Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
Data File : VU029986.D
Acq On : 11 Mar 2019 23:24
Operator : JC/SP
Sample : K1763-04 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0959

Quant Time: Mar 14 02:38:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration

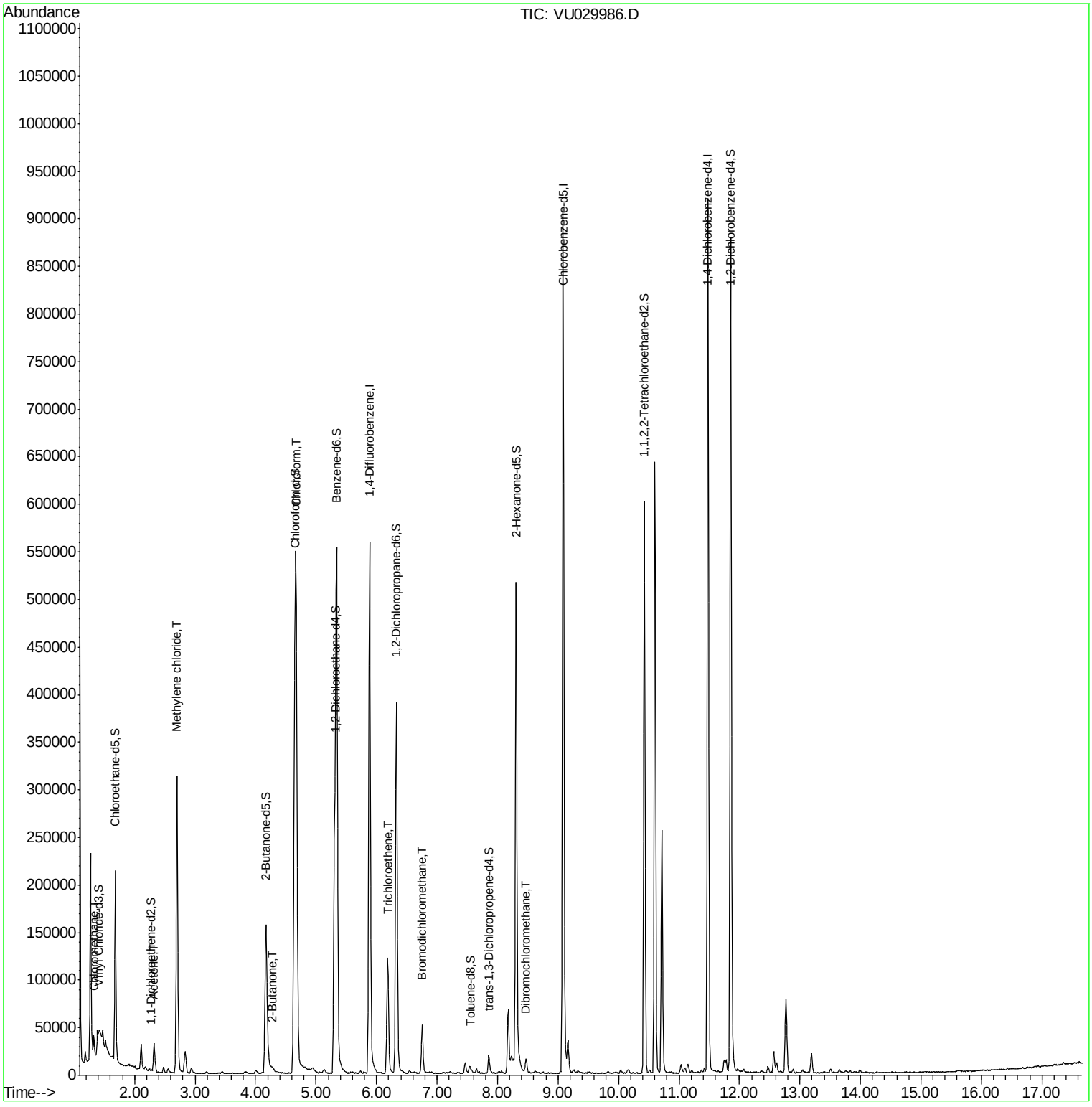
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	523038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	565466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	260394	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	561	0.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 0.32%#			
7) Chloroethane-d5	1.68	69	143753	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.94%			
11) 1,1-Dichloroethene-d2	2.27	63	1099	0.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.36%#			
21) 2-Butanone-d5	4.17	46	253970	97.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.98%			
24) Chloroform-d	4.65	84	327621	52.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.58%			
26) 1,2-Dichloroethane-d4	5.31	65	184580	51.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.96%			
32) Benzene-d6	5.34	84	594495	40.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.68%			
36) 1,2-Dichloropropane-d6	6.33	67	206566	46.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.74%			
41) Toluene-d8	7.57	98	2811	0.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 0.42%#			
43) trans-1,3-Dichloropropene-	7.87	79	617	0.29	ug/L	0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.58%#			
47) 2-Hexanone-d5	8.31	63	202048	81.06	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299573	43.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	258465	51.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.48%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	13646	3.743	ug/L	98
13) Acetone	2.32	43	30676	10.122	ug/L	99
16) Methylene chloride	2.70	84	147568	38.121	ug/L	98
22) 2-Butanone	4.28	43	7056	2.045	ug/L #	69
25) Chloroform	4.67	83	443430	68.925	ug/L	100
34) Trichloroethene	6.19	95	43525	10.263	ug/L	98
38) Bromodichloromethane	6.76	83	34363	6.493	ug/L	97
49) Dibromochloromethane	8.47	129	5275	1.109	ug/L	97

