Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120519\
Data File : VU035989.D
Acq On : 05 Dec 2019 13:08
Operator : JC/SP
Sample : K6132-09RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQX6RE

Quant Time: Dec 06 01:11:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	274770	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71936	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	134350	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.93	69	116617	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.59	63	154111	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	4.69	46	204065	36.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.58%			
24) Chloroform-d	5.11	84	202547	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.75	65	108046	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.77	84	411668	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.73	67	134696	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.93	98	339602	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	8.22	79	44599	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.70	63	170933	37.10	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.20%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102322	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	80948	5.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.00%			
Target Compounds						Qvalue
13) Acetone	2.66	43	114058	22.745	ug/L	97
15) Methyl Acetate	2.98	43	3044	0.339	ug/L #	73
16) Methylene chloride	3.08	84	8635	0.283	ug/L	92
21) 2-Butanone	4.77	43	31370	4.873	ug/L	95
40) 4-Methyl-2-pentanone	7.84	43	26342	1.741	ug/L #	87
42) Toluene	8.01	91	13235	0.133	ug/L	98

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

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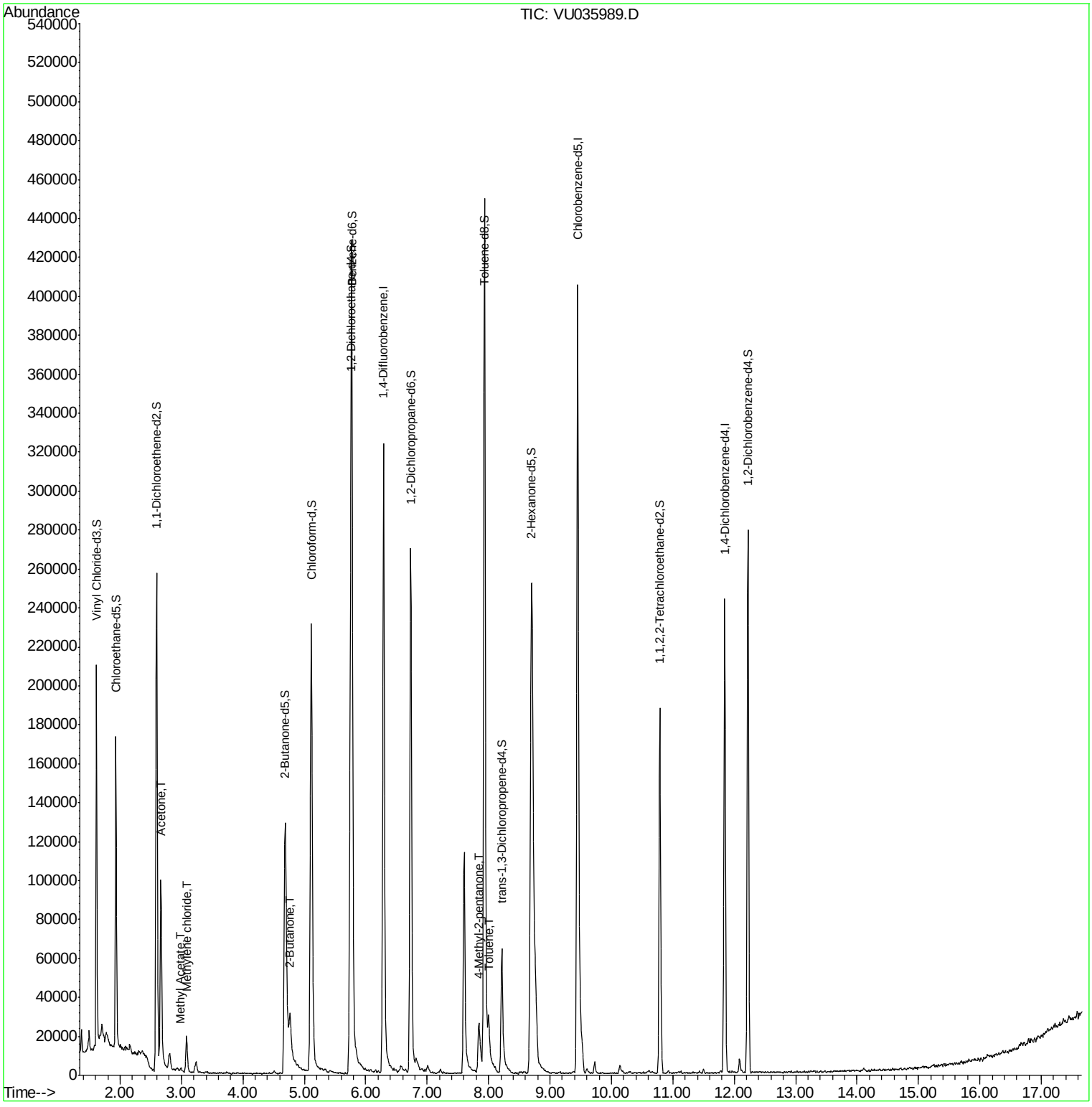
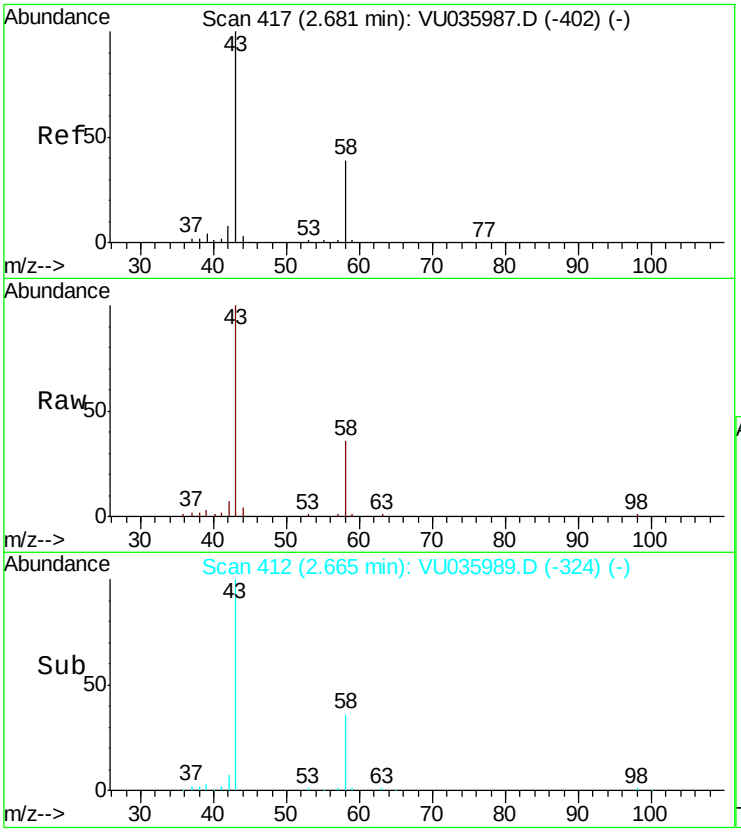


