Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030701.D
Acq On : 04 Apr 2019 22:28
Operator : JC/SP
Sample : K2246-14ME
Misc : 6.51g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2Q2

Quant Time: Apr 05 02:22:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	450424	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201243	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	173146	43.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.12%			
7) Chloroethane-d5	1.64	69	118344	38.78	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.56%			
11) 1,1-Dichloroethene-d2	2.23	63	254699	35.02	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.04%			
21) 2-Butanone-d5	4.19	46	305770	95.95	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.95%			
24) Chloroform-d	4.64	84	276660	45.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.08%			
26) 1,2-Dichloroethane-d4	5.30	65	202108	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.44%			
32) Benzene-d6	5.33	84	595534	47.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.22%			
36) 1,2-Dichloropropane-d6	6.32	67	210233	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.06%			
41) Toluene-d8	7.56	98	507726	45.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.62%			
43) trans-1,3-Dichloropropene-	7.85	79	88624	44.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.72%			
47) 2-Hexanone-d5	8.32	63	218216	110.21	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.21%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302707	51.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	193320	48.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.70%			
Target Compounds						Qvalue
6) Bromomethane	1.60	94	1459	0.568	ug/L	74
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2725	0.845	ug/L #	23
12) 1,1-Dichloroethene	2.23	96	2099	0.674	ug/L #	1
13) Acetone	2.34	43	1740	0.534	ug/L	61
16) Methylene chloride	2.69	84	2083	0.551	ug/L	95
25) Chloroform	4.66	83	19398	2.829	ug/L	92
39) cis-1,3-Dichloropropene	7.23	75	4965	0.869	ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	3485	0.692	ug/L	90