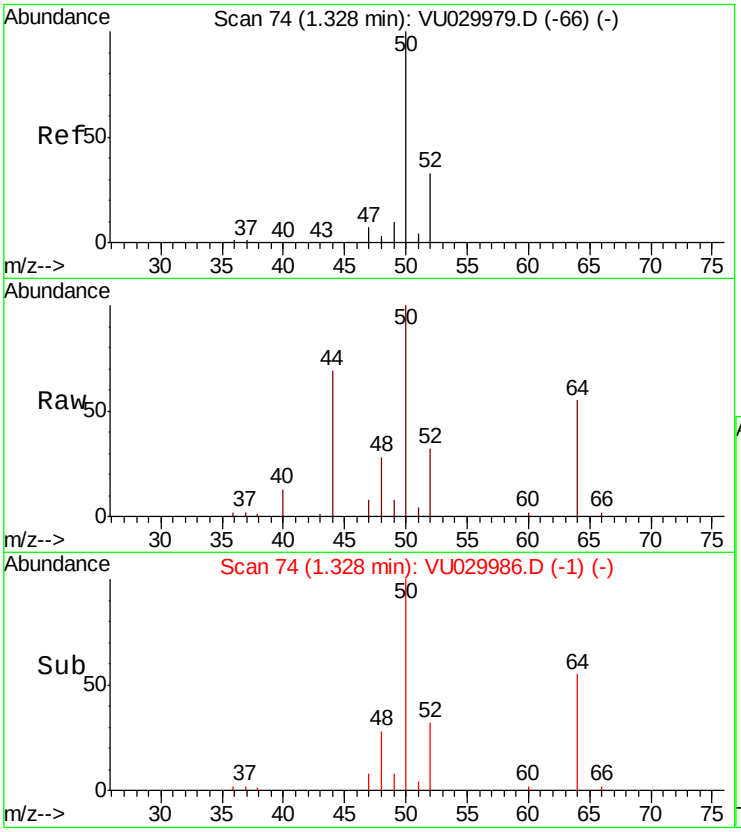
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
Data File : VU029986.D
Acq On : 11 Mar 2019 23:24
Operator : JC/SP
Sample : K1763-04 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0959

Quant Time: Mar 14 02:38:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 07:07:04 2019
Response via : Initial Calibration



