Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120619\
Data File : VU036026.D
Acq On : 06 Dec 2019 16:27
Operator : JC/SP
Sample : K6167-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQX7

Quant Time: Dec 06 23:58:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	286264	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	80861	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	135524	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%			
7) Chloroethane-d5	1.93	69	137893	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.40%			
11) 1,1-Dichloroethene-d2	2.59	63	154447	3.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.00%			
20) 2-Butanone-d5	4.68	46	217318	37.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.22%			
24) Chloroform-d	5.11	84	201584	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.75	65	106799	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.77	84	414697	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.73	67	128609	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.93	98	352783	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	8.21	79	47547	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.67	63	176643	39.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.90%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100087	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	88495	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	3891	0.115	ug/L	97
6) Bromomethane	1.87	94	2527	0.129	ug/L	96
13) Acetone	2.66	43	124281	23.789	ug/L	99
15) Methyl Acetate	2.99	43	4636	0.495	ug/L	94
16) Methylene chloride	3.08	84	6597	0.208	ug/L	87
21) 2-Butanone	4.77	43	34401	5.129	ug/L	90
40) 4-Methyl-2-pentanone	7.84	43	26435	1.797	ug/L #	88
42) Toluene	8.00	91	13008	0.135	ug/L	89

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

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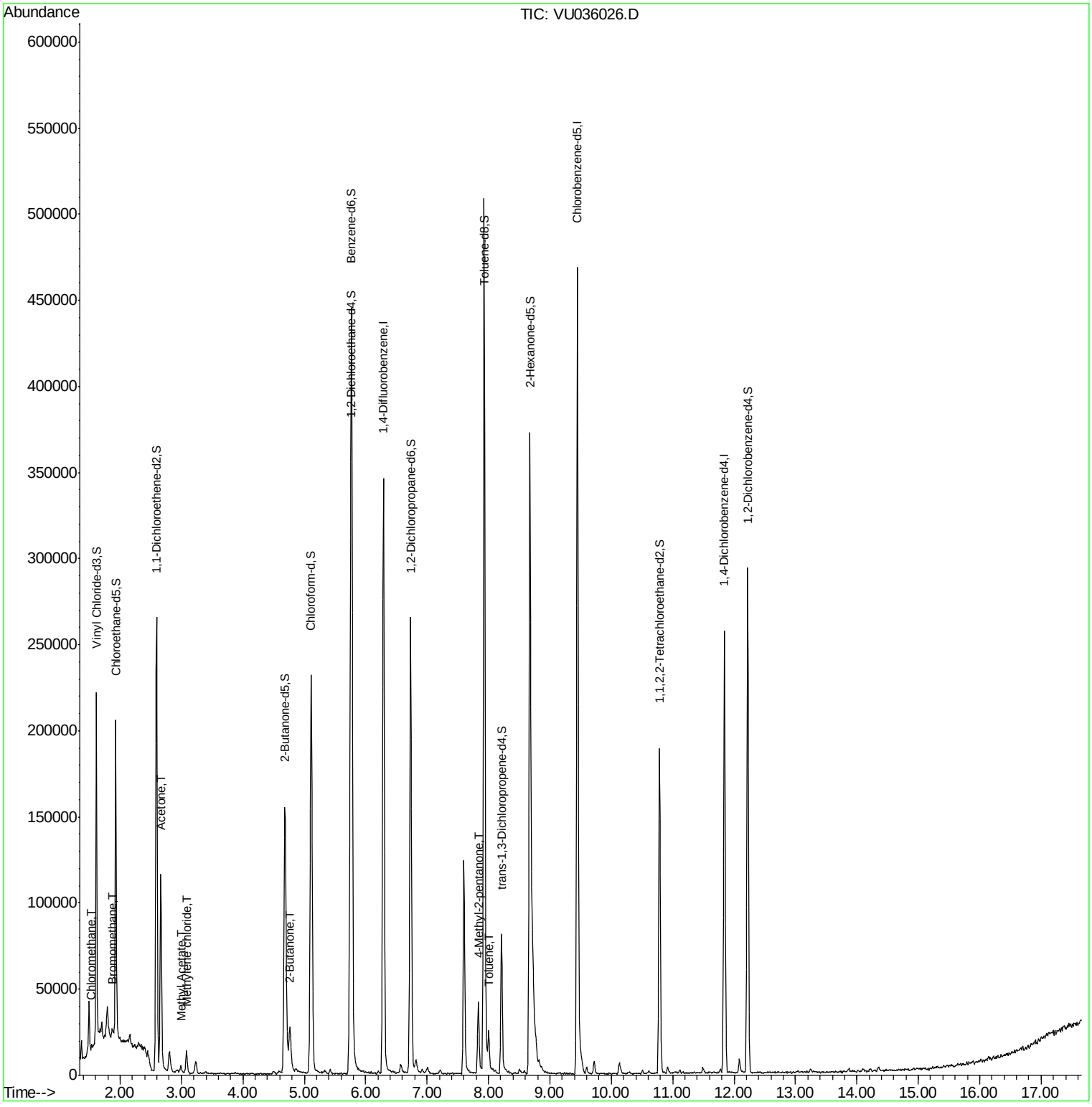
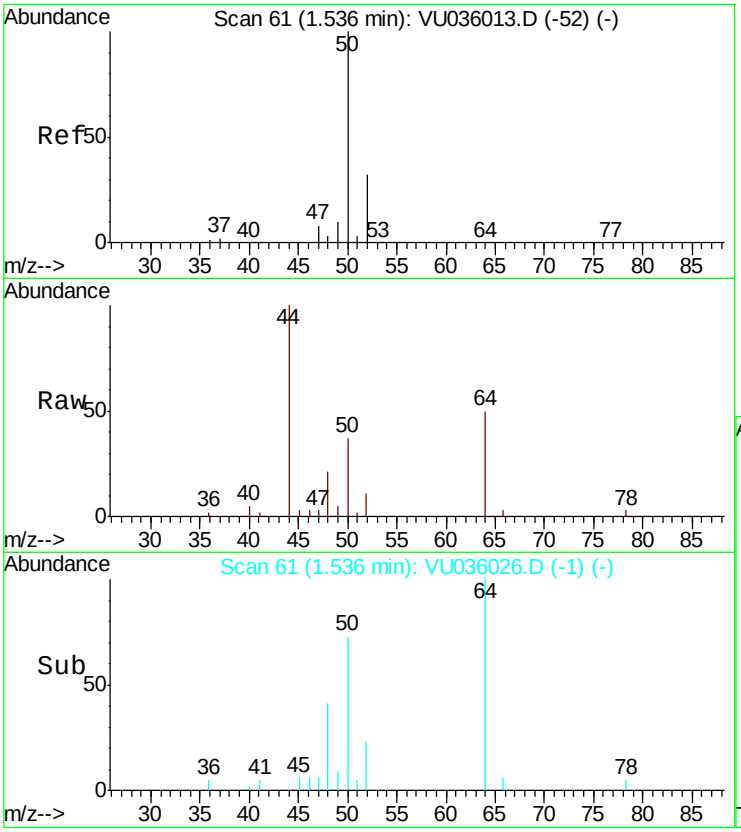


