Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121619\
Data File : VU036238.D
Acq On : 16 Dec 2019 16:55
Operator : JC/MD
Sample : K6240-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQX8

Quant Time: Dec 17 03:22:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92445	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	85139	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.93	69	82634	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.59	63	89074	3.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.20%			
20) 2-Butanone-d5	4.69	46	206994	55.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.38%			
24) Chloroform-d	5.11	84	153517	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.75	65	85790	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.77	84	280767	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.73	67	94455	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.93	98	229040	3.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%			
43) trans-1,3-Dichloropropene-	8.21	79	36604	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.67	63	158465	49.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.96%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	94891	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	92665	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
13) Acetone	2.66	43	112670	34.781	ug/L	99
15) Methyl Acetate	3.00	43	2405	0.367	ug/L	97
16) Methylene chloride	3.08	84	6020	0.245	ug/L	85
21) 2-Butanone	4.77	43	29396	6.791	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	24118	2.288	ug/L #	86
42) Toluene	8.01	91	10664	0.126	ug/L	97

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

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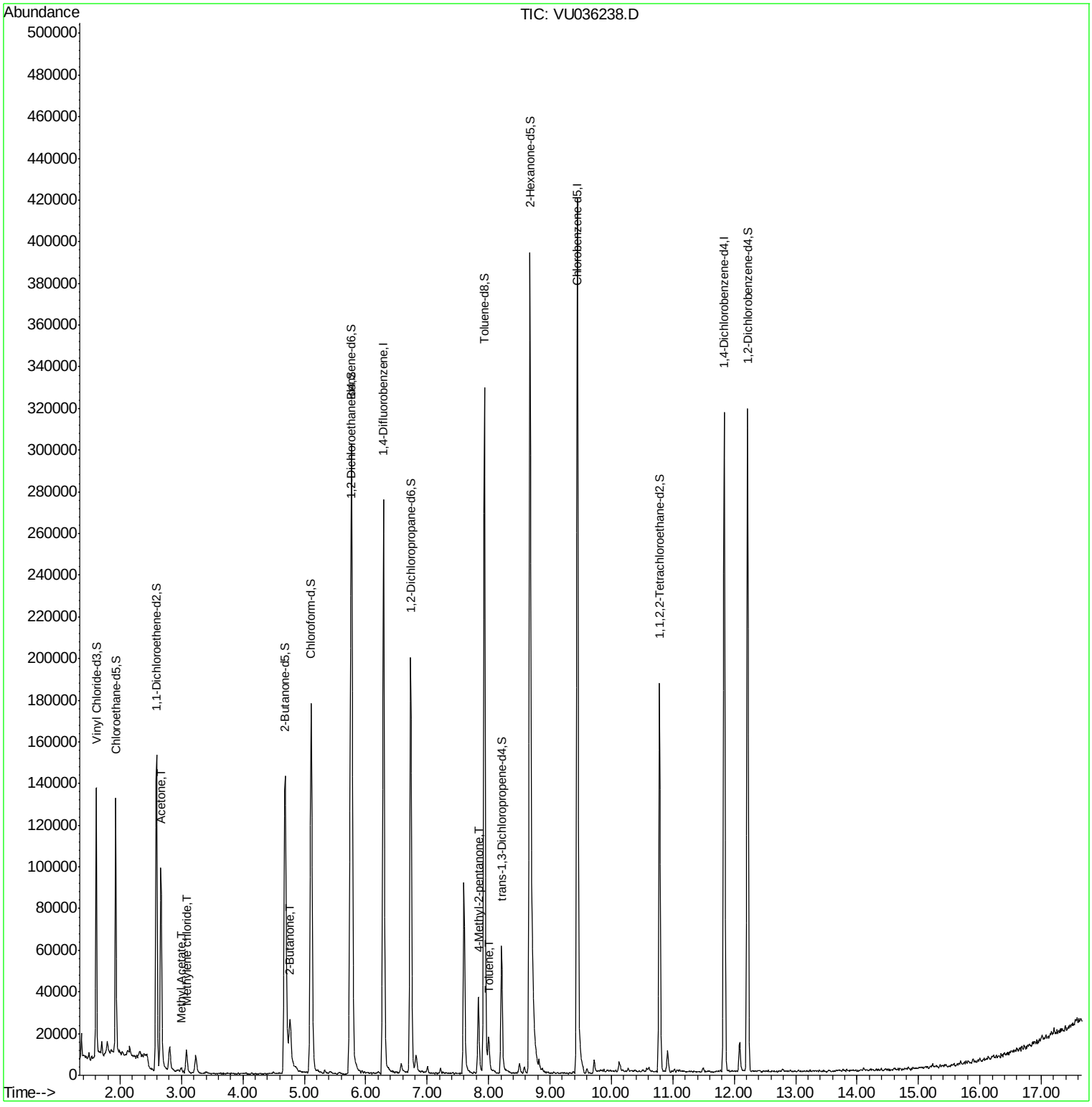
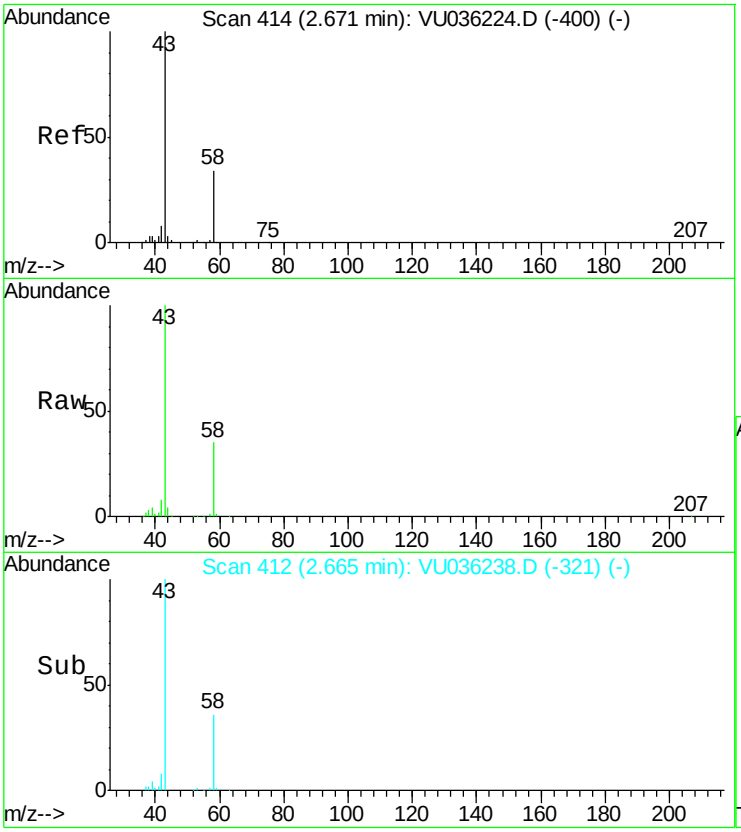


