Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032938.D
Acq On : 21 Jun 2019 12:34
Operator : JC/SP
Sample : K3463-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TB-062019-01

Quant Time: Jun 22 00:35:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183779	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	178392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84710	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48267	38.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.86%			
7) Chloroethane-d5	1.68	69	42781	42.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.42%			
11) 1,1-Dichloroethene-d2	2.26	63	76022	30.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.10%			
21) 2-Butanone-d5	4.17	46	108947	104.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.22%			
24) Chloroform-d	4.64	84	111520	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.34%			
26) 1,2-Dichloroethane-d4	5.30	65	78267	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.24%			
32) Benzene-d6	5.33	84	206277	44.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.72%			
36) 1,2-Dichloropropane-d6	6.33	67	69924	47.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.40%			
41) Toluene-d8	7.56	98	179755	41.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.56%			
43) trans-1,3-Dichloropropene-	7.85	79	33312	43.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.46%			
47) 2-Hexanone-d5	8.31	63	65166	94.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.21%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	106941	46.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	77017	46.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.96%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	653	0.680	ug/L #	1
13) Acetone	2.32	43	4404	3.050	ug/L	95
27) 1,2-Dichloroethane	5.33	62	1208	0.596	ug/L #	77
35) Methylcyclohexane	6.33	83	16109	7.590	ug/L #	18
40) 4-Methyl-2-pentanone	7.46	43	1107	0.492	ug/L #	81
44) trans-1,3-Dichloropropene	7.84	75	1832	0.888	ug/L	96

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

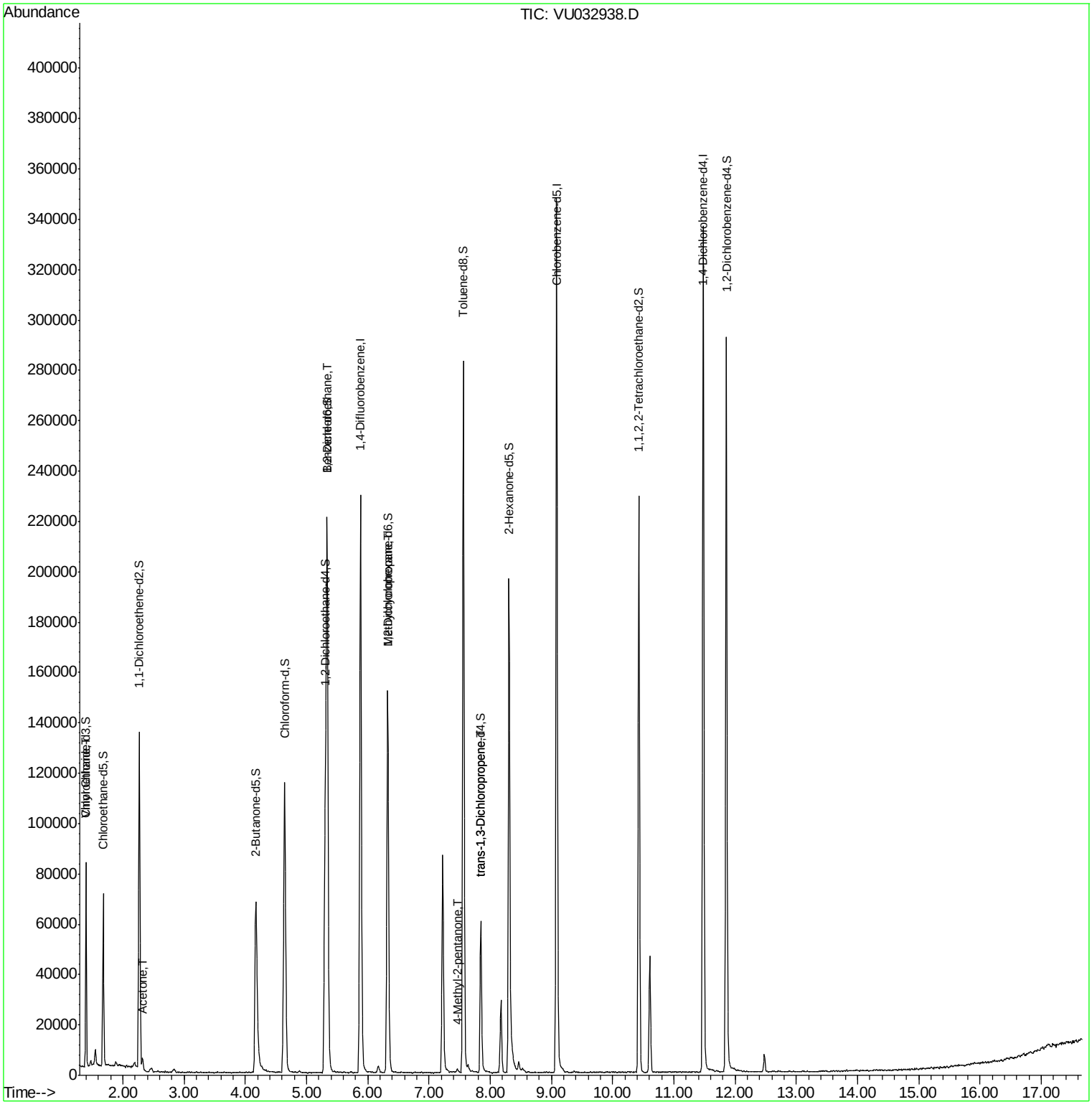
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

