Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\
Data File : VU032097.D
Acq On : 17 May 2019 11:59
Operator : JC/SP
Sample : K2859-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W47

Quant Time: May 18 02:32:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	369564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144986	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	136318	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.67	69	117878	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.27	63	195327	3.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.80%			
20) 2-Butanone-d5	4.19	46	255288	41.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.54%			
24) Chloroform-d	4.64	84	247178	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.30	65	121185	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
32) Benzene-d6	5.33	84	500368	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.32	67	146606	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.40%			
41) Toluene-d8	7.56	98	433342	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	7.85	79	44711	3.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.20%			
46) 2-Hexanone-d5	8.31	63	210193	38.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120097	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	152405	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	4549	0.256	ug/L	93
13) Acetone	2.32	43	66230	33.009	ug/L	98
16) Methylene chloride	2.69	84	21956	1.239	ug/L	93
21) 2-Butanone	4.29	43	4926	1.710	ug/L	72
38) Bromodichloromethane	6.76	83	42972	2.350	ug/L	96
42) Toluene	7.64	91	11319	0.185	ug/L	91

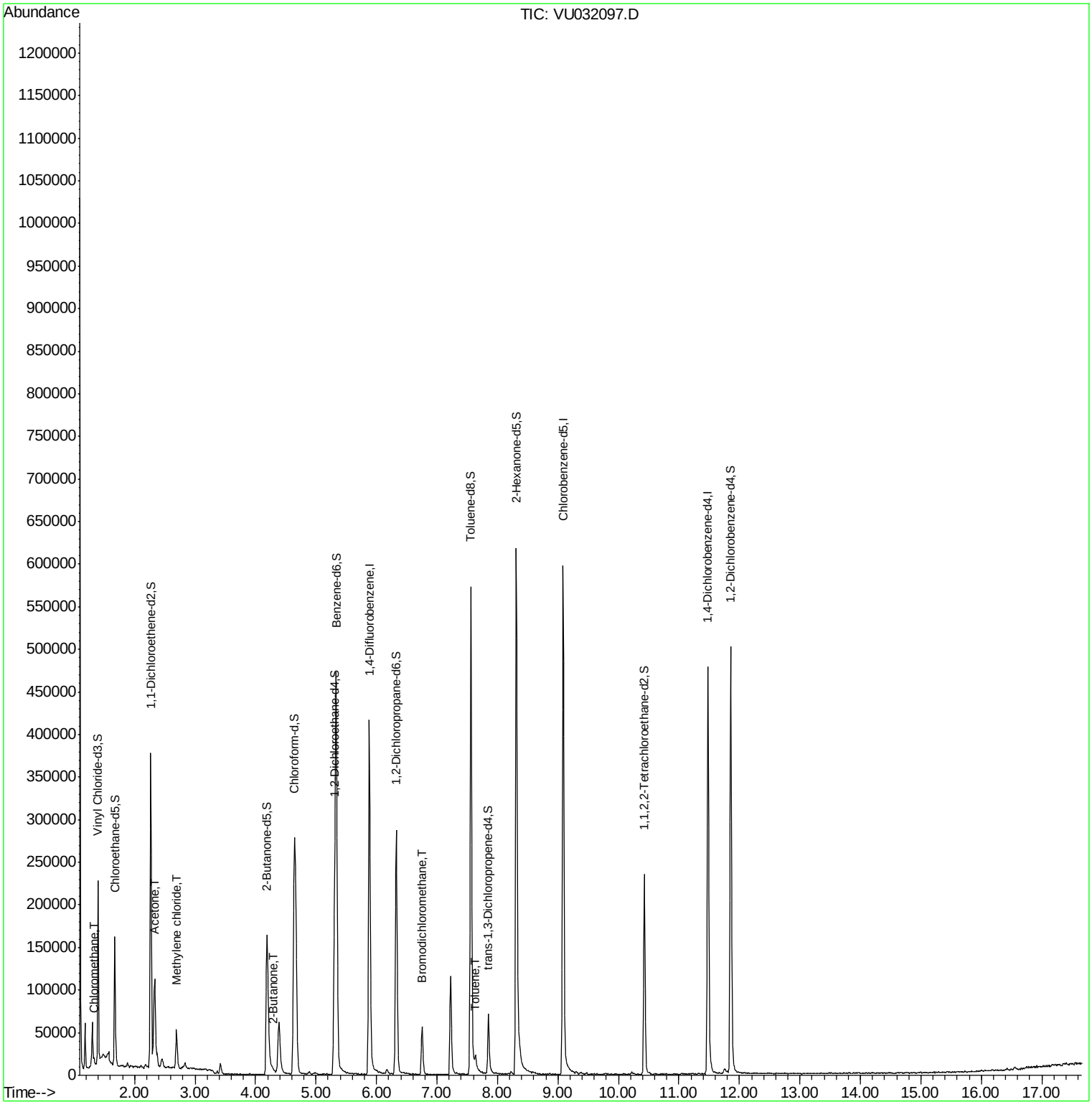
(#) = qualifier out of range (m) = manual integration (+) = signals summed