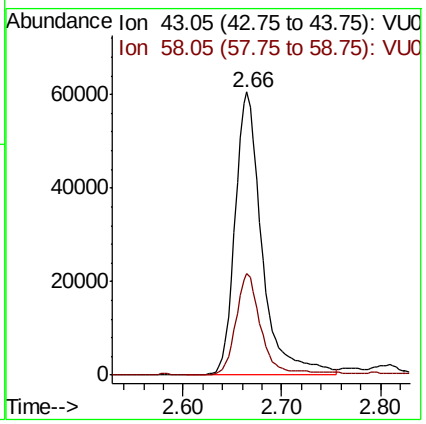


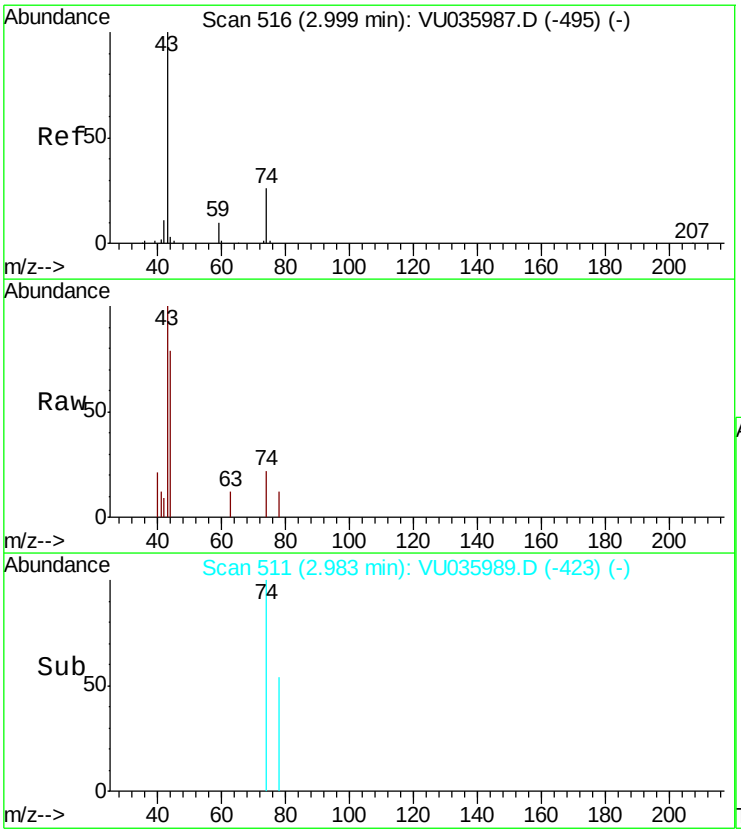
#13
Acetone
Concen: 22.745 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.02 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Instrument :
MSVOA_U
ClientSampleId :
BFQX6RE