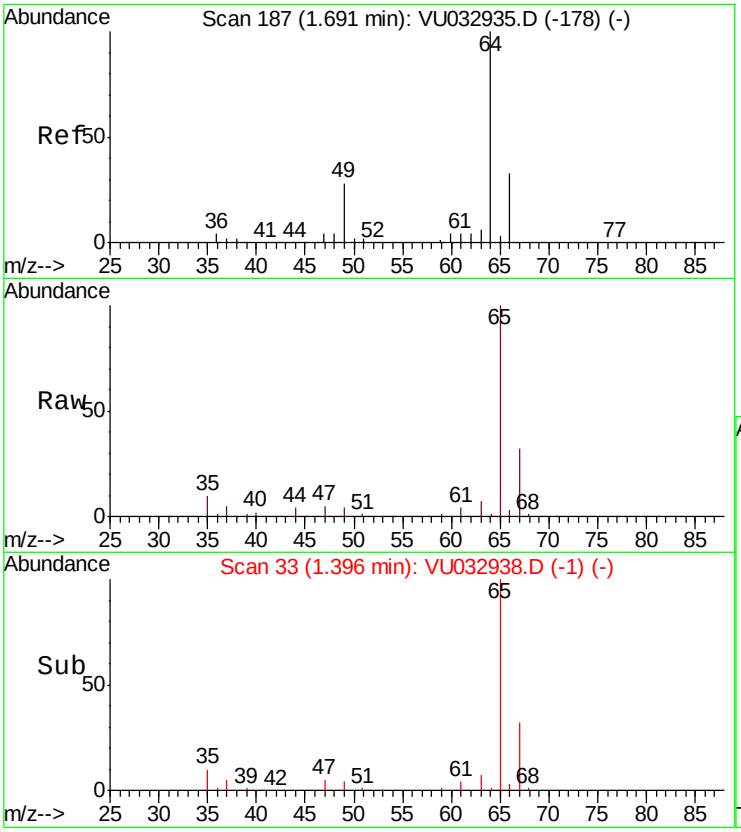
Quantitation Report (Not Reviewed)

Data File : VU032938.D
Acq On : 21 Jun 2019 12:34
Operator : JC/SP
Sample : K3463-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TB-062019-01

Quant Time: Jun 22 00:35:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration



