Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\

Quantitation Report (Not Reviewed)

Data File : VU034801.D
Acq On : 25 Sep 2019 14:30
Operator : JC/SP
Sample : K4948-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDM8

Quant Time: Sep 26 04:44:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	473909	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	448937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	193918	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	210632	43.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.84%			
7) Chloroethane-d5	1.67	69	183036	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.62%			
11) 1,1-Dichloroethene-d2	2.26	63	284987	34.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.38%			
21) 2-Butanone-d5	4.15	46	384231	103.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.33%			
24) Chloroform-d	4.62	84	348579	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.84%			
26) 1,2-Dichloroethane-d4	5.29	65	241333	46.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.10%			
32) Benzene-d6	5.32	84	732520	52.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.28%			
36) 1,2-Dichloropropane-d6	6.31	67	261172	53.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.40%			
41) Toluene-d8	7.54	98	705439	53.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.58%			
43) trans-1,3-Dichloropropene-	7.83	79	111628	47.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.84%			
47) 2-Hexanone-d5	8.29	63	260740	106.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.74%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	342812	50.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	235257	57.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.72%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	9049	2.941	ug/L	97
18) Methyl tert-butyl Ether	2.98	73	37478	2.980	ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	6500	0.933	ug/L #	61
46) Tetrachloroethene	8.21	164	166244	61.462	ug/L	96
48) 2-Hexanone	8.29	43	32605	4.716	ug/L #	72