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

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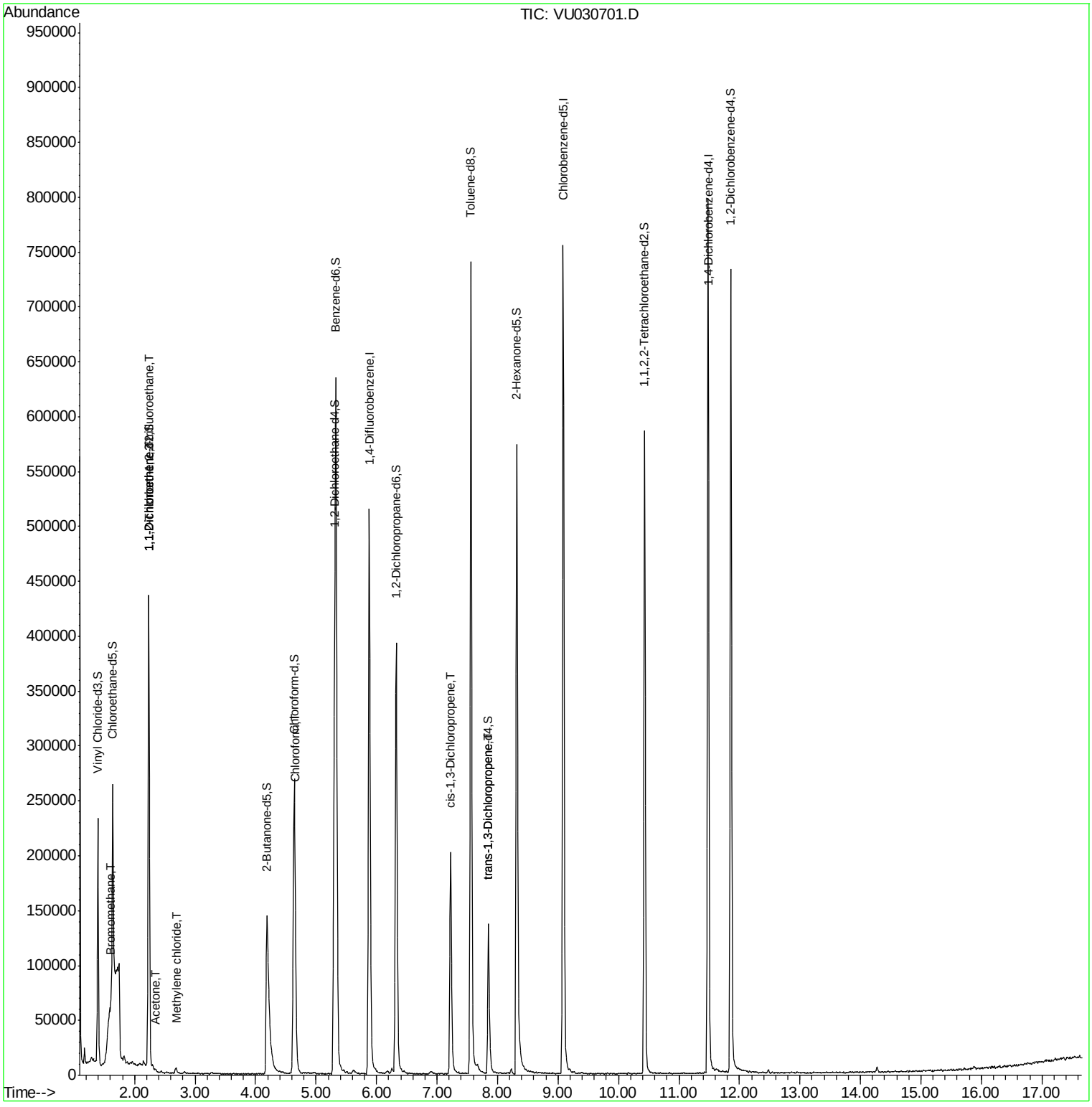
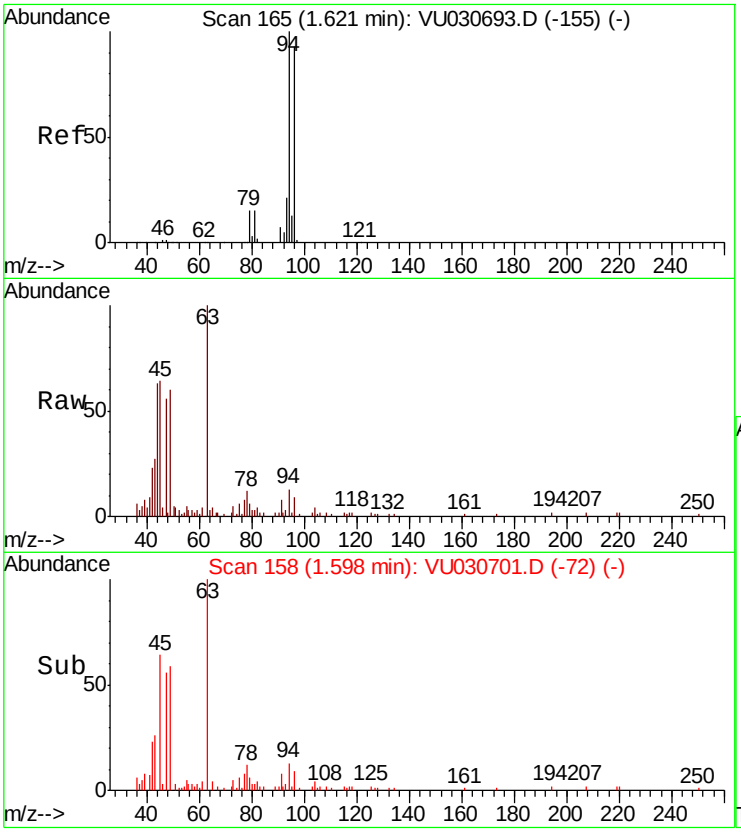
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration



