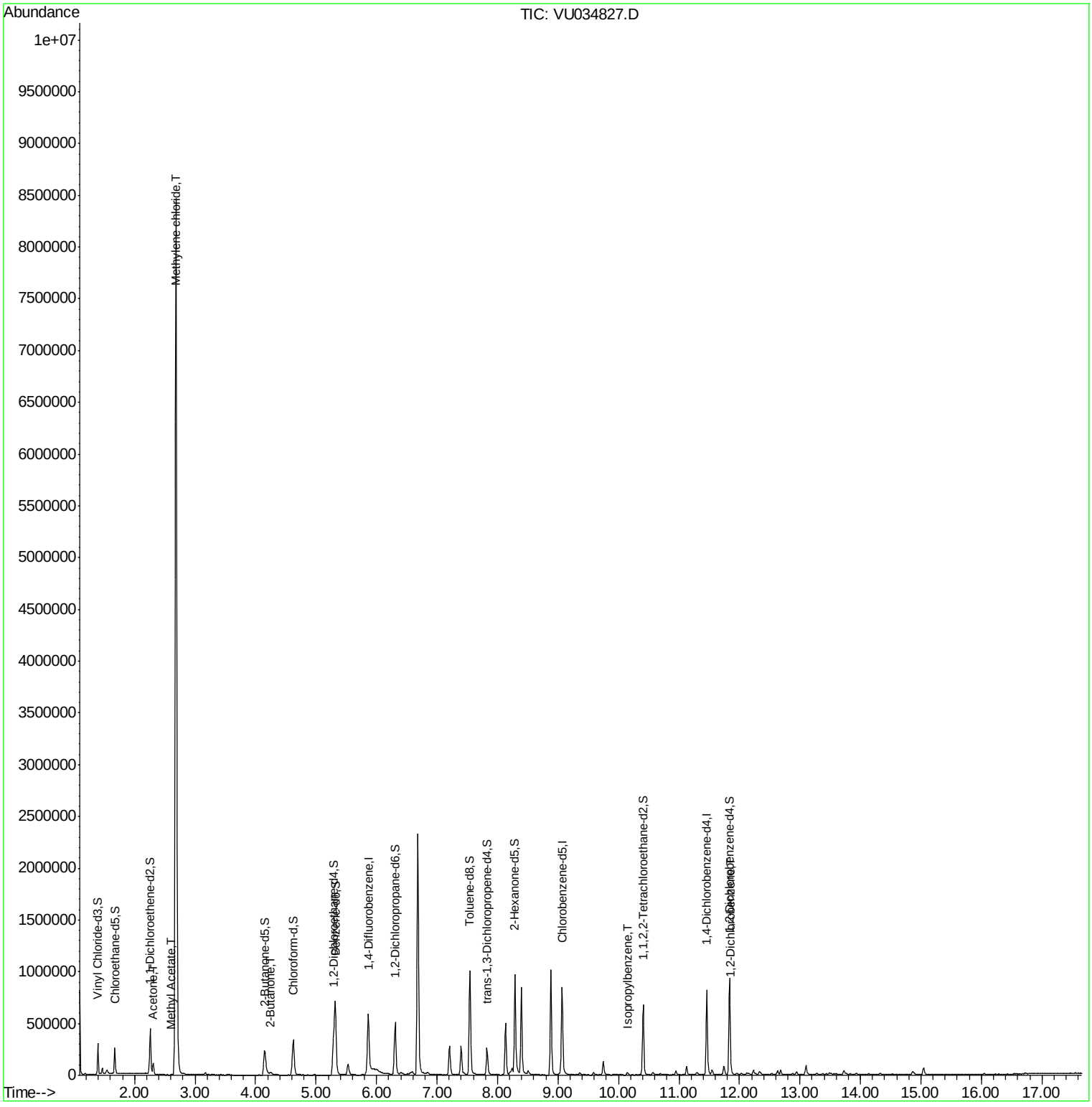
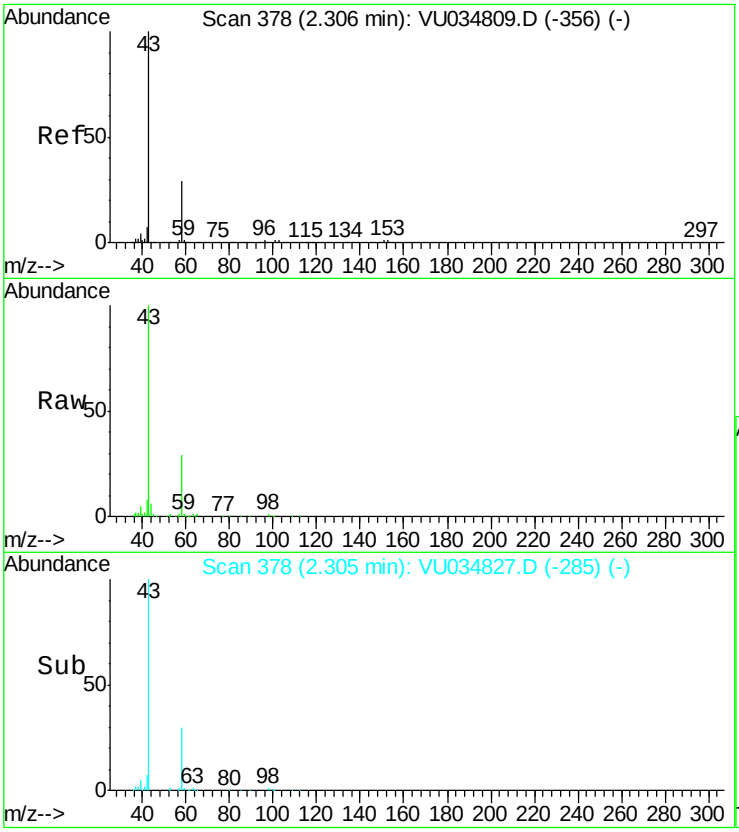
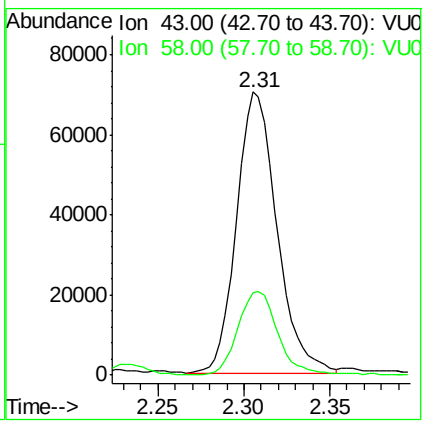