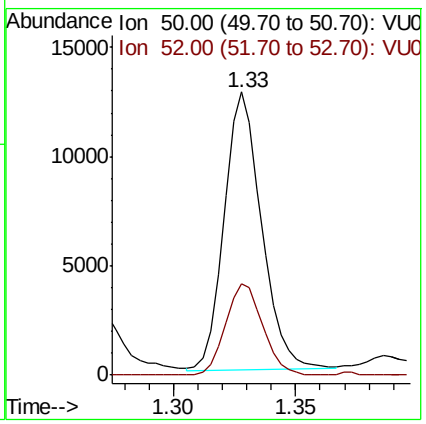


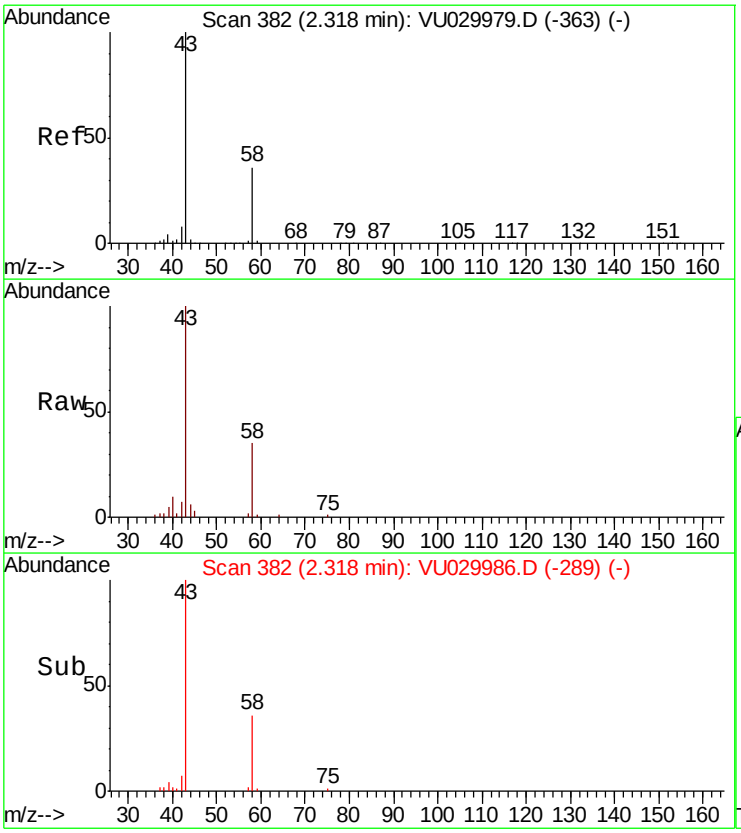
#3
Chloromethane
Concen: 3.743 ug/L
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Instrument :
MSVOA_U
ClientSampleId :
C0959