Tgt Ion: 43 Resp: 114058

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	68.6

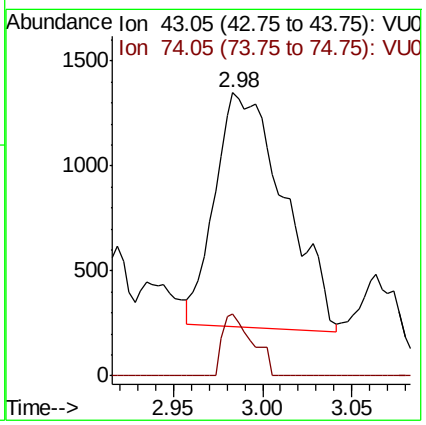


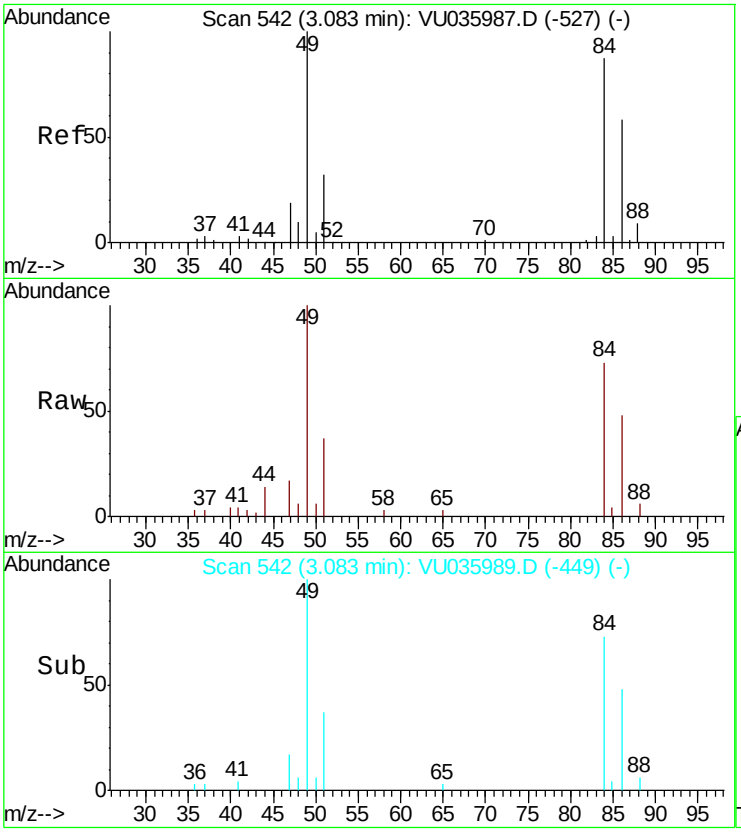


#15
Methyl Acetate
Concen: 0.339 ug/L
RT: 2.98 min Scan# 511
Delta R.T. -0.02 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Tgt Ion: 43 Resp: 3044