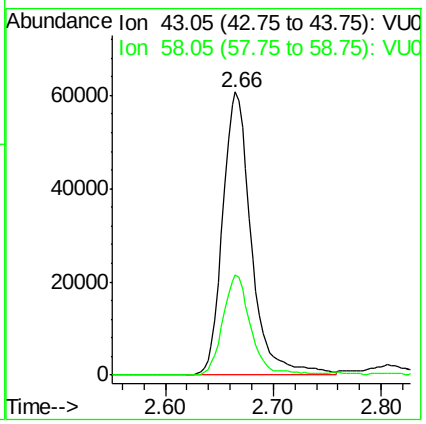


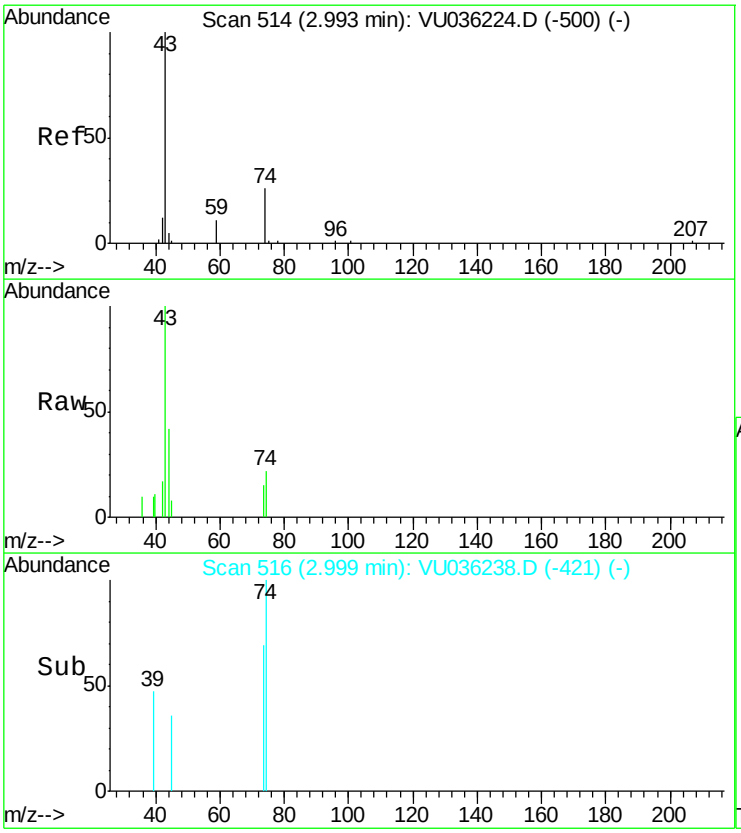
#13
Acetone
Concen: 34.781 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU036238.D
Acq: 16 Dec 2019 16:55