Tgt Ion: 50 Resp: 13646

Ion	Ratio	Lower	Upper
50	100		
52	32.2	23.4	43.6

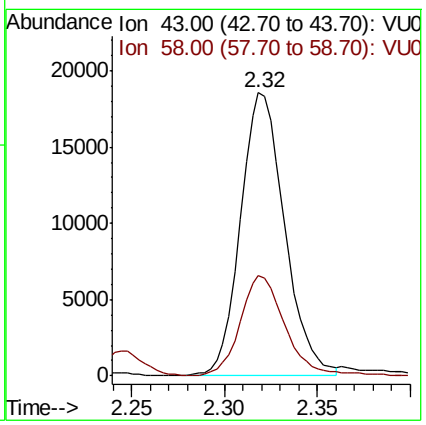


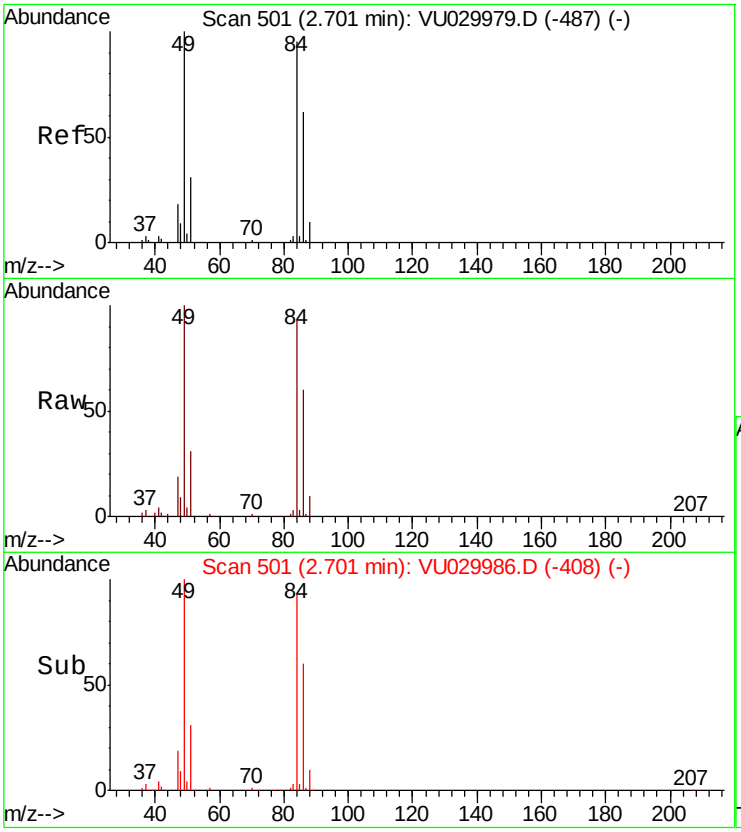


#13
Acetone
Concen: 10.122 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Tgt Ion: 43 Resp: 30676

Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	73.0



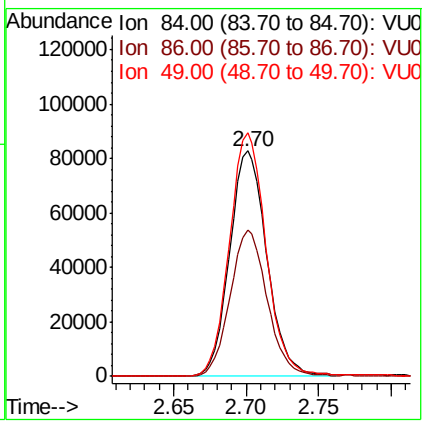


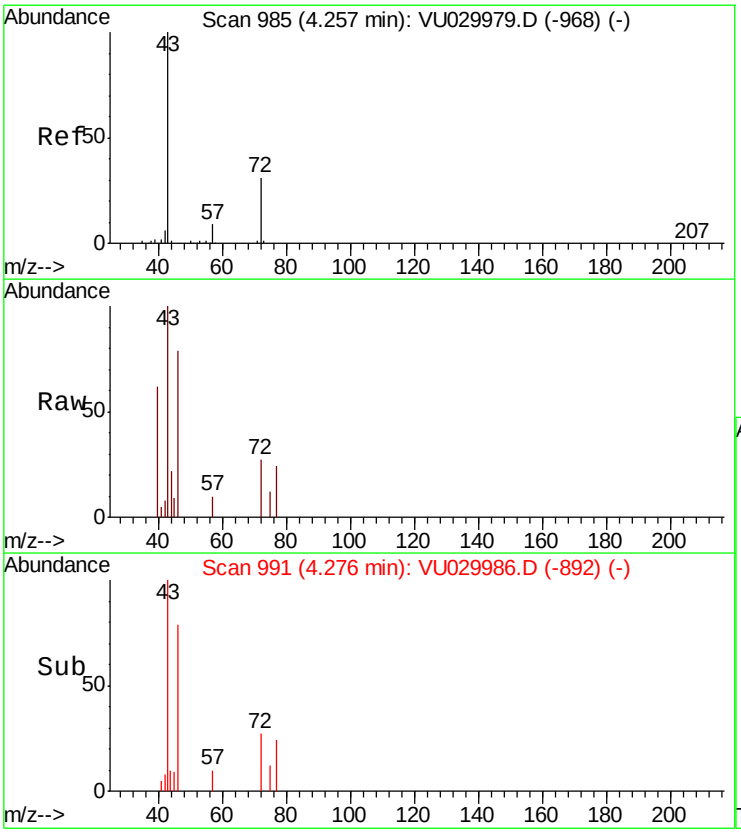
#16
Methylene chloride
Concen: 38.121 ug/L
RT: 2.70 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Instrument : MSVOA_U
ClientSampleId : C0959