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

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MSVOA_U
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Quant Title : VOC Analysis
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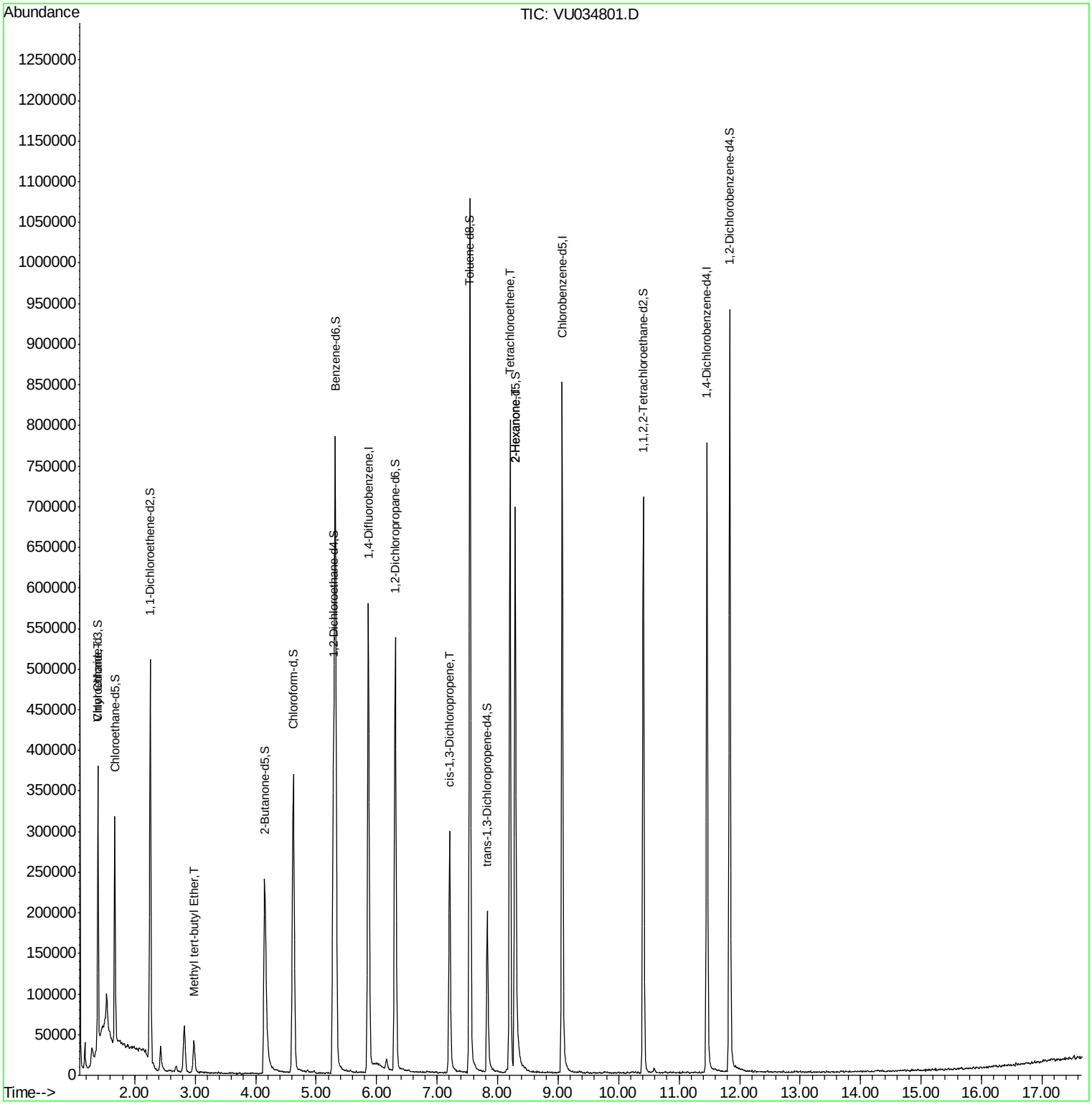
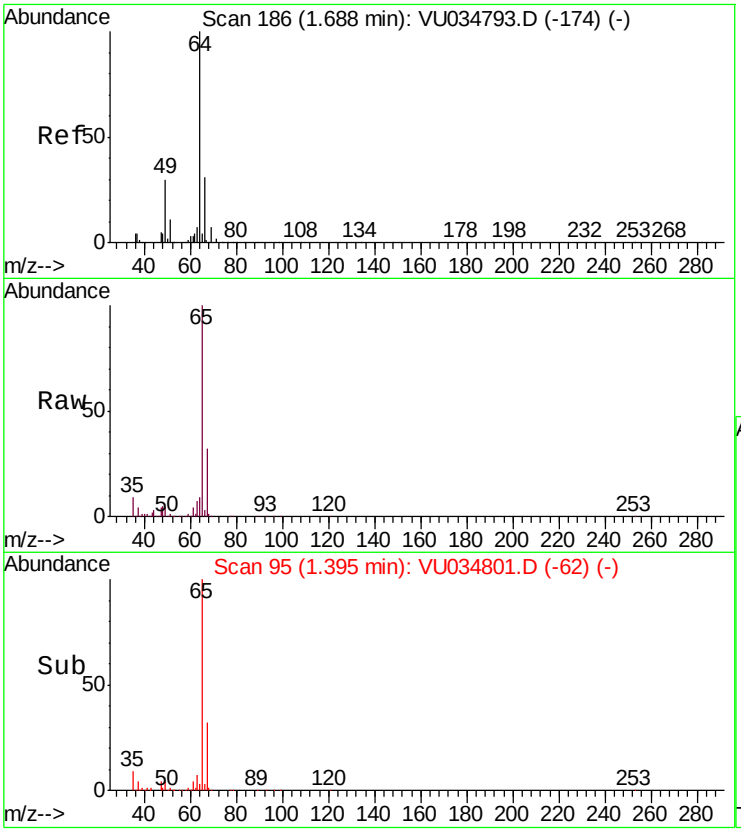