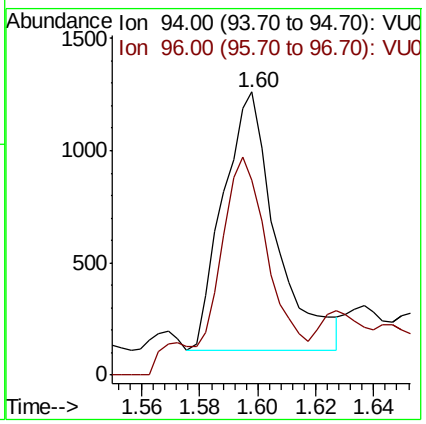


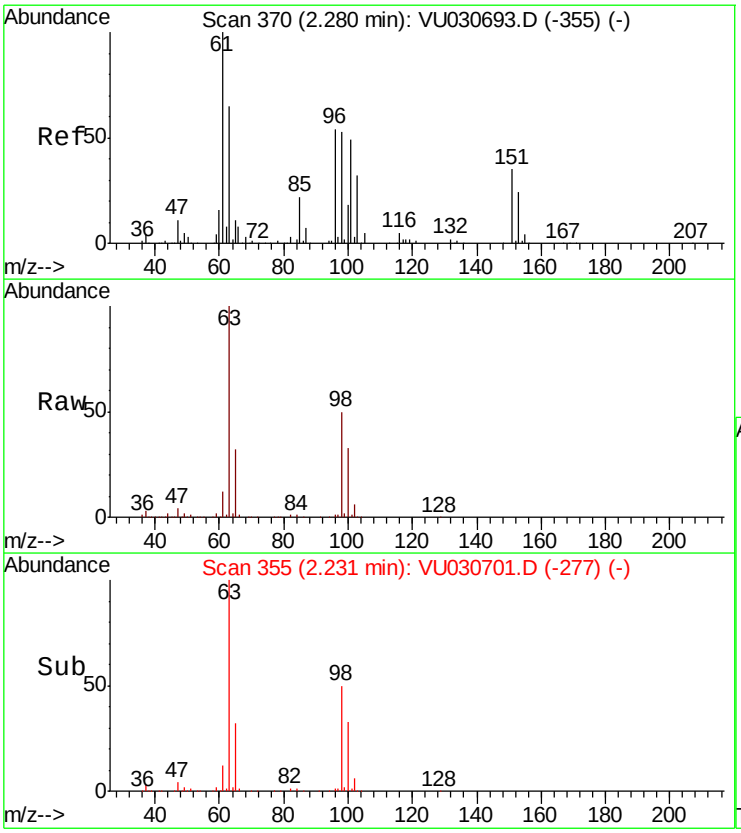
#6
Bromomethane
Concen: 0.568 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Instrument :
MSVOA_U
ClientSampleId :
BF2Q2