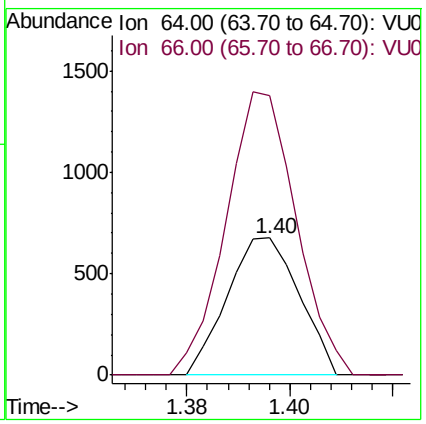


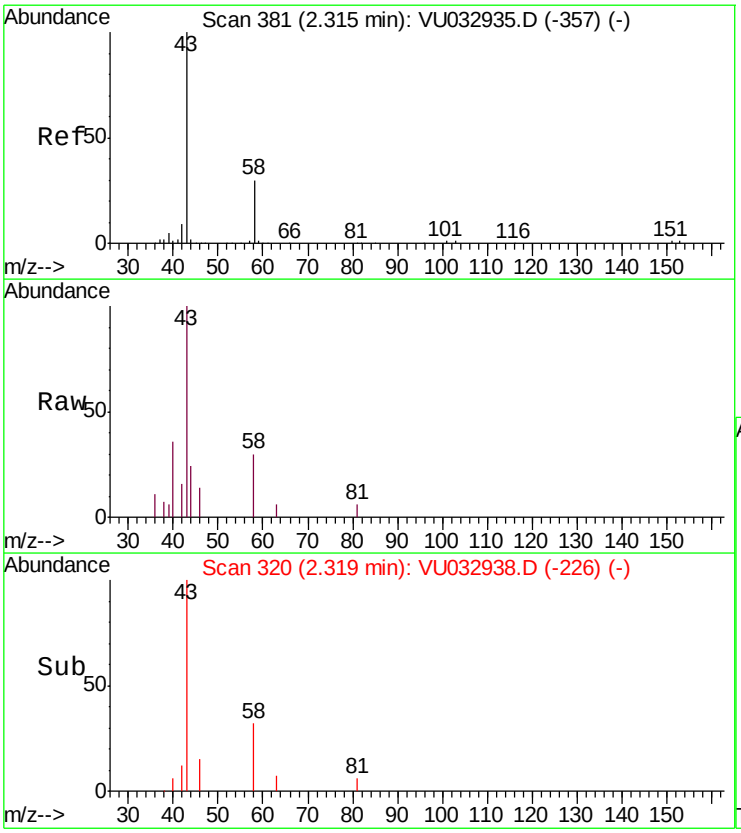
#8
Chloroethane
Concen: 0.680 ug/L
RT: 1.40 min Scan# 33
Delta R.T. -0.30 min
Lab File: VU032938.D
Acq: 21 Jun 2019 12:34