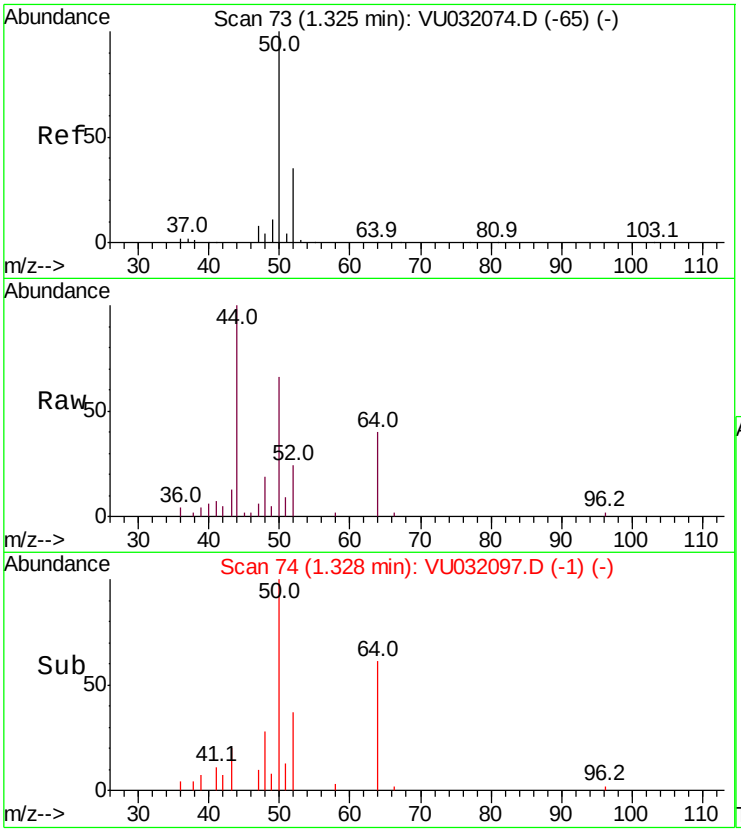
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\
Data File : VU032097.D
Acq On : 17 May 2019 11:59
Operator : JC/SP
Sample : K2859-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W47

Quant Time: May 18 02:32:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration