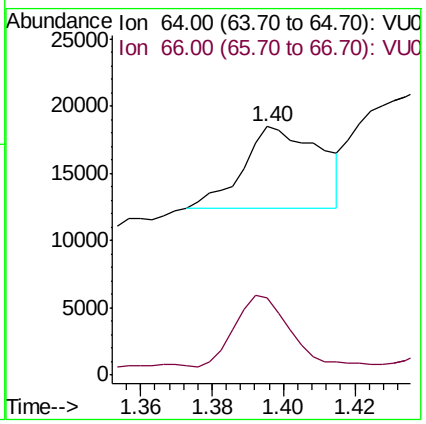


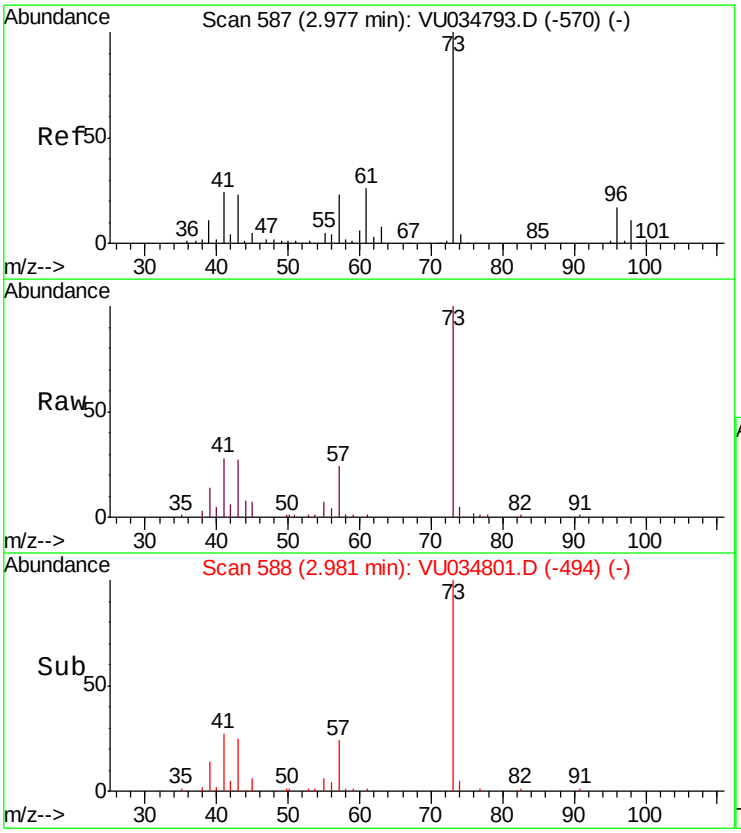
#8
Chloroethane
Concen: 2.941 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.29 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Instrument : MSVOA_U
ClientSampleId : BEDM8