Tgt Ion: 84 Resp: 147568

Ion	Ratio	Lower	Upper
84	100		
86	64.8	45.2	84.0
49	108.1	73.6	136.6

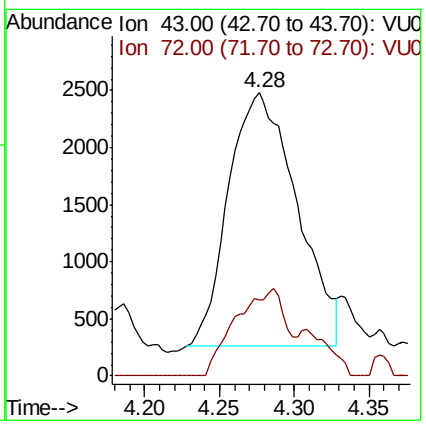


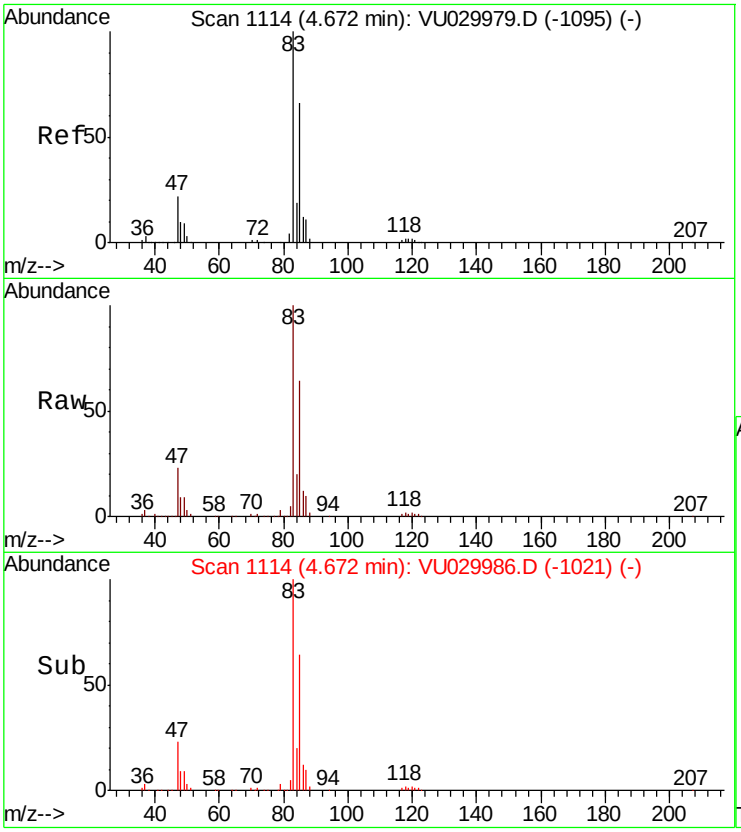


#22
2-Butanone
Concen: 2.045 ug/L
RT: 4.28 min Scan# 991
Delta R.T. 0.02 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Tgt Ion: 43 Resp: 7056