#13
Acetone
Concen: 27.908 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion: 43 Resp: 114234

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	53.4



Instrument :
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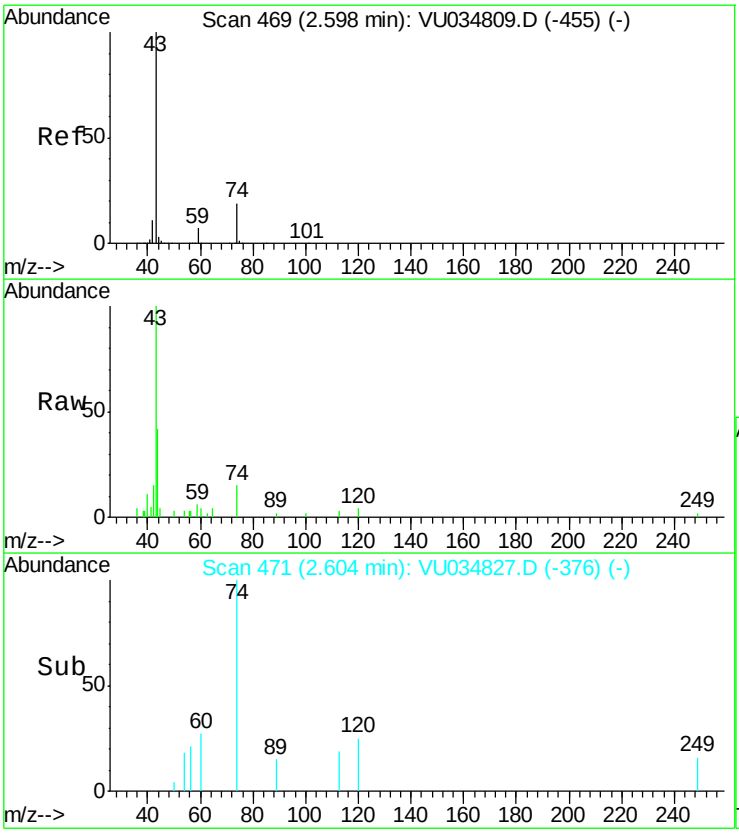
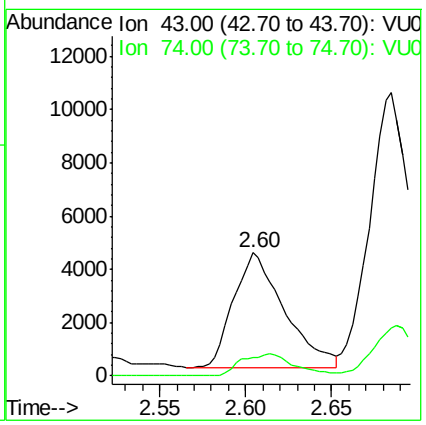
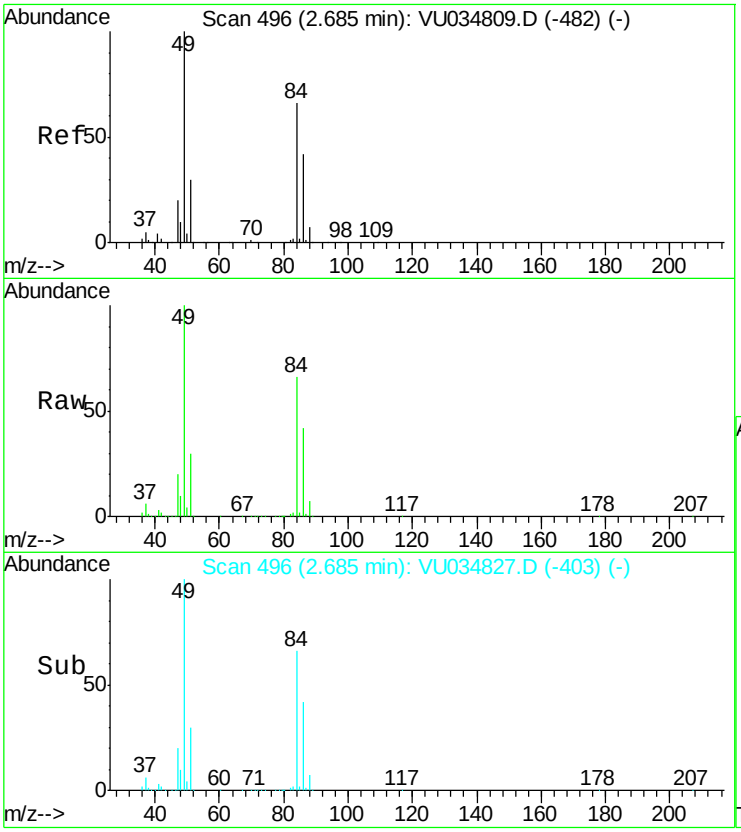


#15
Methyl Acetate
Concen: 1.630 ug/L
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion: 43 Resp: 8914

Ion	Ratio	Lower	Upper
43	100		
74	19.1	14.4	21.6

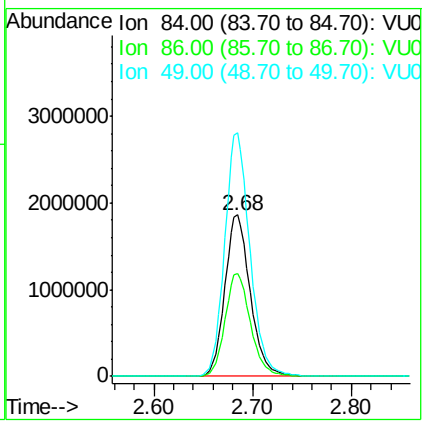




#16
Methylene chloride
Concen: 903.347 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion: 84 Resp: 3357650

