Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Data File : VU030064.D
Acq On : 14 Mar 2019 11:22
Operator : JC/SP
Sample : K1784-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0962

Quant Time: Mar 15 01:56:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	454600	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224783	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153620	48.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.78%			
7) Chloroethane-d5	1.68	69	122505	48.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.27	63	209572	36.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.90%			
21) 2-Butanone-d5	4.18	46	221632	94.14	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.14%			
24) Chloroform-d	4.65	84	262343	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.08%			
26) 1,2-Dichloroethane-d4	5.31	65	156058	47.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.84%			
32) Benzene-d6	5.34	84	567240	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.94%			
36) 1,2-Dichloropropane-d6	6.33	67	175508	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.02%			
41) Toluene-d8	7.56	98	520117	47.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.94%			
43) trans-1,3-Dichloropropene-	7.85	79	81798	47.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.30%			
47) 2-Hexanone-d5	8.31	63	191165	95.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.39%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	254787	46.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	213852	49.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.22%			
Target Compounds						Qvalue
13) Acetone	2.33	43	105572	38.352	ug/L	99
16) Methylene chloride	2.70	84	2350193	668.439	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	53228	14.419	ug/L	100
22) 2-Butanone	4.28	43	22943	7.321	ug/L	75
25) Chloroform	4.67	83	99357	17.003	ug/L	99
34) Trichloroethene	6.18	95	751771	220.501	ug/L	100
38) Bromodichloromethane	6.76	83	5350	1.257	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	6942	1.503	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	5358	1.566	ug/L	90
54) o-xylene	9.77	106	6019	1.017	ug/L	98