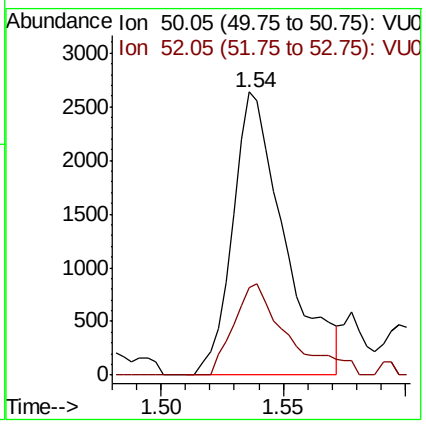


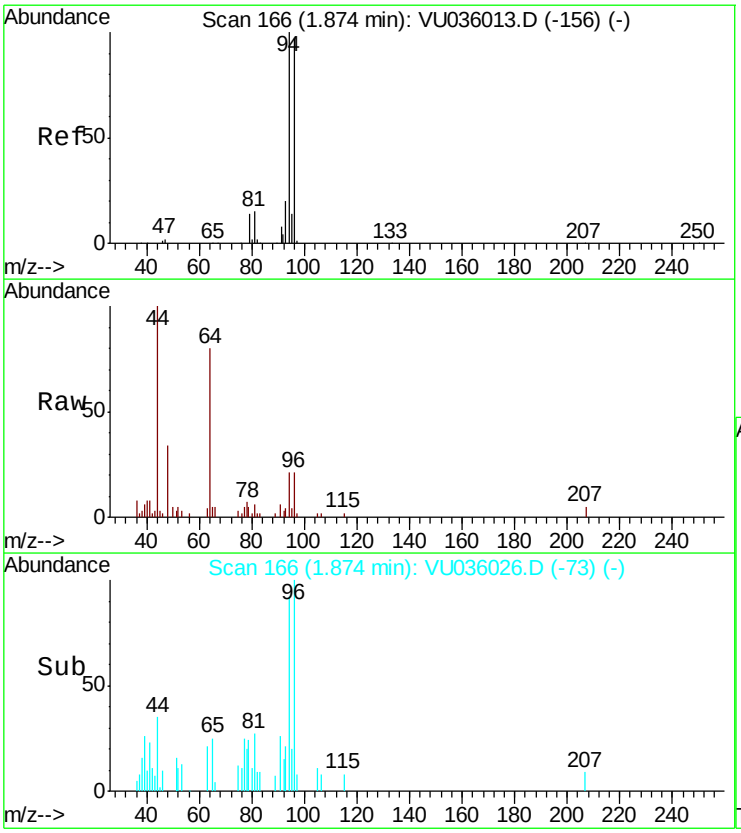
#3
Chloromethane
Concen: 0.115 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Instrument :
MSVOA_U
ClientSampleId :
BFQX7