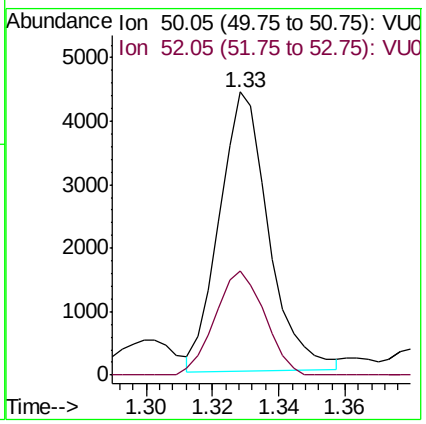


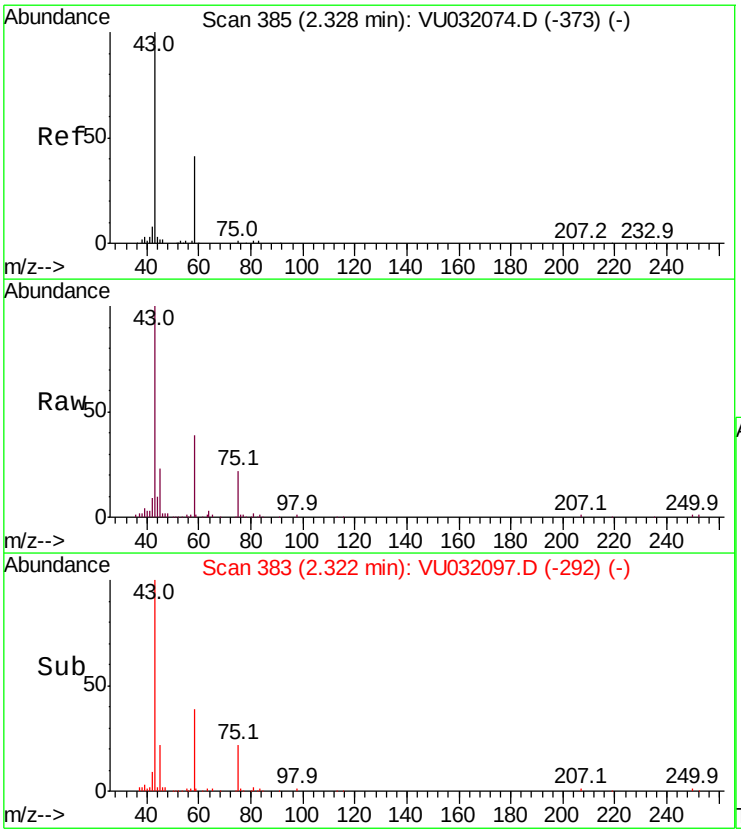
#3
Chloromethane
Concen: 0.256 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032097.D
Acq: 17 May 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
F9W47

Tgt Ion: 50 Resp: 4549

Ion	Ratio	Lower	Upper
50	100		
52	36.9	23.2	43.0

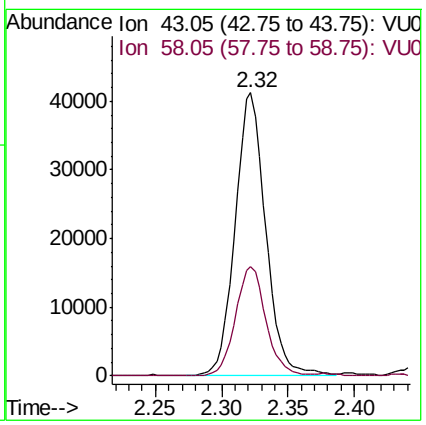


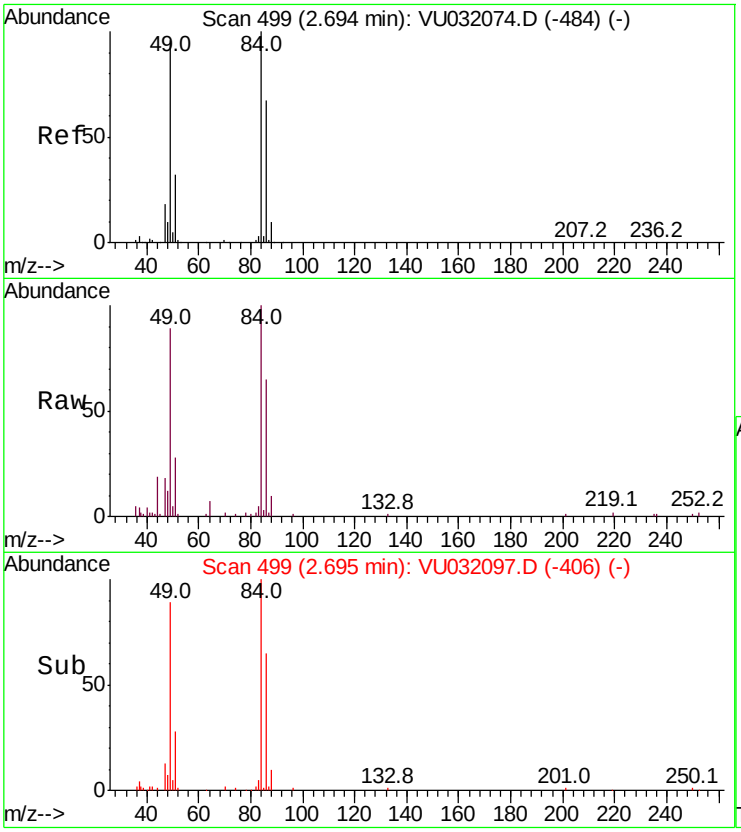


#13
Acetone
Concen: 33.009 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU032097.D
Acq: 17 May 2019 11:59