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

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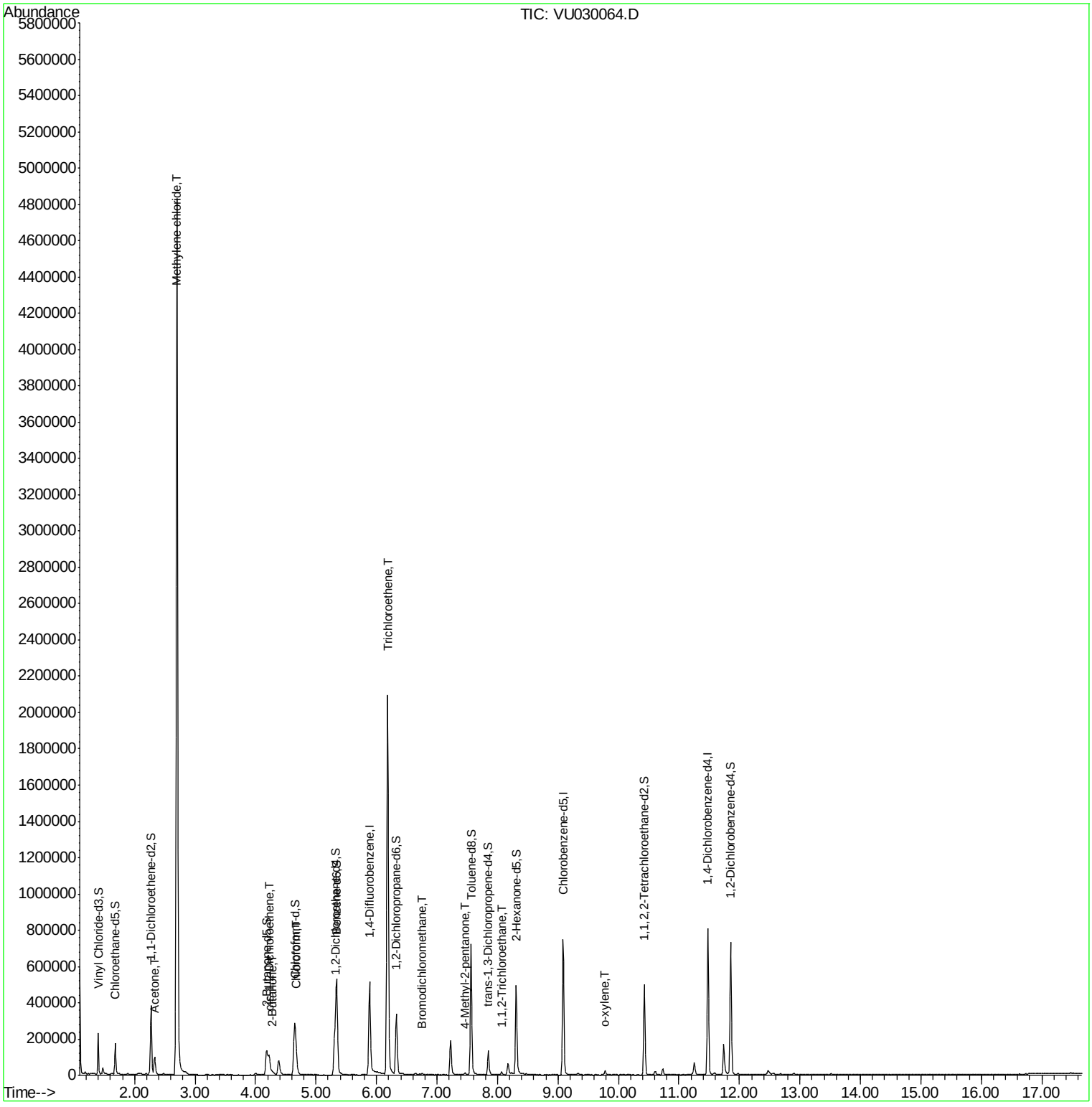
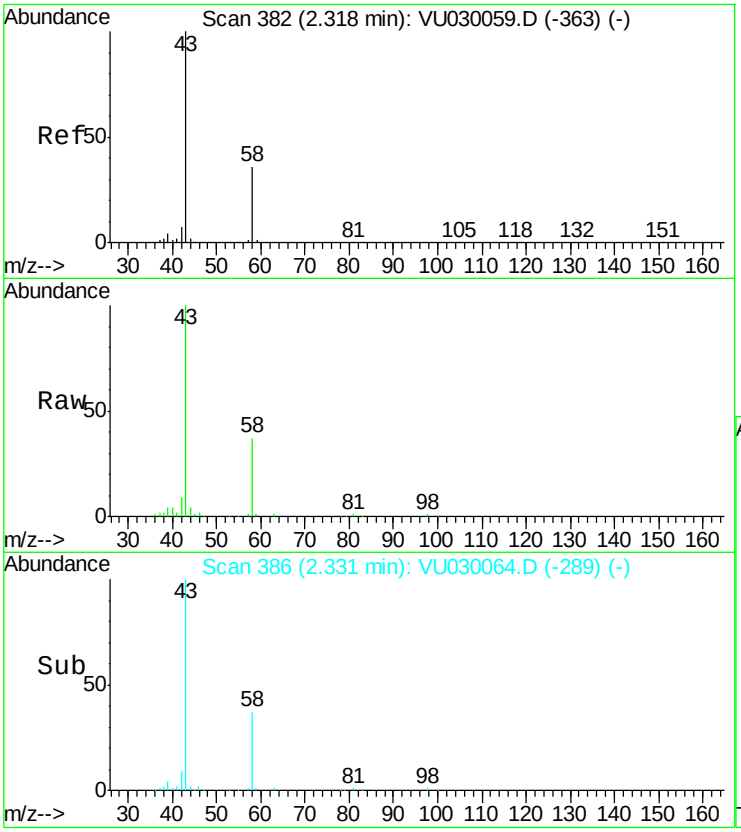
Instrument :
MSVOA_U
ClientSampleId :
C0962

Quant Time: Mar 15 01:56:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration



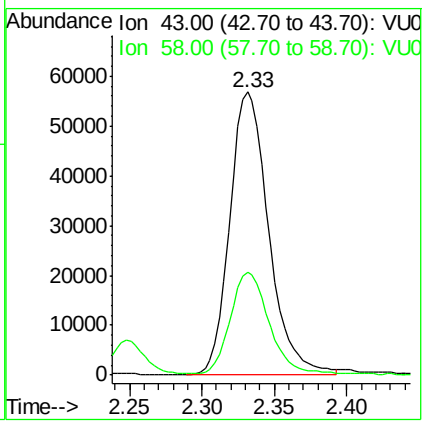


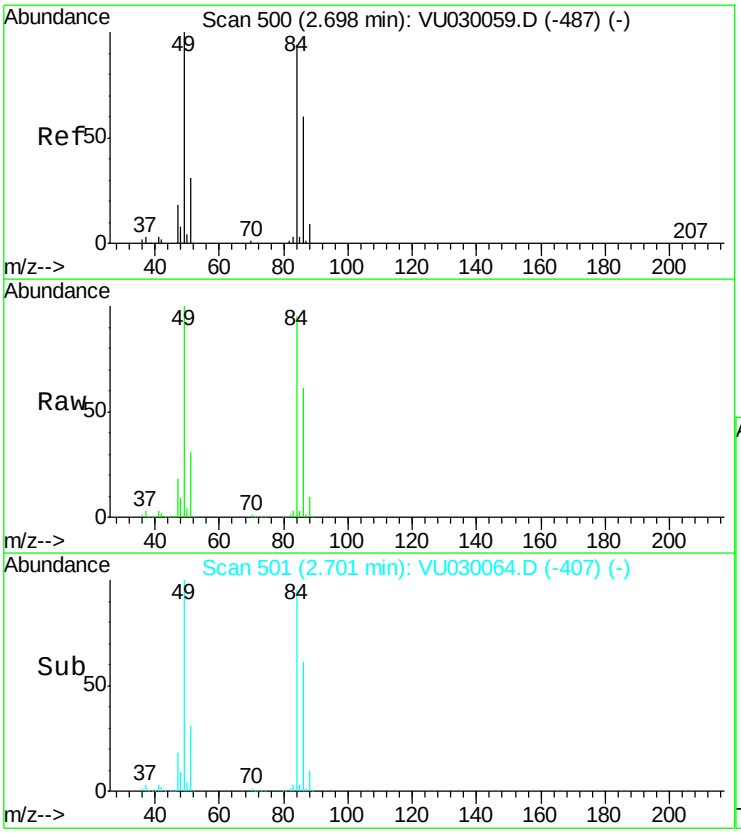
#13
Acetone
Concen: 38.352 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.01 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Instrument : MSVOA_U
ClientSampleId : C0962

Tgt Ion: 43 Resp: 105572

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	73.0

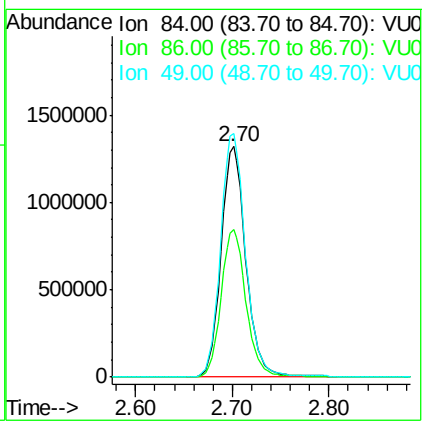


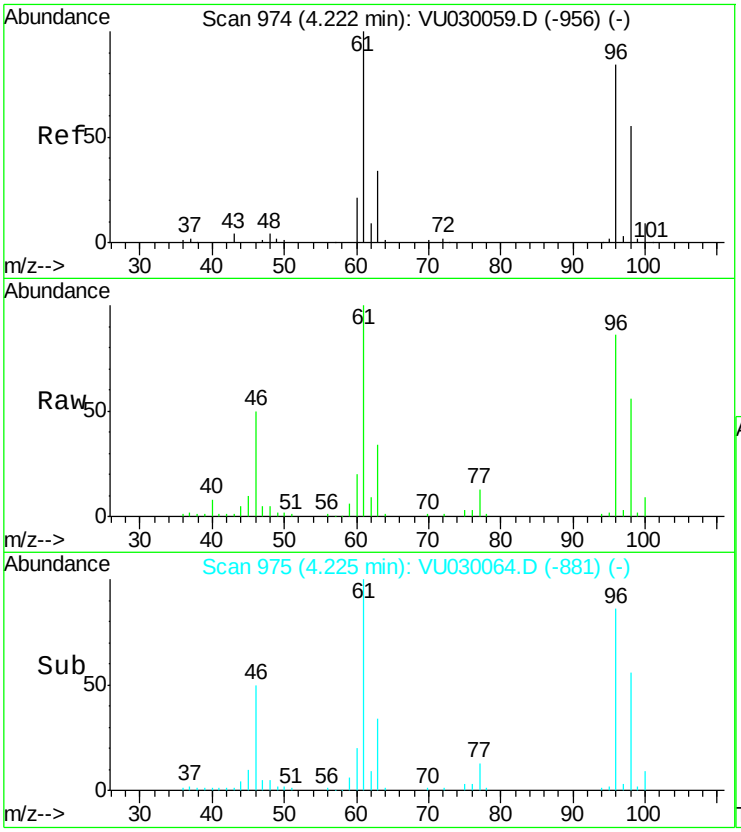


#16
Methylene chloride
Concen: 668.439 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Tgt Ion: 84 Resp: 2350193