Ion	Ratio	Lower	Upper
43	100		
74	11.4	20.0	30.0#



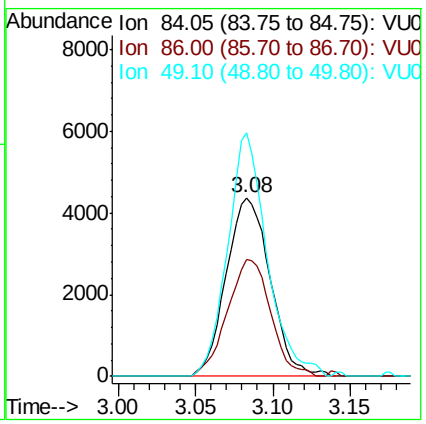


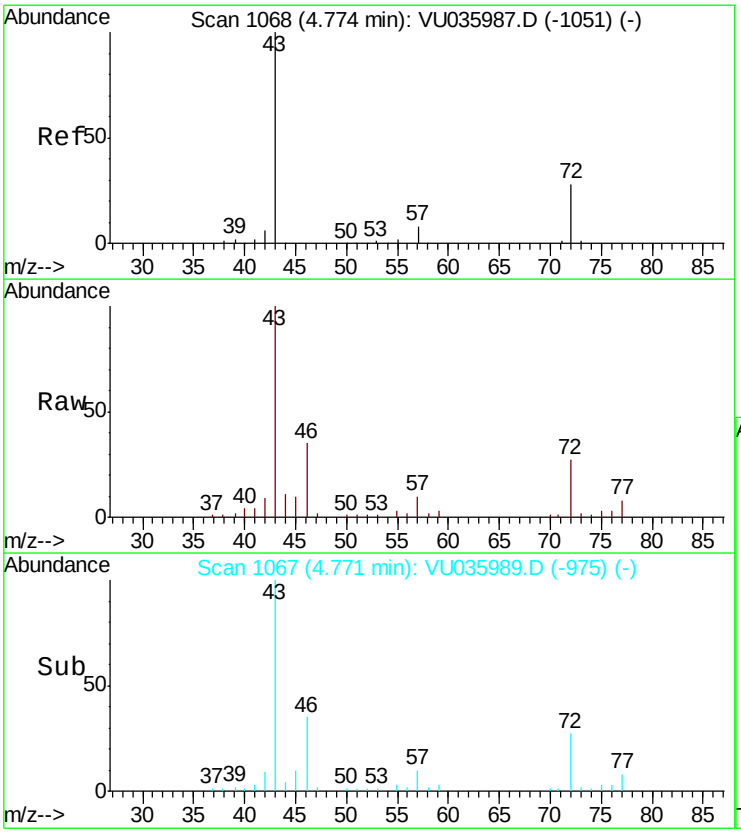
#16
Methylene chloride
Concen: 0.283 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Instrument : MSVOA_U
ClientSampleId : BFQX6RE