Tgt Ion: 50 Resp: 3891

Ion	Ratio	Lower	Upper
50	100		
52	31.1	23.1	42.9

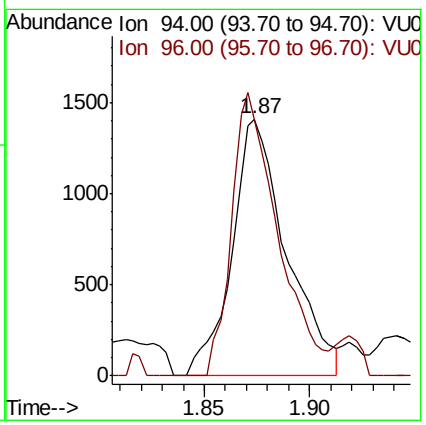


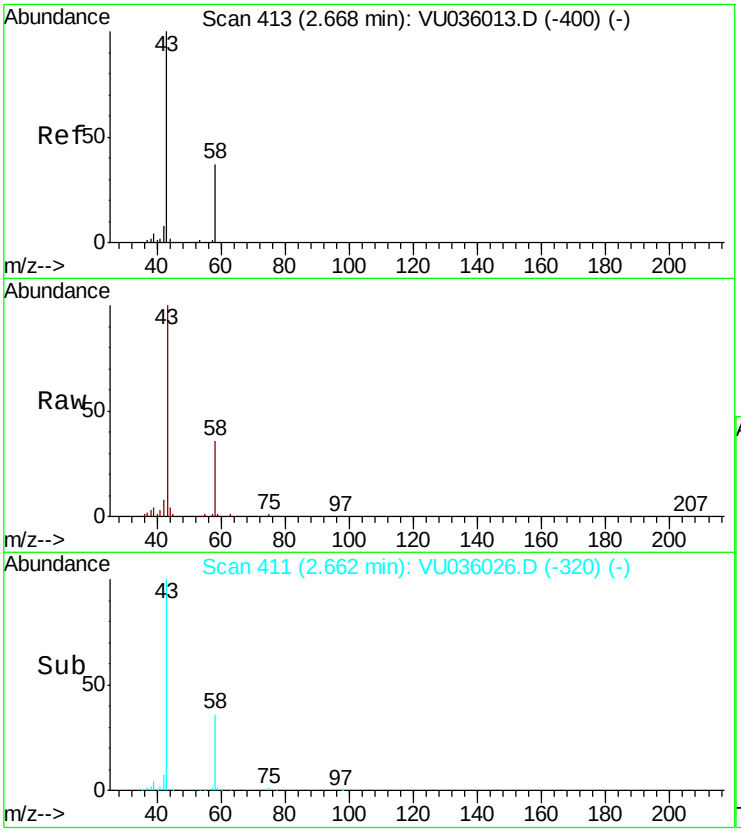


#6
Bromomethane
Concen: 0.129 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Tgt Ion: 94 Resp: 2527

Ion	Ratio	Lower	Upper
94	100		
96	99.9	67.3	124.9



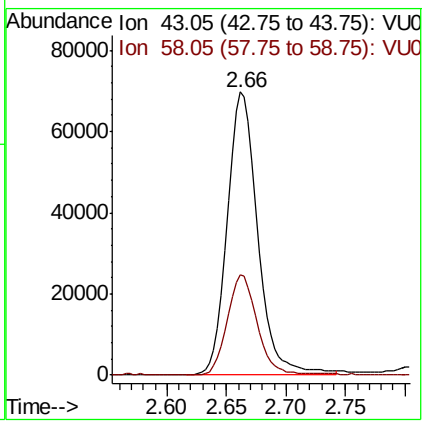


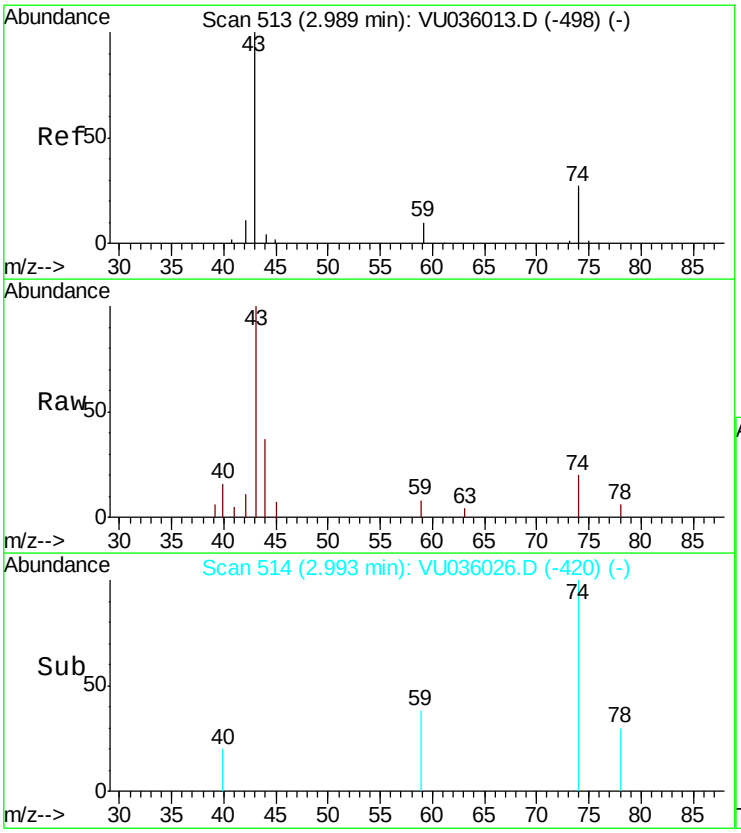
#13
Acetone
Concen: 23.789 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Instrument :
MSVOA_U
ClientSampleId :
BFQX7