Tgt Ion: 43 Resp: 66230

Ion	Ratio	Lower	Upper
43	100		
58	38.1	0.0	78.8



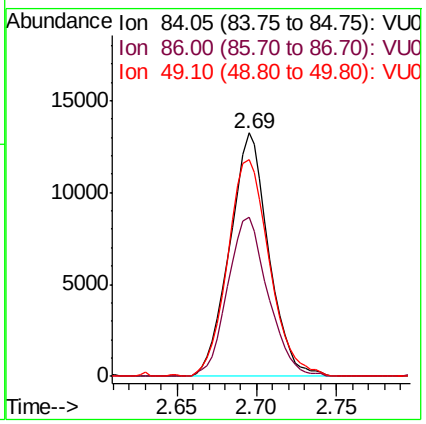


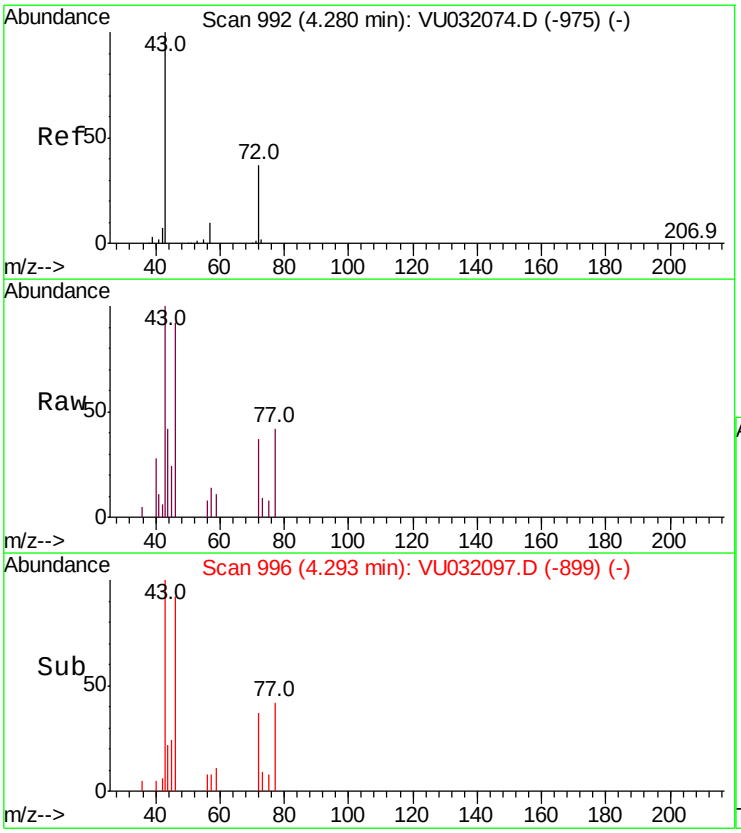
#16
Methylene chloride
Concen: 1.239 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032097.D
Acq: 17 May 2019 11:59