Instrument : MSVOA_U
ClientSampleId : TB-062019-01

Tgt Ion: 64 Resp: 653

Ion	Ratio	Lower	Upper
64	100		
66	203.8	22.5	41.7#

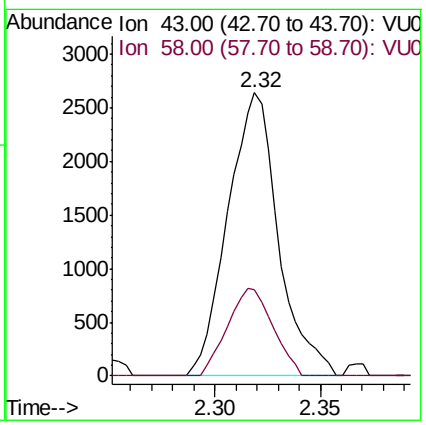


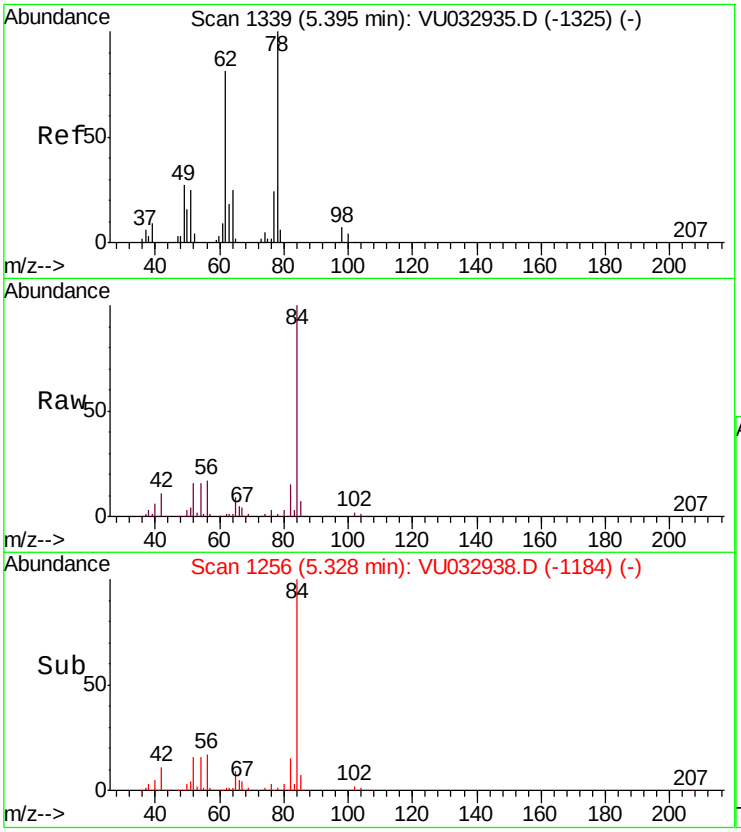


#13
Acetone
Concen: 3.050 ug/L
RT: 2.32 min Scan# 320
Delta R.T. 0.00 min
Lab File: VU032938.D
Acq: 21 Jun 2019 12:34