Tgt Ion: 43 Resp: 124281

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	68.6

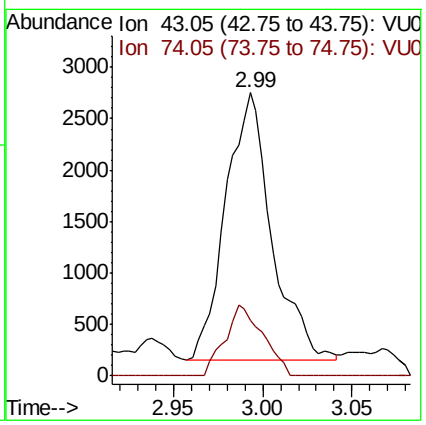


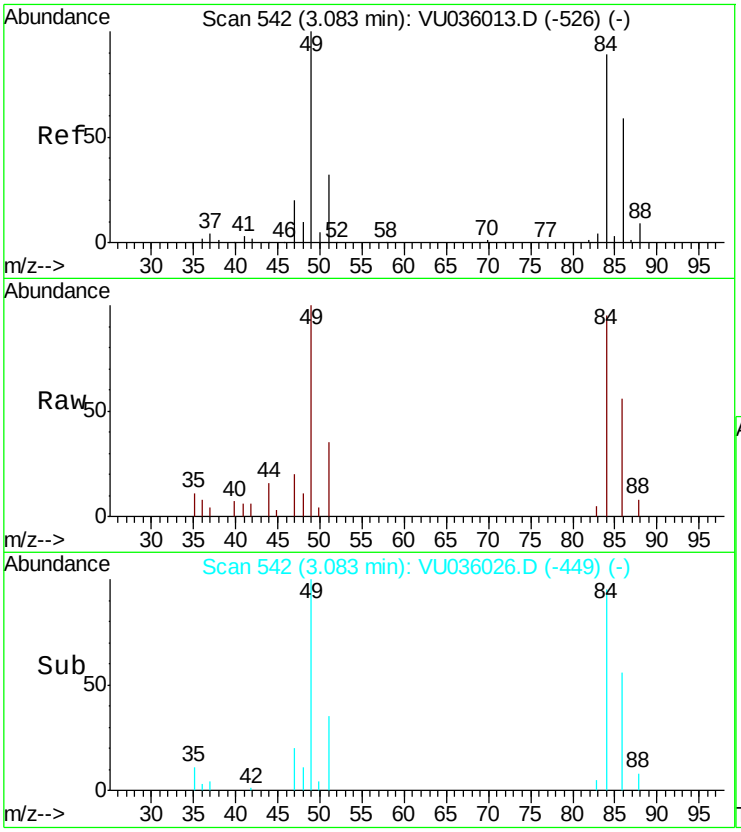


#15
Methyl Acetate
Concen: 0.495 ug/L
RT: 2.99 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Tgt Ion: 43 Resp: 4636