Tgt Ion: 84 Resp: 8635

Ion	Ratio	Lower	Upper
84	100		
86	65.6	44.7	82.9
49	136.3	86.2	160.2

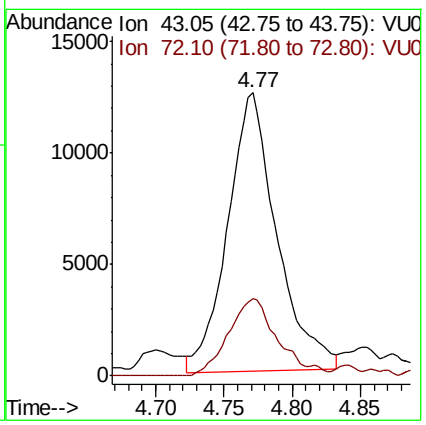


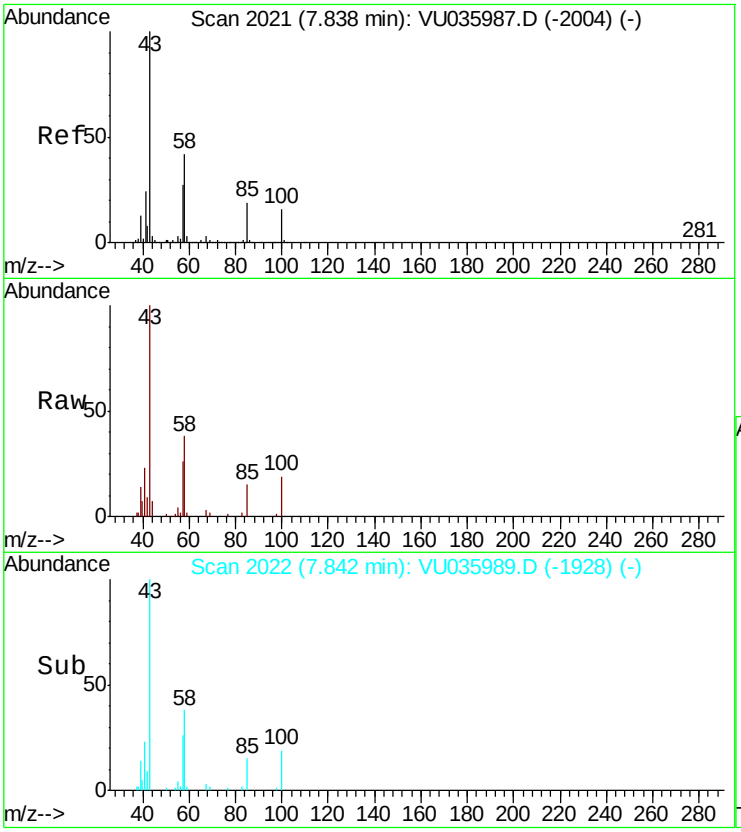


#21
2-Butanone
Concen: 4.873 ug/L
RT: 4.77 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Tgt Ion: 43 Resp: 31370

Ion	Ratio	Lower	Upper
43	100		
72	27.7	12.6	37.8



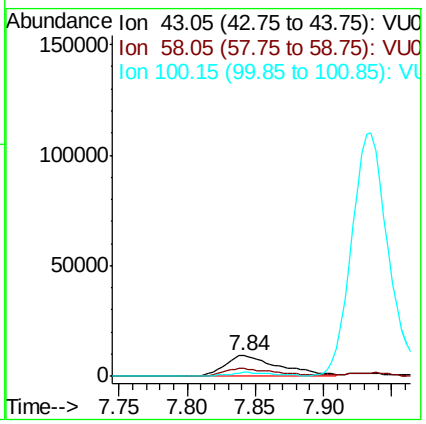


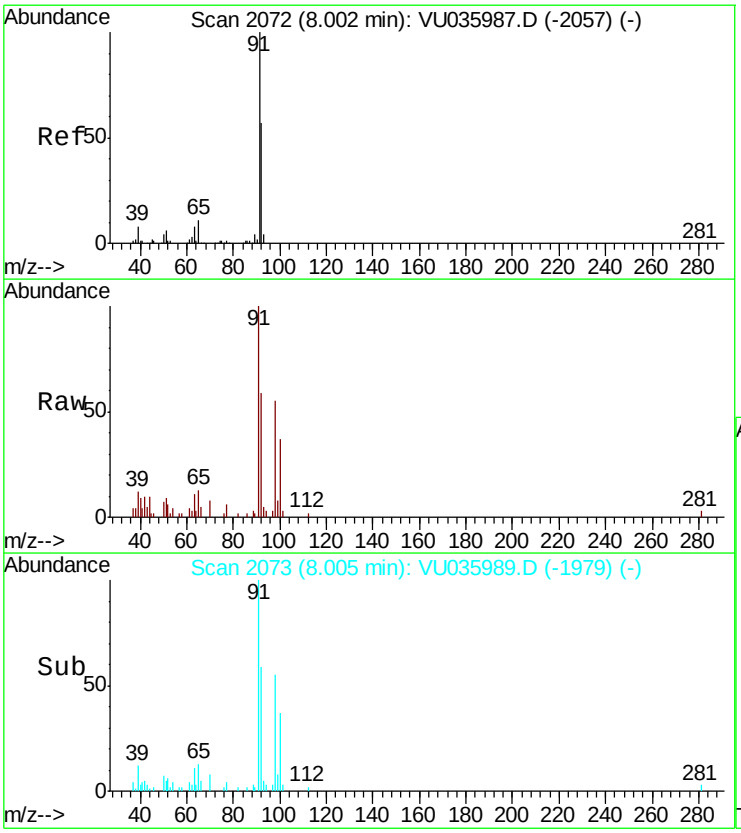
#40
4-Methyl-2-pentanone
Concen: 1.741 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. 0.00 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Instrument : MSVOA_U
ClientSampleId : BFQX6RE

Tgt Ion: 43 Resp: 26342

Ion	Ratio	Lower	Upper
43	100		
58	37.3	32.3	48.5
100	0.0	11.7	17.5#





#42
Toluene
Concen: 0.133 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035989.D
Acq: 05 Dec 2019 13:08

Tgt Ion: 91 Resp: 13235

Ion	Ratio	Lower	Upper
91	100		
92	58.7	39.8	74.0