Tgt Ion: 94 Resp: 1459

Ion	Ratio	Lower	Upper
94	100		
96	68.8	65.5	121.7

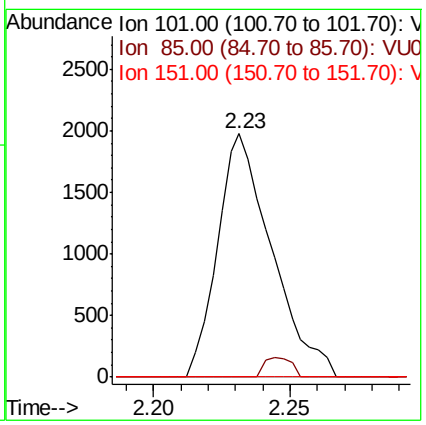


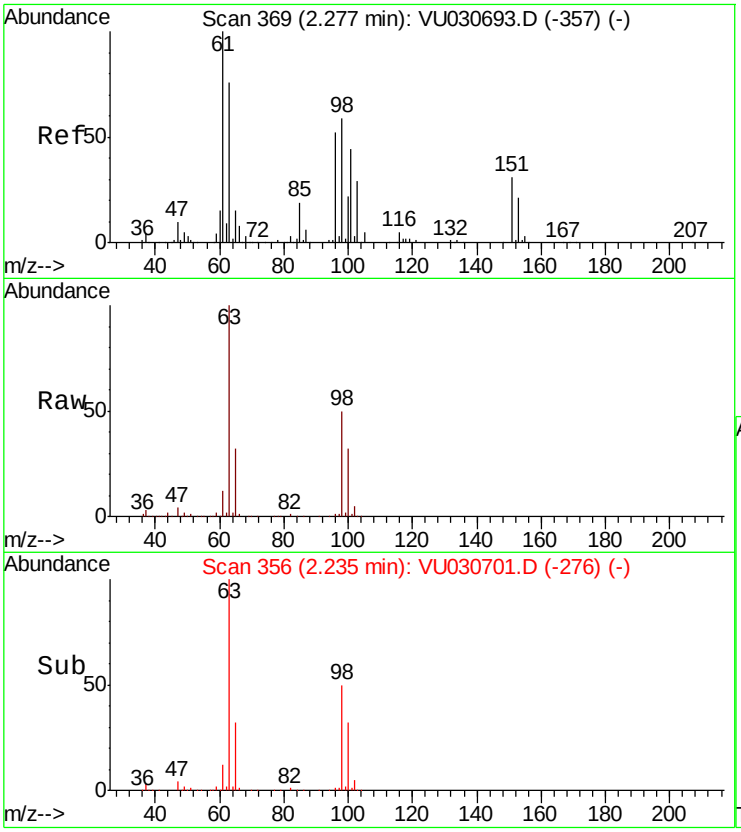


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.845 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.05 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Tgt Ion:101 Resp: 2725

Ion	Ratio	Lower	Upper
101	100		
85	4.0	36.8	55.2#
151	0.0	57.4	86.0#



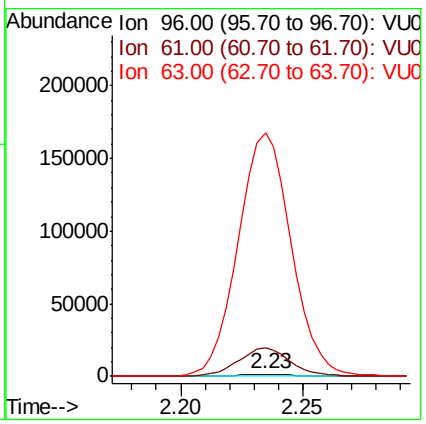


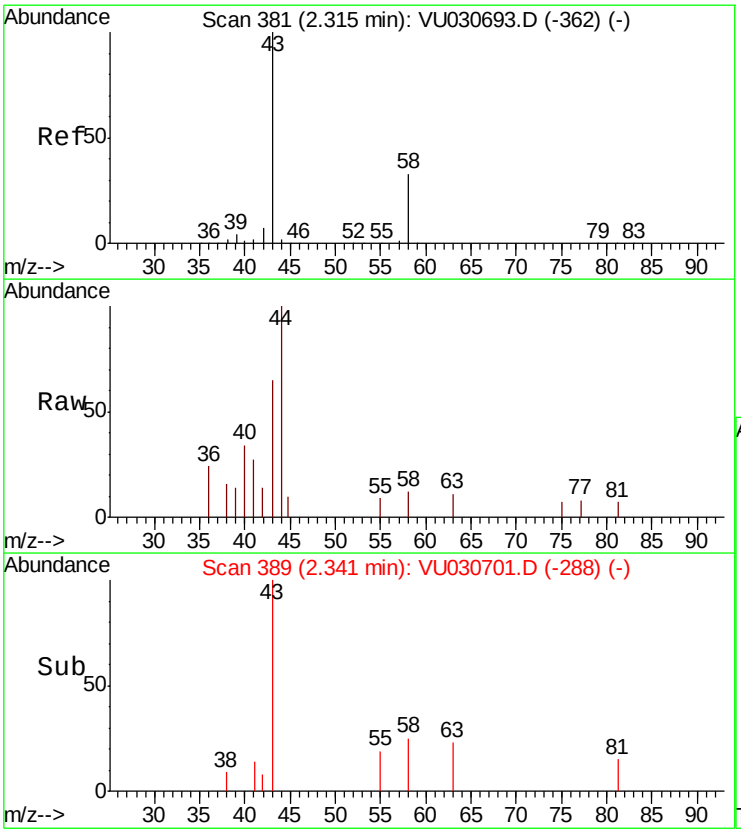
#12
1,1-Dichloroethene
Concen: 0.674 ug/L
RT: 2.23 min Scan# 356
Delta R.T. -0.04 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Instrument : MSVOA_U
ClientSampleId : BF2Q2