Ion	Ratio	Lower	Upper
84	100		
86	64.0	45.2	84.0
49	105.5	73.6	136.6



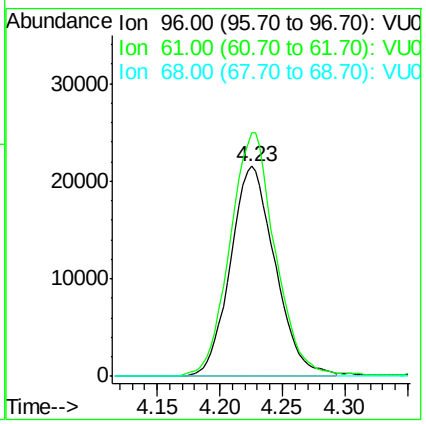


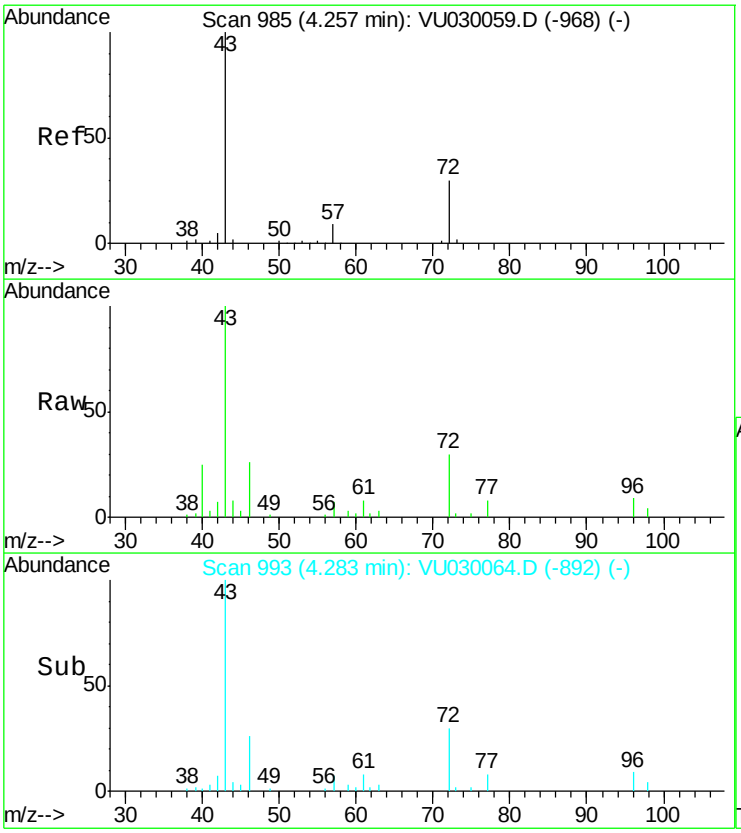
#20
cis-1,2-Dichloroethene
Concen: 14.419 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Instrument :
MSVOA_U
ClientSampleId :
C0962