Ion	Ratio	Lower	Upper
43	100		
74	21.9	20.0	30.0



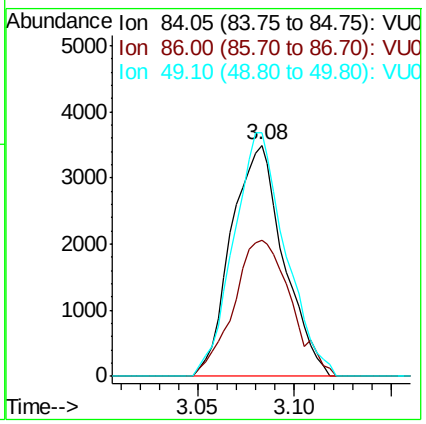


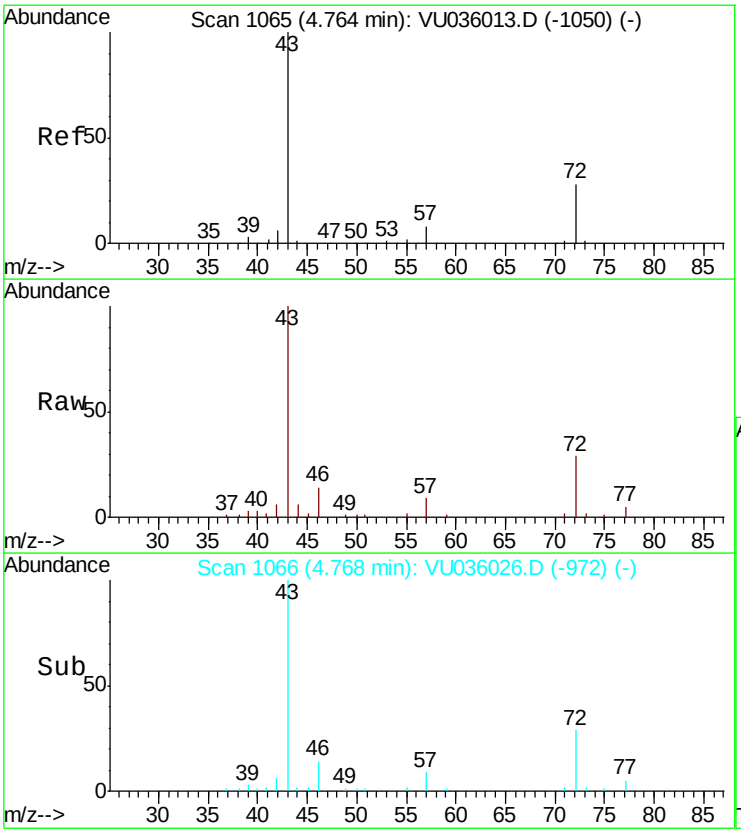
#16
Methylene chloride
Concen: 0.208 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Instrument : MSVOA_U
ClientSampleId : BFQX7

Tgt Ion: 84 Resp: 6597

Ion	Ratio	Lower	Upper
84	100		
86	58.8	44.7	82.9
49	105.2	86.2	160.2

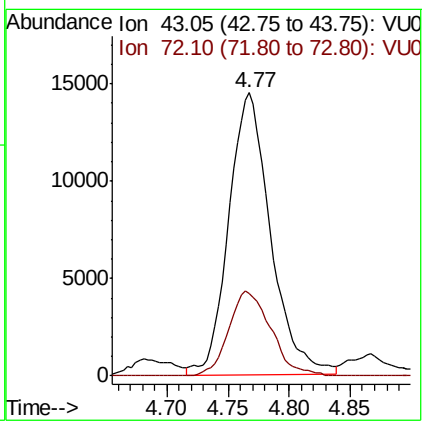


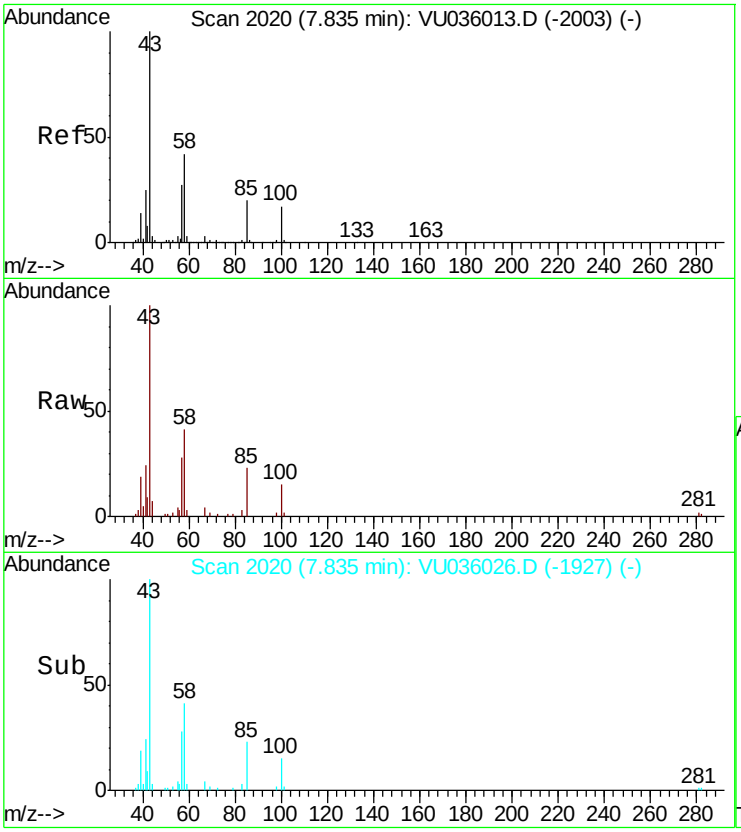


#21
2-Butanone
Concen: 5.129 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Tgt Ion: 43 Resp: 34401