Ion	Ratio	Lower	Upper
84	100		
86	64.1	43.0	80.0
49	151.1	109.7	203.7



Instrument :
MSVOA_U
ClientSampleId :
BFDK7

Manual Integrations APPROVED
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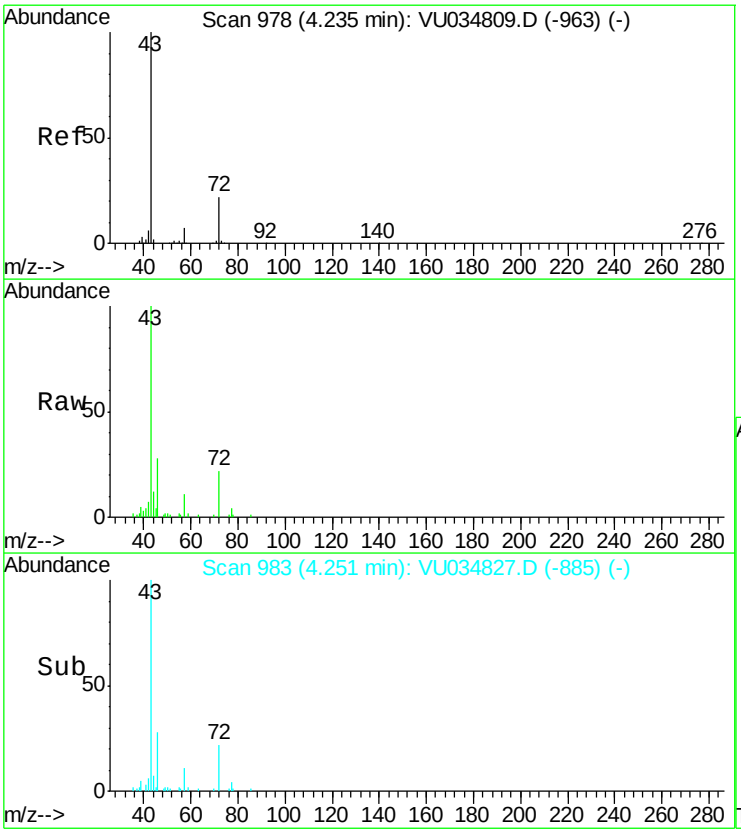
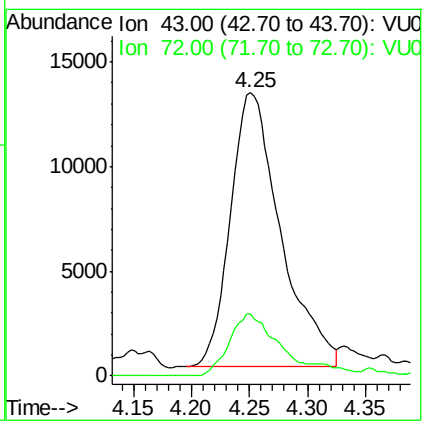
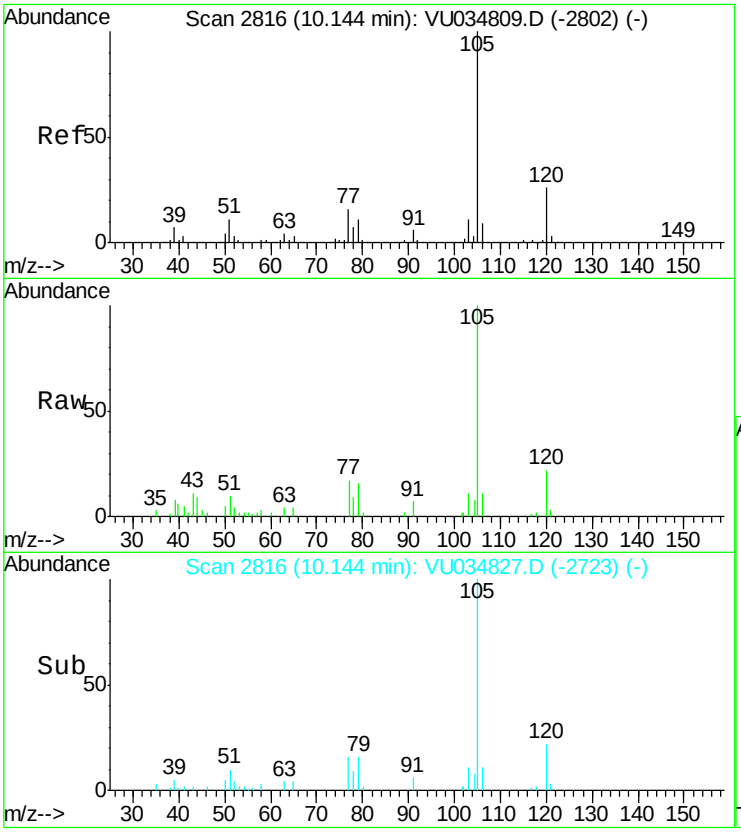