Tgt Ion: 96 Resp: 53228

Ion	Ratio	Lower	Upper
96	100		
61	115.8	80.8	150.2
68	0.0	0.0	0.0

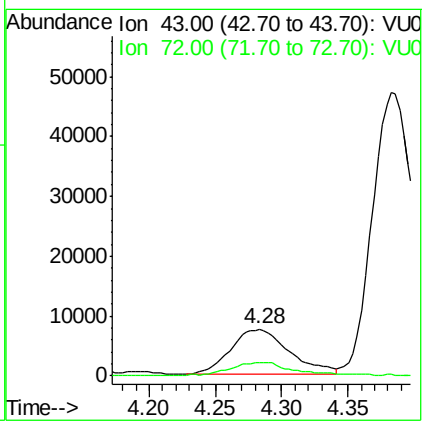


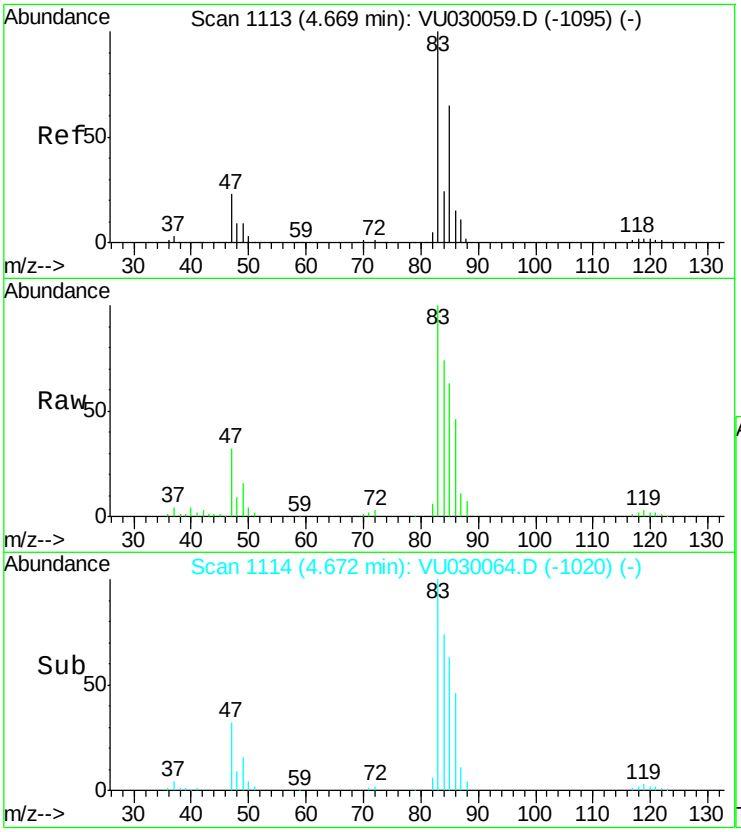


#22
2-Butanone
Concen: 7.321 ug/L
RT: 4.28 min Scan# 993
Delta R.T. 0.03 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Tgt Ion: 43 Resp: 22943

Ion	Ratio	Lower	Upper
43	100		
72	16.7	15.3	45.9



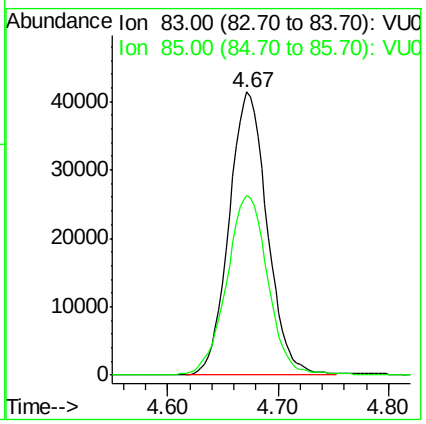


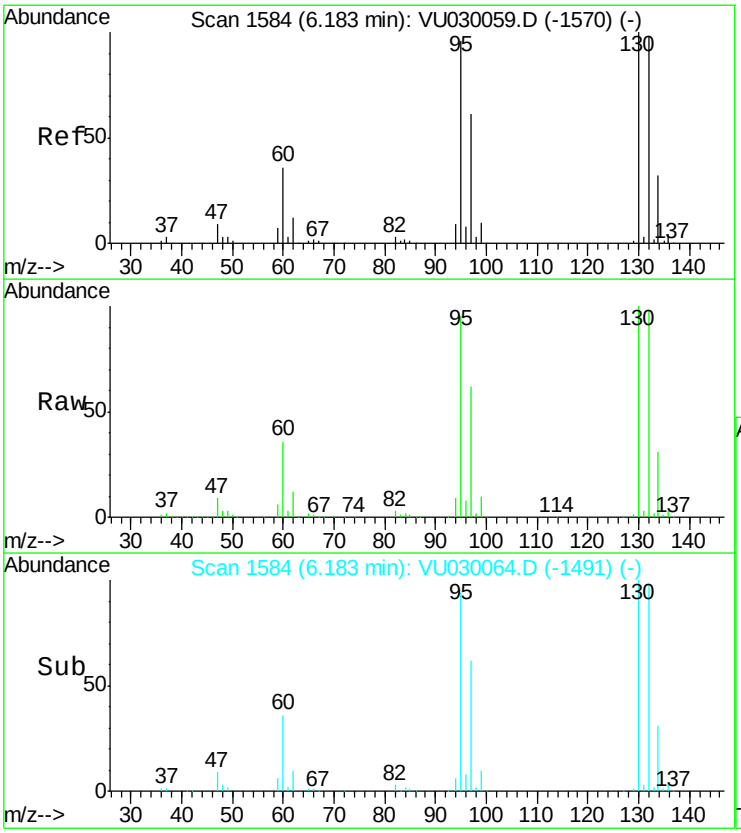
#25
Chloroform
Concen: 17.003 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Instrument : MSVOA_U
ClientSampleId : C0962