Instrument :
MSVOA_U
ClientSampleId :
BFQX8

Tgt Ion: 43 Resp: 112670

Ion	Ratio	Lower	Upper
43	100		
58	34.1	0.0	67.6

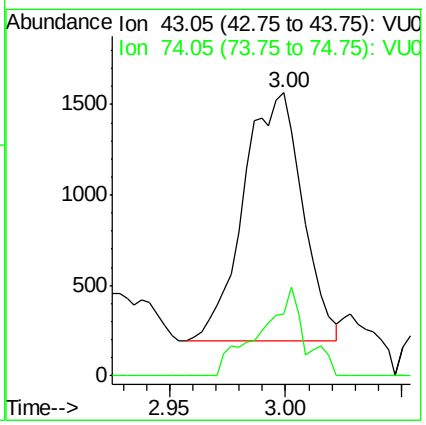


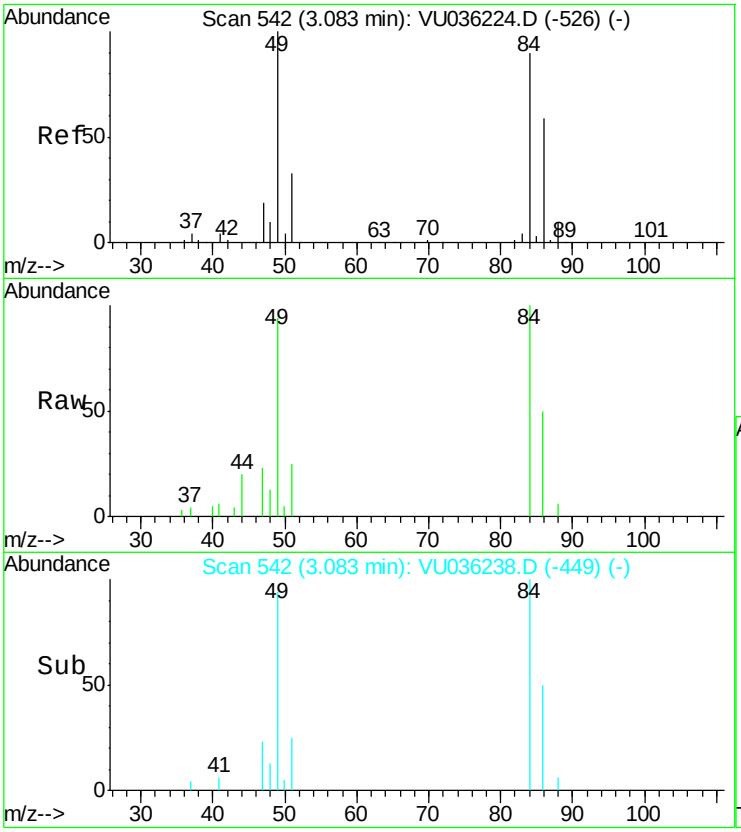


#15
Methyl Acetate
Concen: 0.367 ug/L
RT: 3.00 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU036238.D
Acq: 16 Dec 2019 16:55