Ion	Ratio	Lower	Upper
43	100		
72	30.4	12.6	37.8



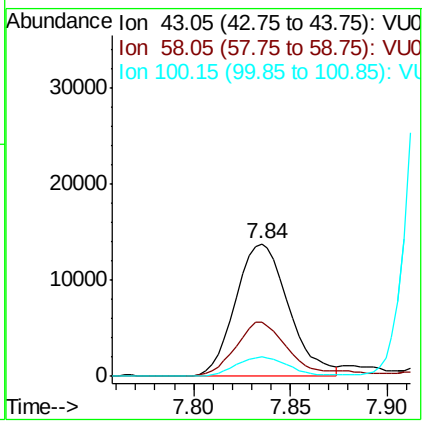


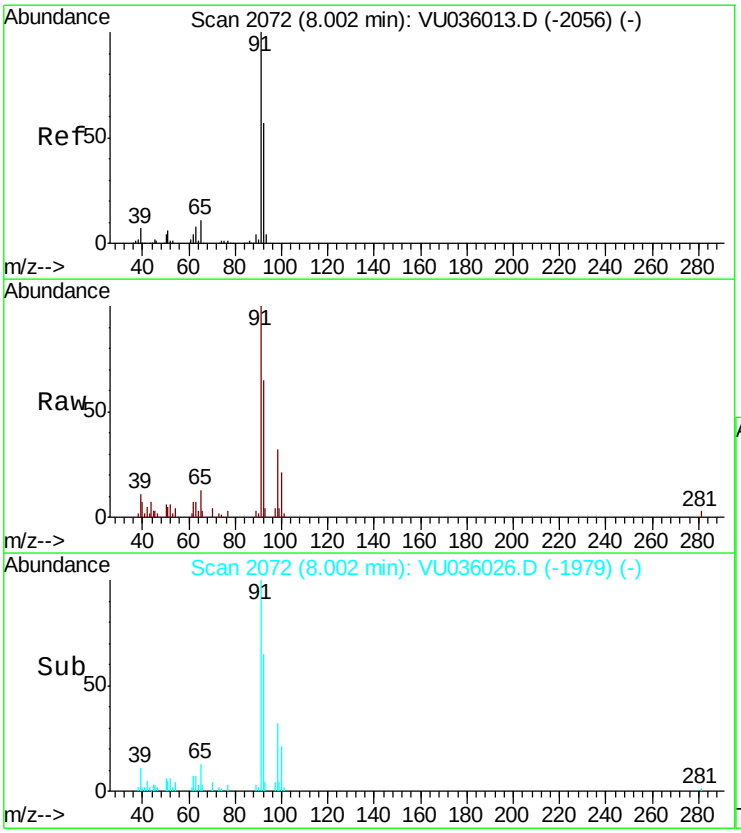
#40
4-Methyl-2-pentanone
Concen: 1.797 ug/L
RT: 7.84 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Instrument : MSVOA_U
ClientSampleId : BFQX7

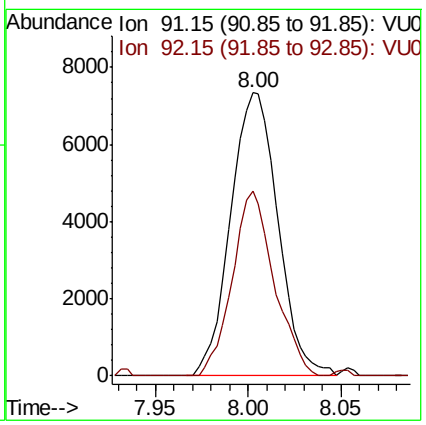
Tgt Ion: 43 Resp: 26435

Ion	Ratio	Lower	Upper
43	100		
58	42.4	32.3	48.5
100	0.0	11.7	17.5#





#42
Toluene
Concen: 0.135 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036026.D
Acq: 06 Dec 2019 16:27

Tgt Ion: 91 Resp: 13008

Ion	Ratio	Lower	Upper
91	100		
92	65.3	39.8	74.0