Tgt Ion: 83 Resp: 99357

Ion	Ratio	Lower	Upper
83	100		
85	63.3	44.9	83.5

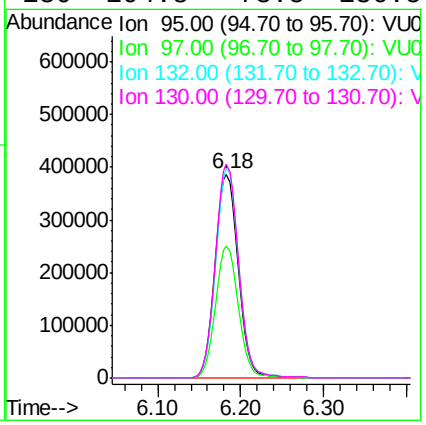


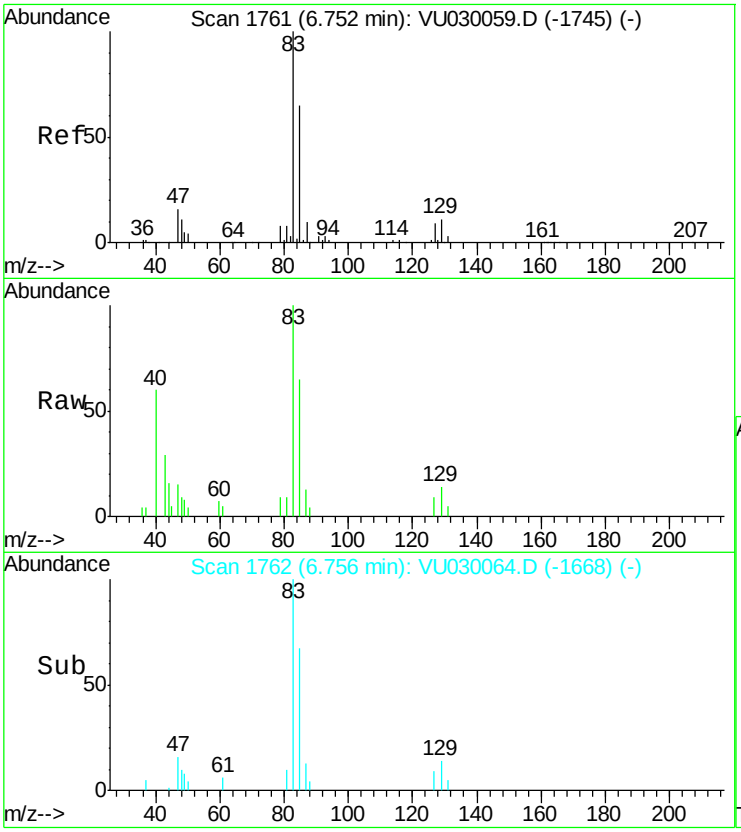


#34
Trichloroethene
Concen: 220.501 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Tgt Ion: 95 Resp: 751771

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.5	84.5
132	102.7	71.5	132.7
130	104.8	73.5	136.5