Tgt Ion: 43 Resp: 2405

Ion	Ratio	Lower	Upper
43	100		
74	27.4	20.8	31.2



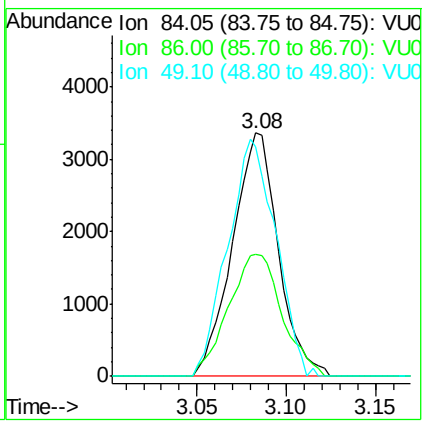


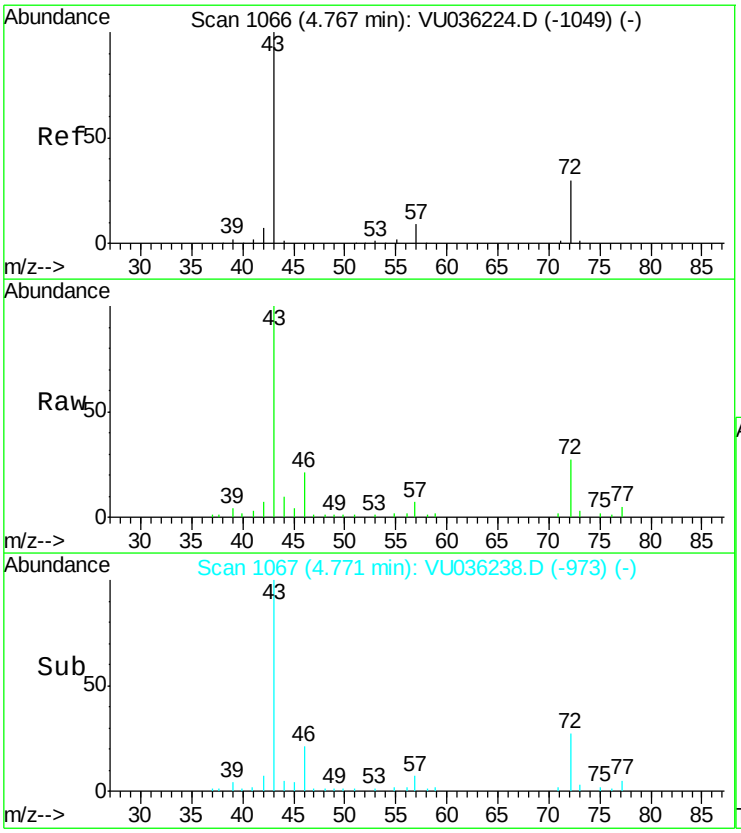
#16
Methylene chloride
Concen: 0.245 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036238.D
Acq: 16 Dec 2019 16:55