Instrument : MSVOA_U
ClientSampleId : F9W47

Tgt Ion: 84 Resp: 21956

Ion	Ratio	Lower	Upper
84	100		
86	65.3	43.1	80.1
49	89.1	67.7	125.7

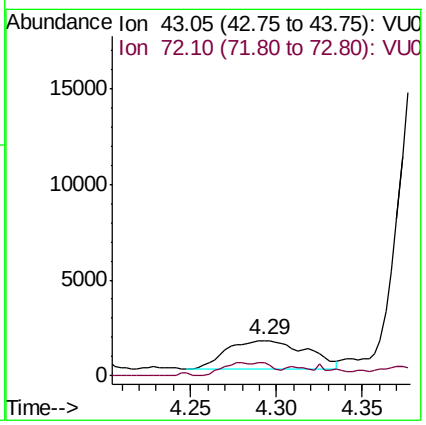


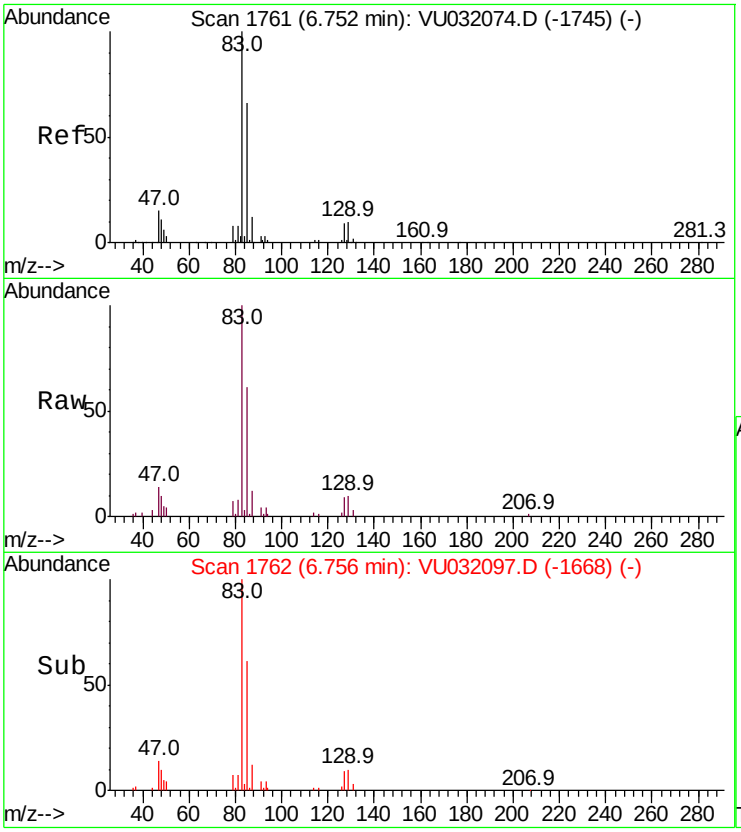


#21
2-Butanone
Concen: 1.710 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.01 min
Lab File: VU032097.D
Acq: 17 May 2019 11:59

Tgt Ion: 43 Resp: 4926

Ion	Ratio	Lower	Upper
43	100		
72	17.4	16.8	50.3



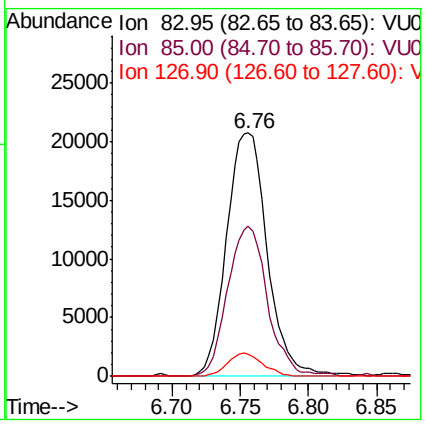


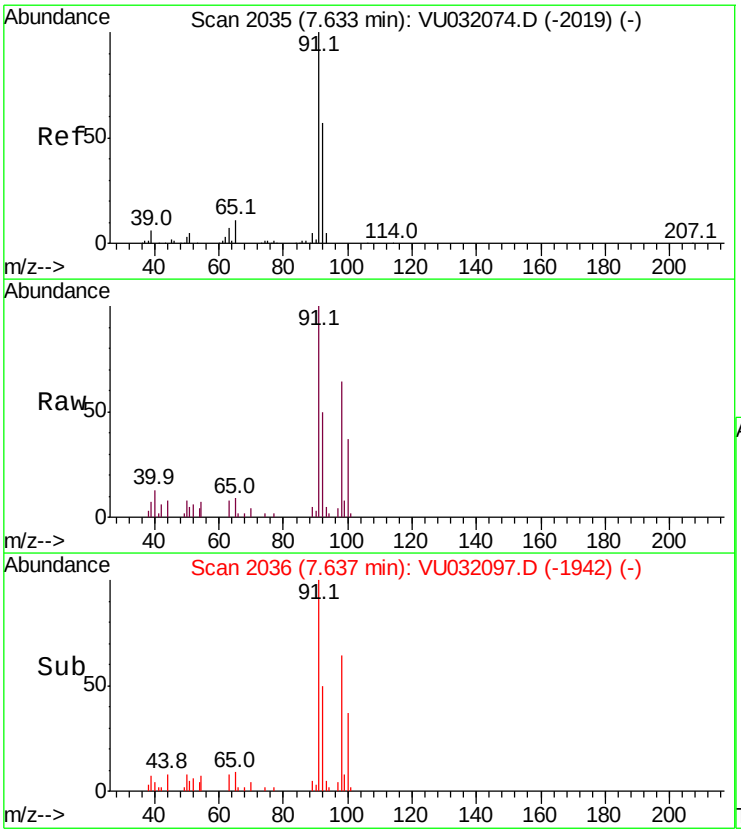
#38
Bromodichloromethane
Concen: 2.350 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU032097.D
Acq: 17 May 2019 11:59

Instrument : MSVOA_U
ClientSampleId : F9W47

Tgt Ion: 83 Resp: 42972

Ion	Ratio	Lower	Upper
83	100		
85	61.5	45.5	84.5
127	9.3	6.3	9.5





#42
Toluene
Concen: 0.185 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU032097.D
Acq: 17 May 2019 11:59

Tgt Ion: 91 Resp: 11319

Ion	Ratio	Lower	Upper
91	100		
92	50.4	40.2	74.6