Tgt Ion: 96 Resp: 2099

Ion	Ratio	Lower	Upper
96	100		
61	1562.2	132.0	245.2#
63	13187.7	90.9	168.9#

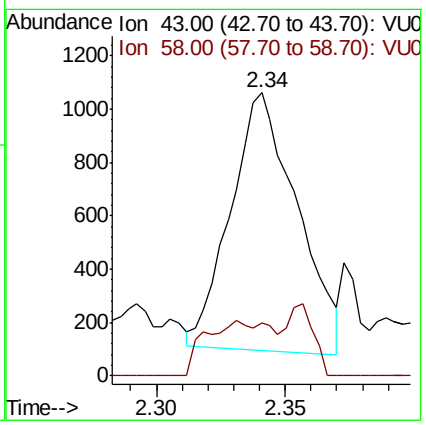


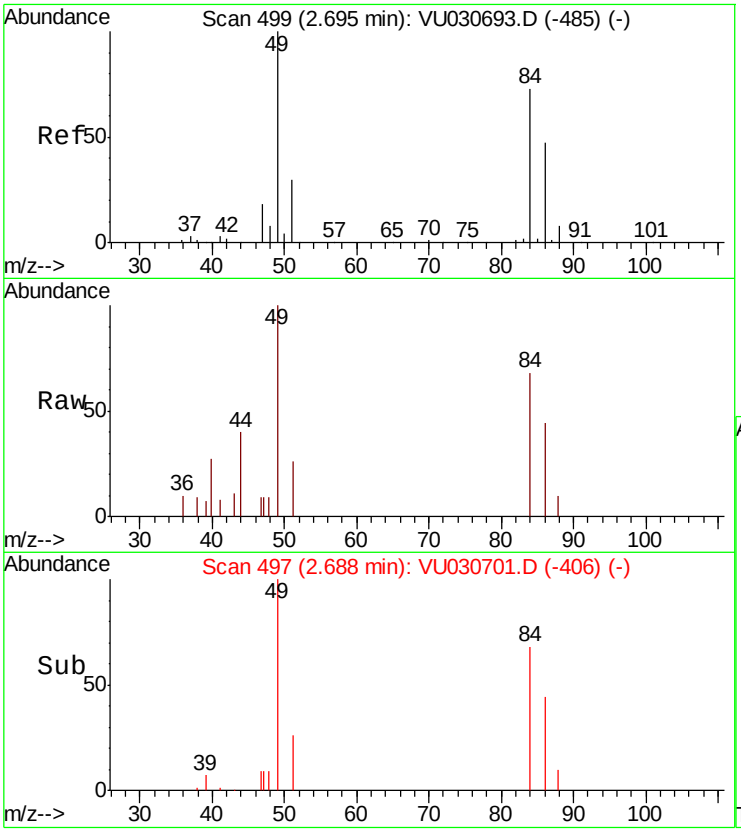


#13
Acetone
Concen: 0.534 ug/L
RT: 2.34 min Scan# 389
Delta R.T. 0.03 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Tgt Ion: 43 Resp: 1740