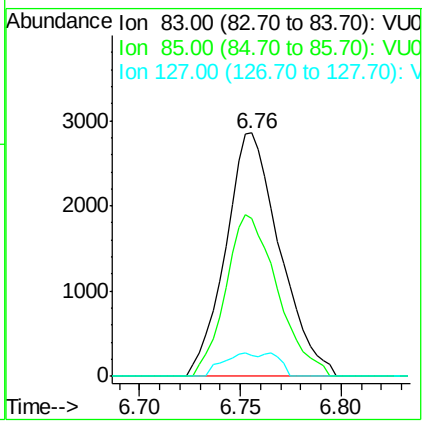


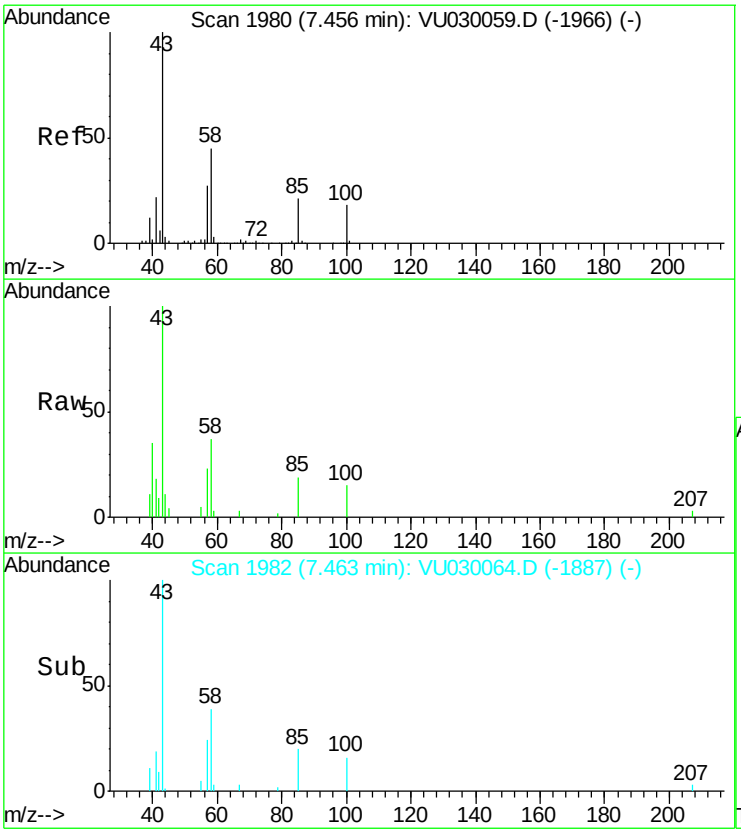
#38
Bromodichloromethane
Concen: 1.257 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Instrument : MSVOA_U
ClientSampleId : C0962