Tgt Ion: 43 Resp: 4404

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	60.6



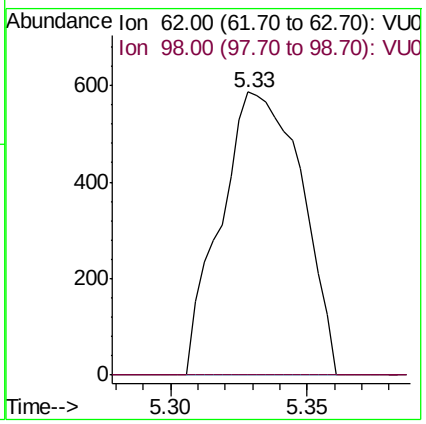


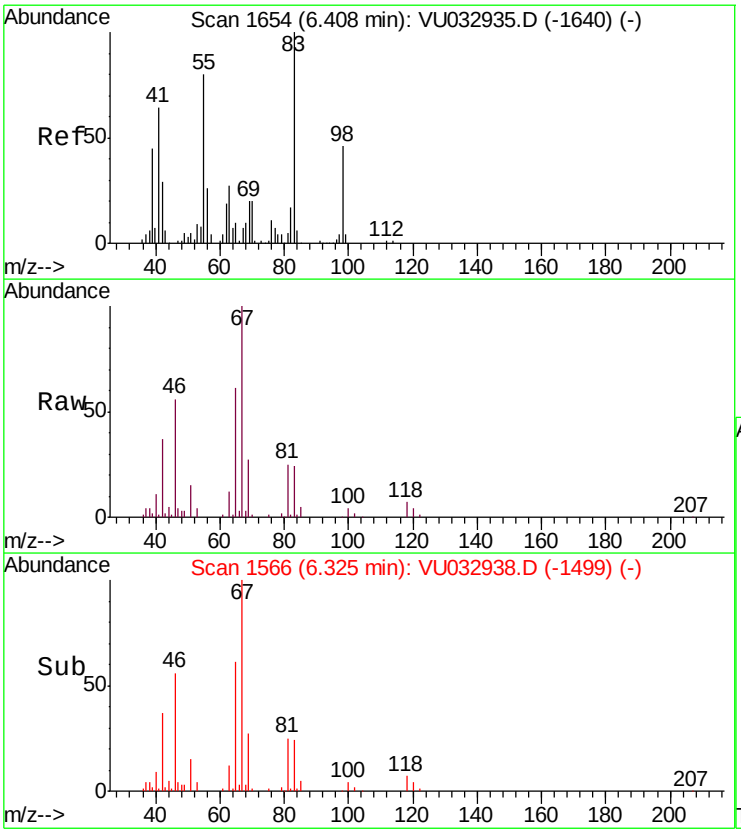
#27
1,2-Dichloroethane
Concen: 0.596 ug/L
RT: 5.33 min Scan# 1256
Delta R.T. -0.07 min
Lab File: VU032938.D
Acq: 21 Jun 2019 12:34

Instrument : MSVOA_U
ClientSampleId : TB-062019-01

Tgt Ion: 62 Resp: 1208

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

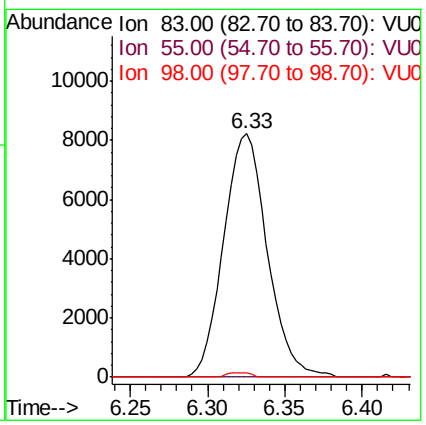


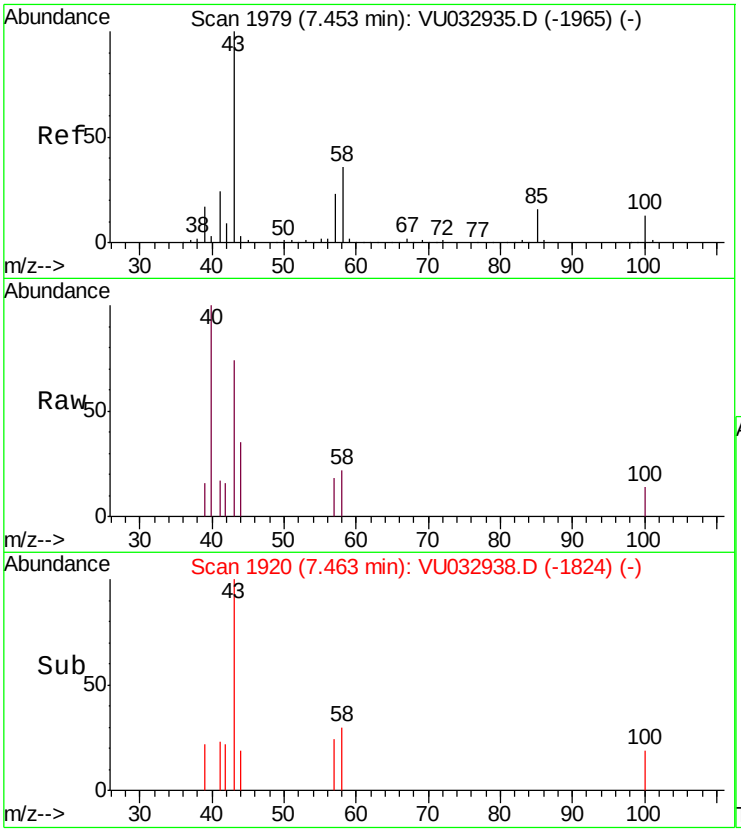


#35
Methylcyclohexane
Concen: 7.590 ug/L
RT: 6.33 min Scan# 1566
Delta R.T. -0.08 min
Lab File: VU032938.D
Acq: 21 Jun 2019 12:34