Ion	Ratio	Lower	Upper
43	100		
58	10.2	0.0	64.0



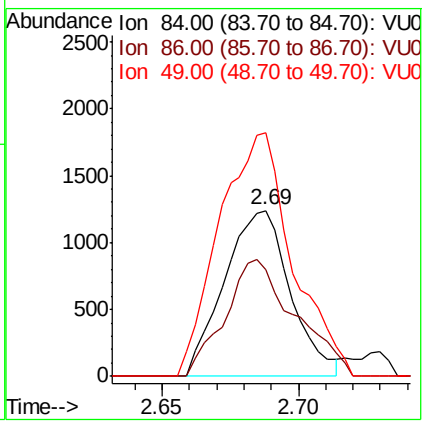


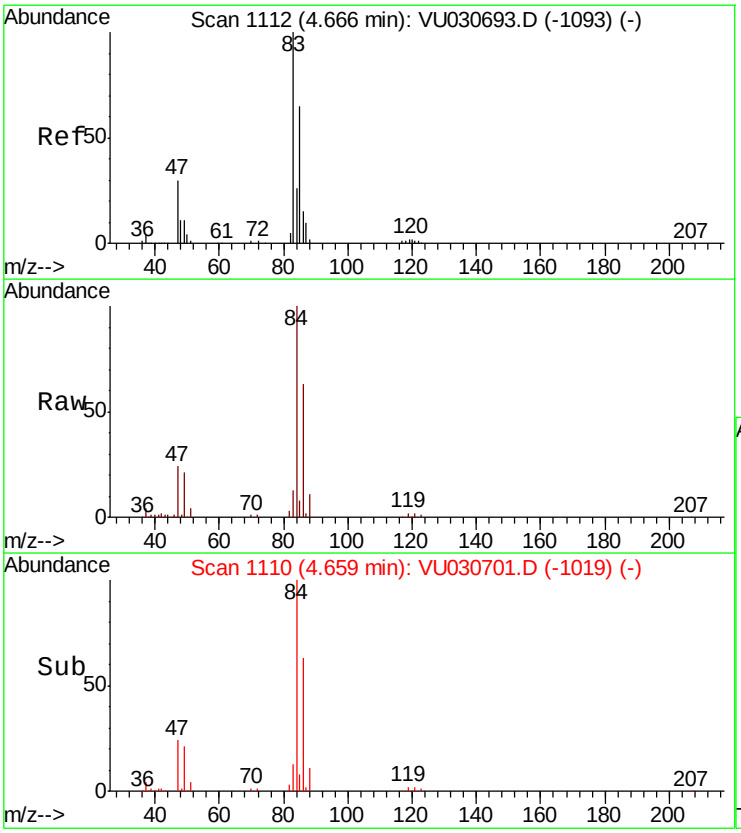
#16
Methylene chloride
Concen: 0.551 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Instrument : MSVOA_U
ClientSampleId : BF2Q2