Ion	Ratio	Lower	Upper
43	100		
72	13.6	15.3	45.9#



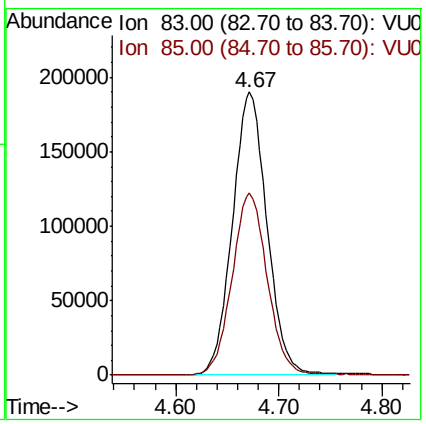


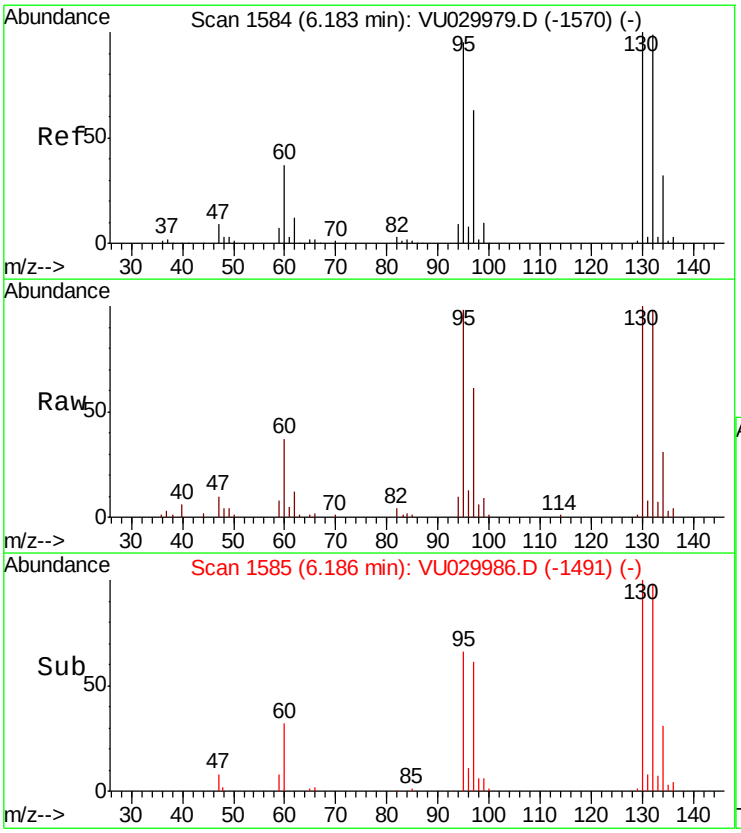
#25
Chloroform
Concen: 68.925 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Instrument : MSVOA_U
ClientSampleId : C0959