Instrument : MSVOA_U
ClientSampleId : BFQX8

Tgt Ion: 84 Resp: 6020

Ion	Ratio	Lower	Upper
84	100		
86	50.0	43.0	79.8
49	94.2	77.3	143.5

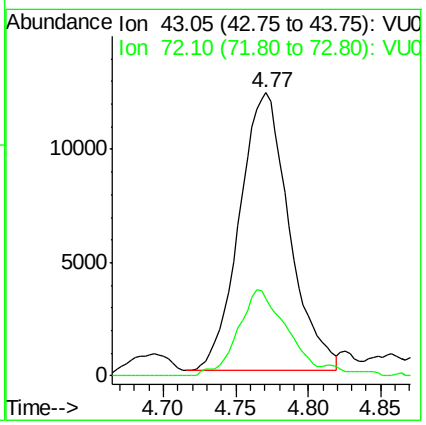


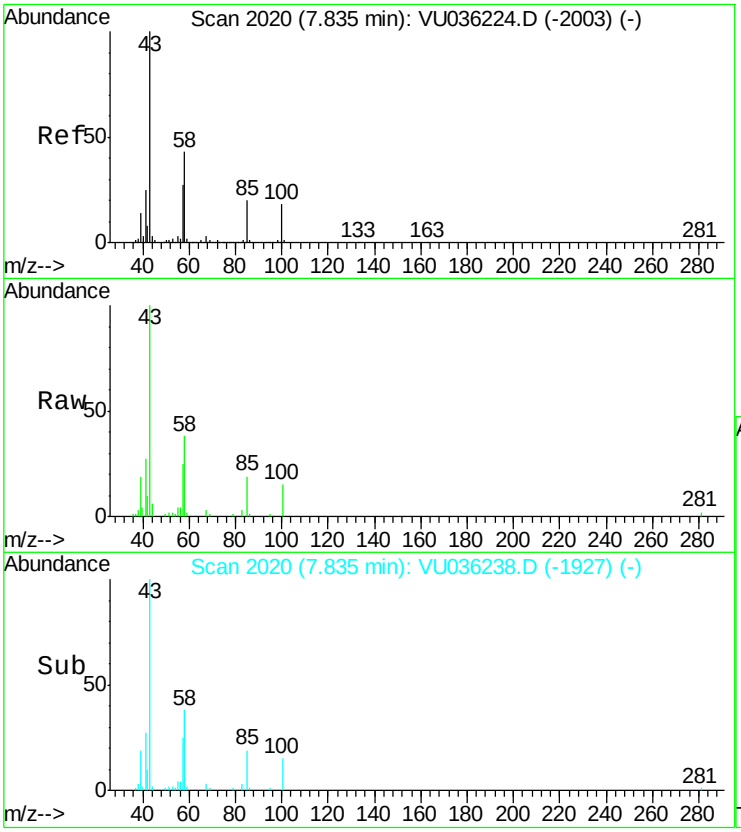


#21
2-Butanone
Concen: 6.791 ug/L
RT: 4.77 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VU036238.D
Acq: 16 Dec 2019 16:55

Tgt Ion: 43 Resp: 29396

Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.4	43.4



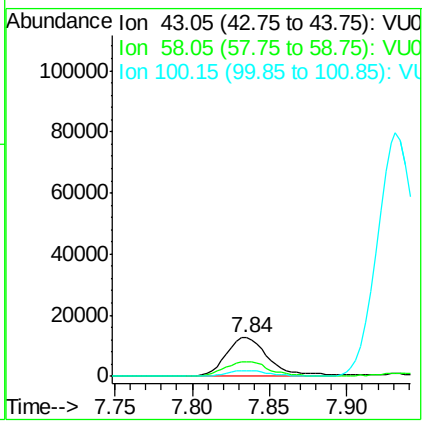


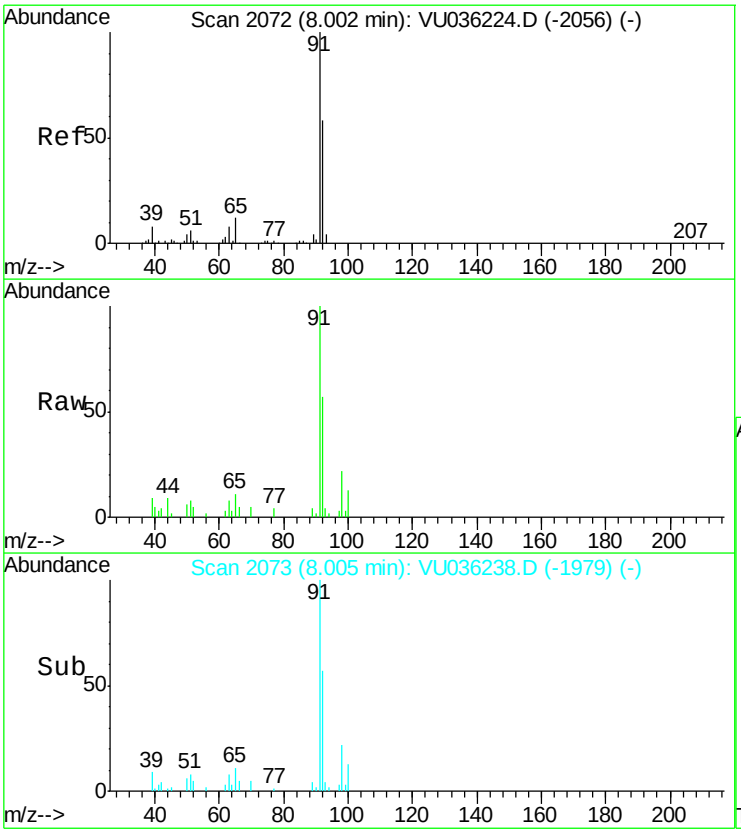
#40
4-Methyl-2-pentanone
Concen: 2.288 ug/L
RT: 7.84 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VU036238.D
Acq: 16 Dec 2019 16:55

Instrument : MSVOA_U
ClientSampleId : BFQX8

Tgt Ion: 43 Resp: 24118

Ion	Ratio	Lower	Upper
43	100		
58	39.7	33.3	49.9
100	0.0	13.7	20.5#





#42
Toluene
Concen: 0.126 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036238.D
Acq: 16 Dec 2019 16:55

Tgt Ion: 91 Resp: 10664

Ion	Ratio	Lower	Upper
91	100		
92	56.6	41.2	76.6