Tgt Ion: 84 Resp: 2083

Ion	Ratio	Lower	Upper
84	100		
86	64.0	45.1	83.7
49	146.6	96.5	179.1

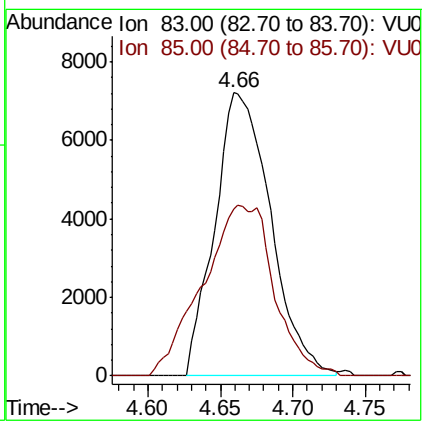


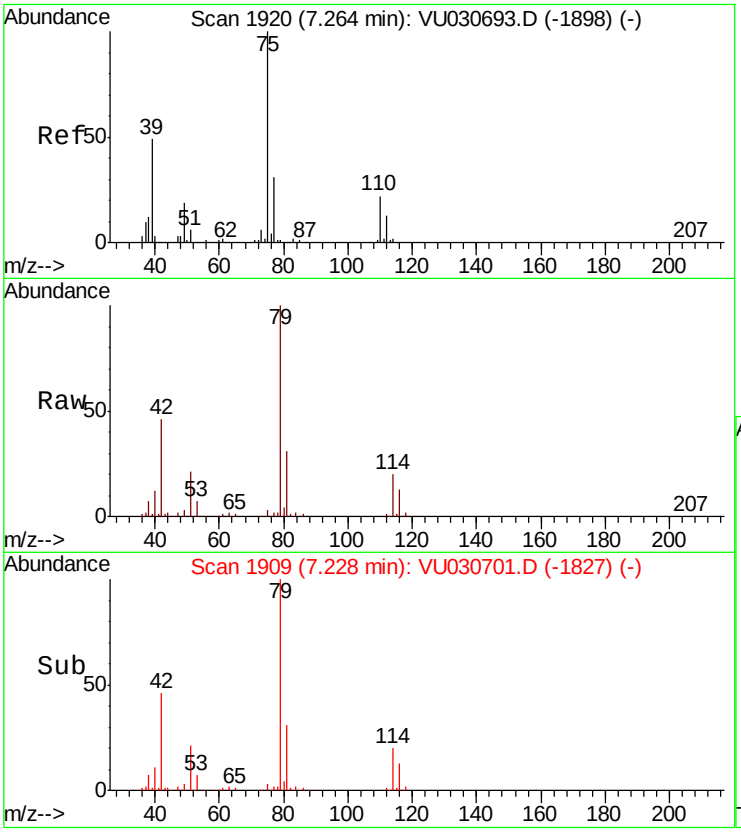


#25
Chloroform
Concen: 2.829 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Tgt Ion: 83 Resp: 19398

Ion	Ratio	Lower	Upper
83	100		
85	58.9	45.8	85.0



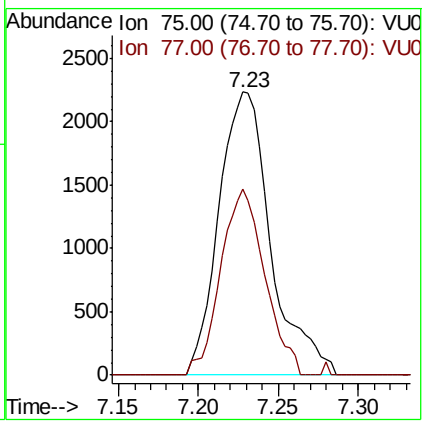


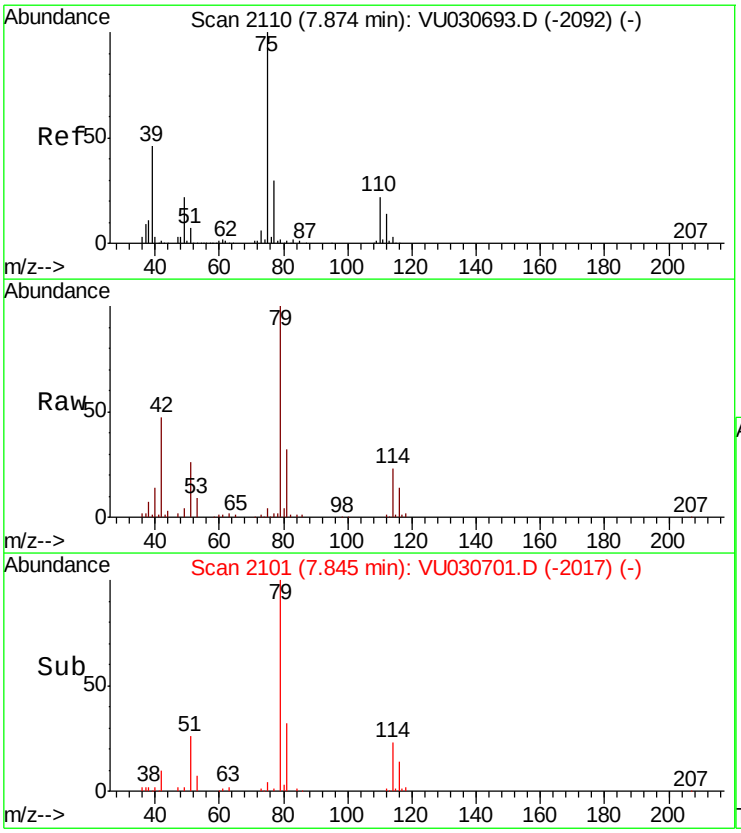
#39
cis-1,3-Dichloropropene
Concen: 0.869 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Instrument :
MSVOA_U
ClientSampleId :
BF2Q2

Tgt Ion: 75 Resp: 4965

Ion	Ratio	Lower	Upper
75	100		
77	65.5	23.1	42.9#





#44
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030701.D
Acq: 04 Apr 2019 22:28

Tgt Ion: 75 Resp: 3485

Ion	Ratio	Lower	Upper
75	100		
77	36.1	21.6	40.0