Tgt Ion: 83 Resp: 443430

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.9	83.5

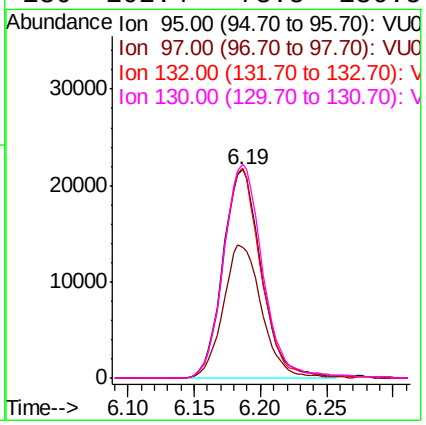


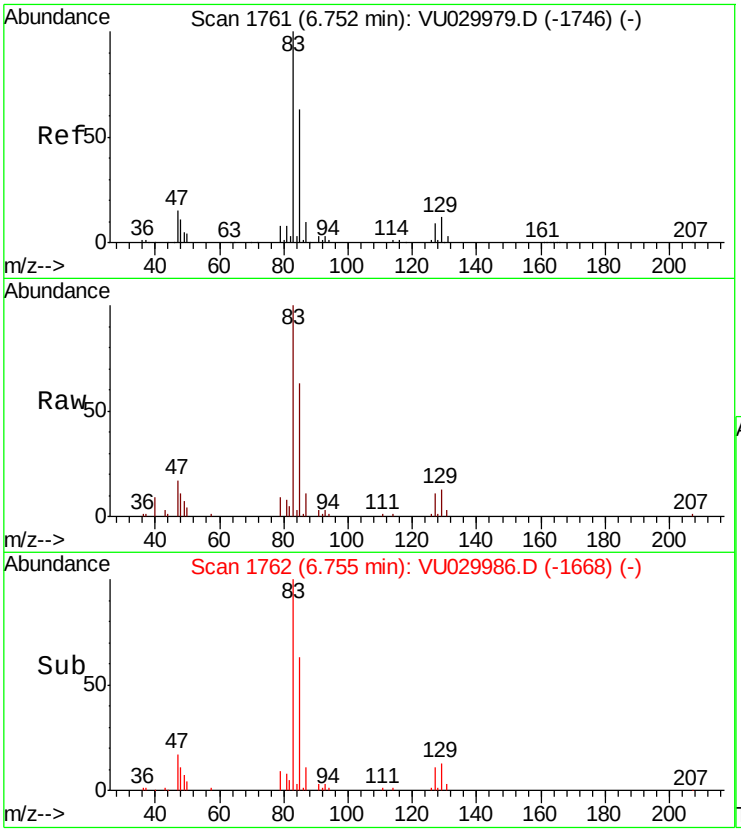


#34
Trichloroethene
Concen: 10.263 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Tgt Ion: 95 Resp: 43525

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.5	84.5
132	100.7	71.5	132.7
130	102.4	73.5	136.5



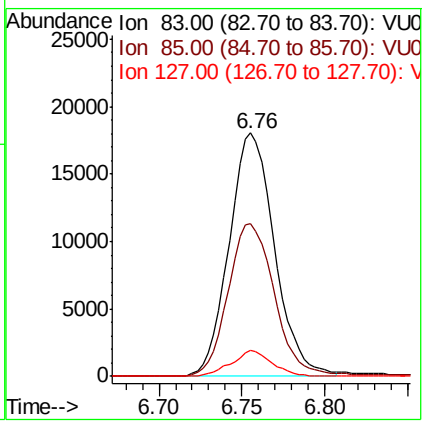


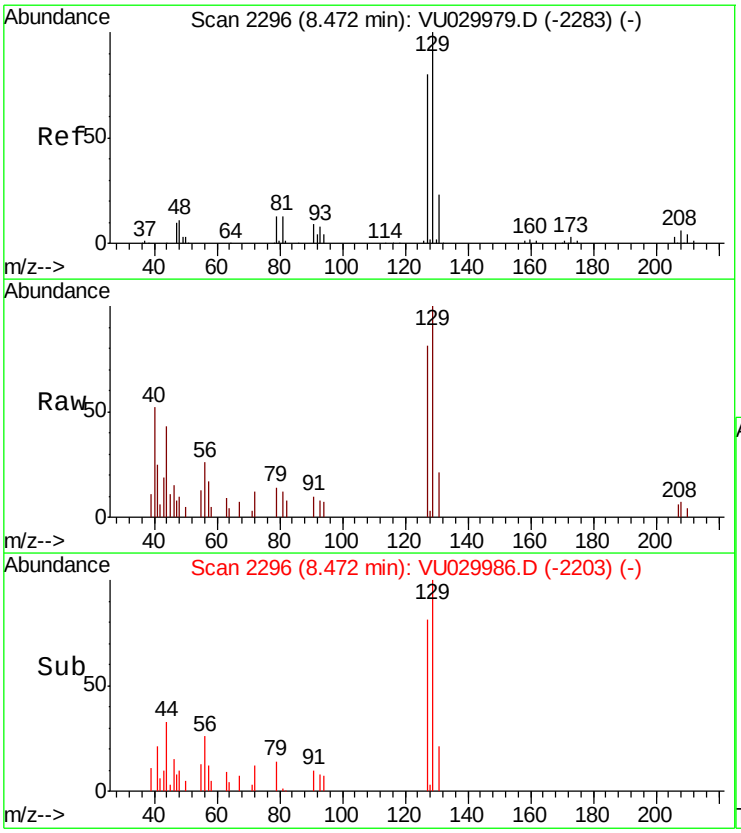
#38
Bromodichloromethane
Concen: 6.493 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Instrument : MSVOA_U
ClientSampleId : C0959

Tgt Ion: 83 Resp: 34363

Ion	Ratio	Lower	Upper
83	100		
85	62.8	45.7	84.9
127	10.9	7.7	11.5





#49
Dibromochloromethane
Concen: 1.109 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU029986.D
Acq: 11 Mar 2019 23:24

Tgt Ion:129 Resp: 5275

Ion	Ratio	Lower	Upper
129	100		
127	81.4	55.2	102.4