#22
2-Butanone
Concen: 8.148 ug/L
RT: 4.25 min Scan# 983
Delta R.T. 0.02 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion: 43 Resp: 39676

Ion	Ratio	Lower	Upper
43	100		
72	21.3	10.2	30.6

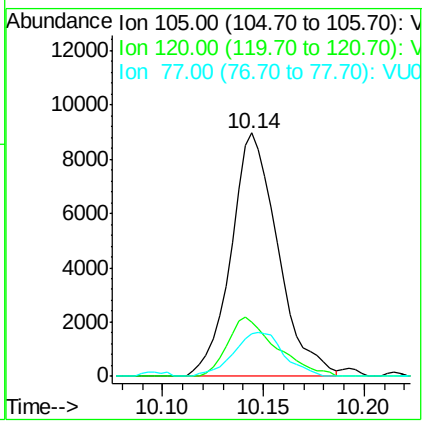




#56
Isopropylbenzene
Concen: 0.842 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion:105 Resp: 14581

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.4	30.6
77	19.4	14.2	21.4



Instrument :
MSVOA_U
ClientSampleId :
BFDK7

Manual Integrations APPROVED
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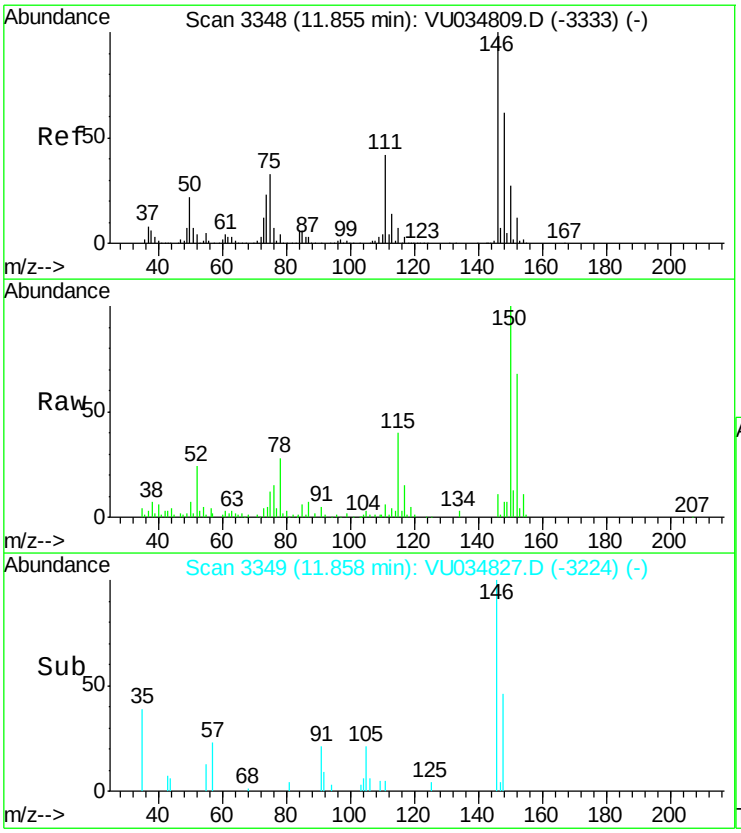

#65
1,2-Dichlorobenzene
Concen: 0.833 ug/L
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion:146 Resp: 5854

Ion	Ratio	Lower	Upper
146	100		
111	51.0	35.2	52.8
148	60.8	53.0	79.6