Tgt Ion: 83 Resp: 16109

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.9	37.4	56.0#



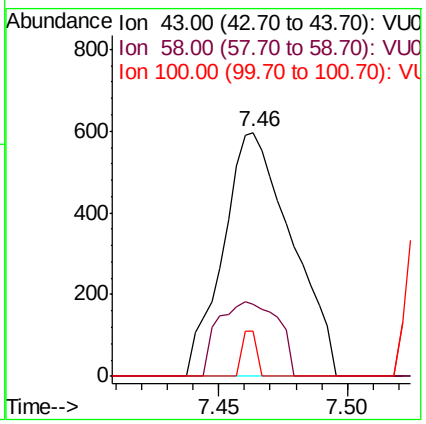


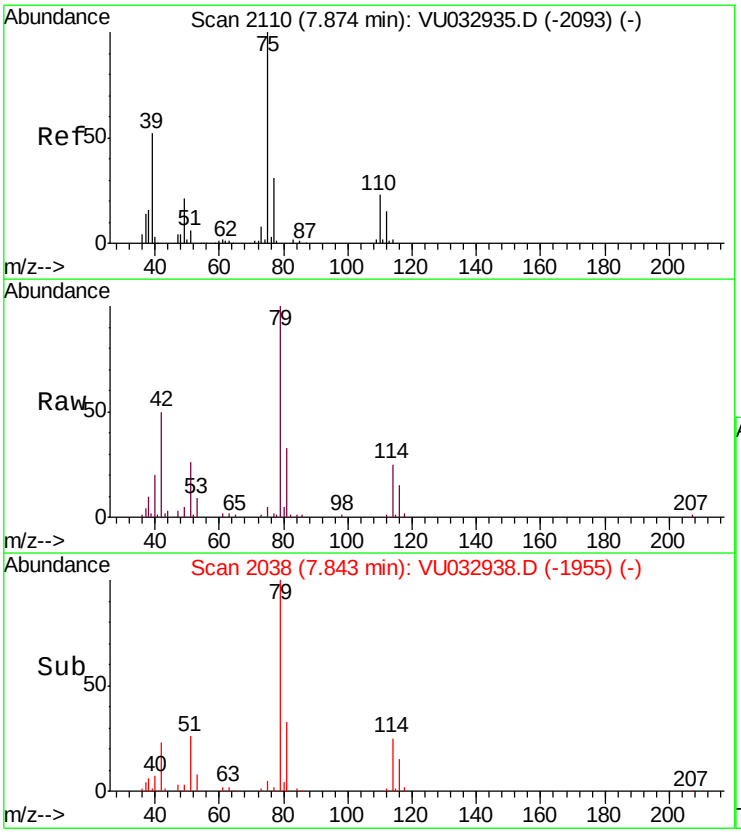
#40
4-Methyl-2-pentanone
Concen: 0.492 ug/L
RT: 7.46 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VU032938.D
Acq: 21 Jun 2019 12:34

Instrument : MSVOA_U
ClientSampleId : TB-062019-01

Tgt Ion: 43 Resp: 1107

Ion	Ratio	Lower	Upper
43	100		
58	26.6	29.4	44.2#
100	3.9	11.2	16.8#





#44
trans-1,3-Dichloropropene
Concen: 0.888 ug/L
RT: 7.84 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VU032938.D
Acq: 21 Jun 2019 12:34

Tgt Ion: 75 Resp: 1832

Ion	Ratio	Lower	Upper
75	100		
77	29.1	21.8	40.4