Tgt Ion: 83 Resp: 5350

Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.7	84.9
127	8.7	7.7	11.5

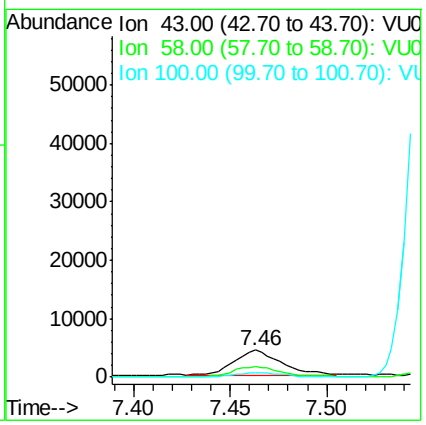


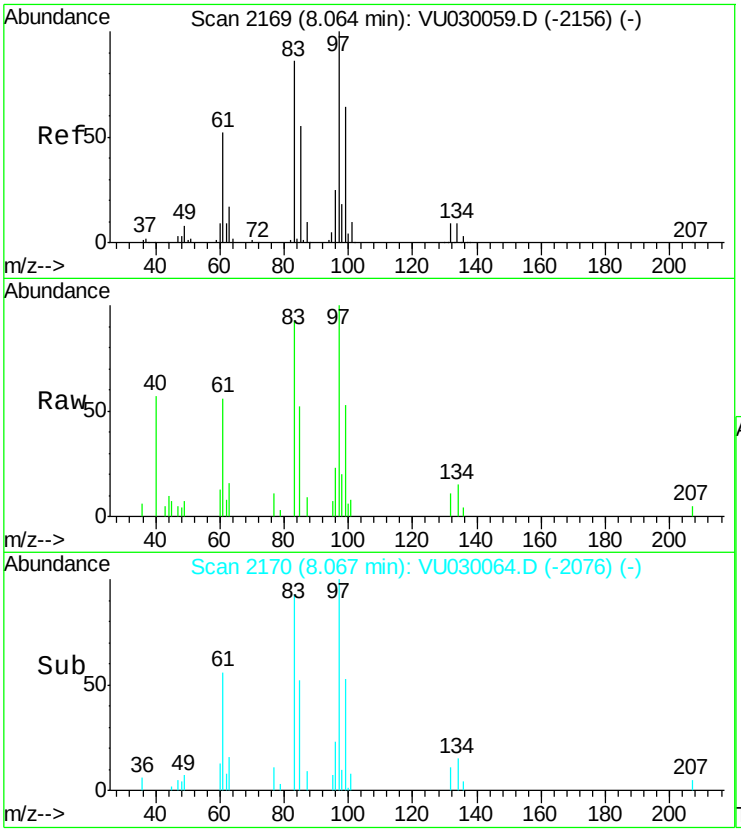


#40
4-Methyl-2-pentanone
Concen: 1.503 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Tgt Ion: 43 Resp: 6942

Ion	Ratio	Lower	Upper
43	100		
58	44.4	35.1	52.7
100	18.2	14.4	21.6



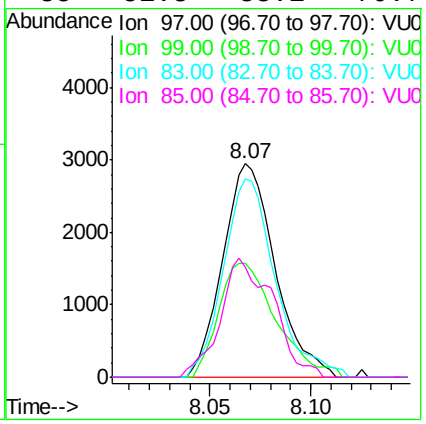


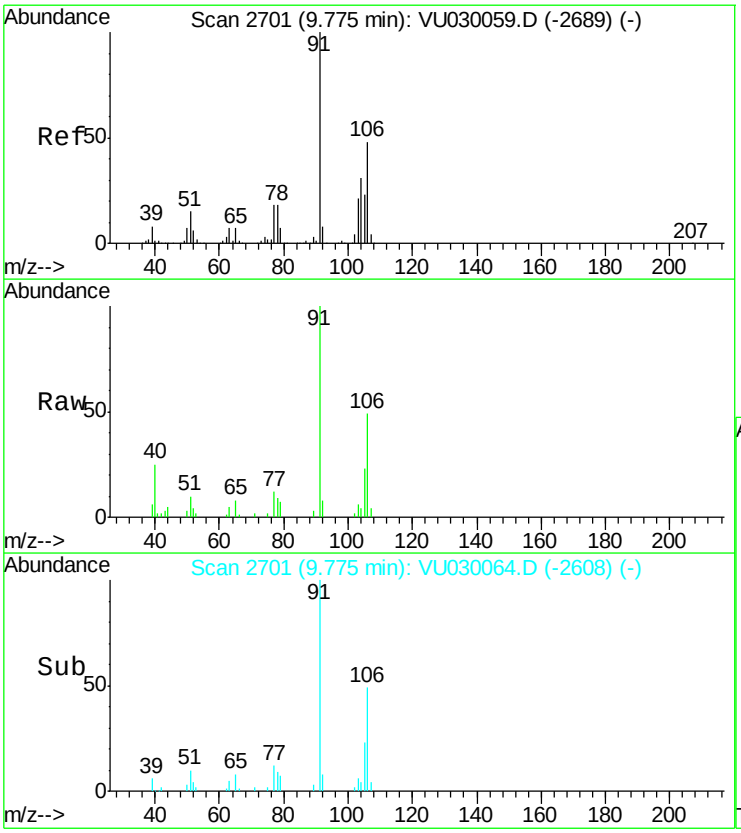
#45
1,1,2-Trichloroethane
Concen: 1.566 ug/L
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Instrument :
MSVOA_U
ClientSampleId :
C0962

Tgt Ion: 97 Resp: 5358

Ion	Ratio	Lower	Upper
97	100		
99	53.1	44.7	82.9
83	93.1	58.6	108.8
85	51.8	38.1	70.7





#54
o-xylene
Concen: 1.017 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030064.D
Acq: 14 Mar 2019 11:22

Tgt Ion:106 Resp: 6019

Ion	Ratio	Lower	Upper
106	100		
91	202.7	144.5	268.4