Tgt Ion: 64 Resp: 9049

Ion	Ratio	Lower	Upper
64	100		
66	31.1	23.1	42.9

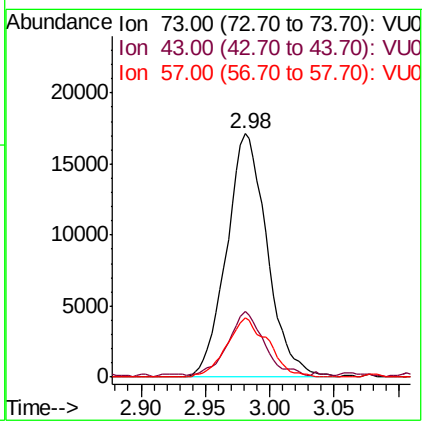


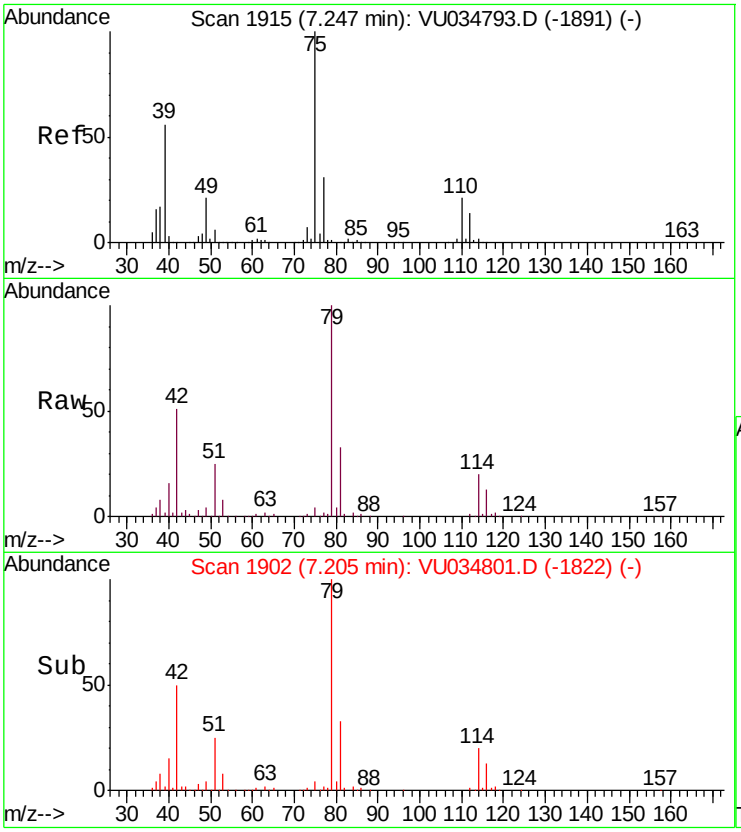


#18
Methyl tert-butyl Ether
Concen: 2.980 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Tgt Ion: 73 Resp: 37478

Ion	Ratio	Lower	Upper
73	100		
43	22.1	20.9	31.3
57	24.8	19.5	29.3



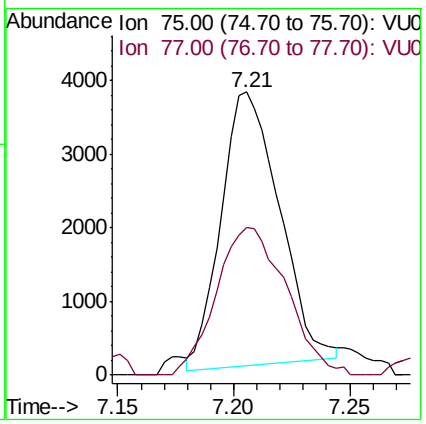


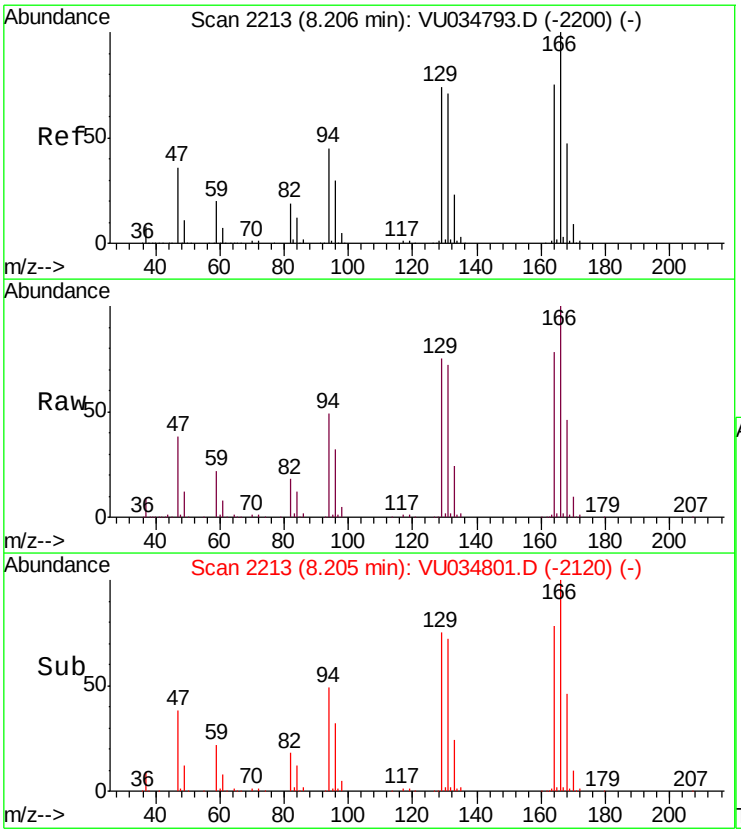
#39
cis-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
BEDM8

Tgt Ion: 75 Resp: 6500

Ion	Ratio	Lower	Upper
75	100		
77	52.1	21.4	39.8#

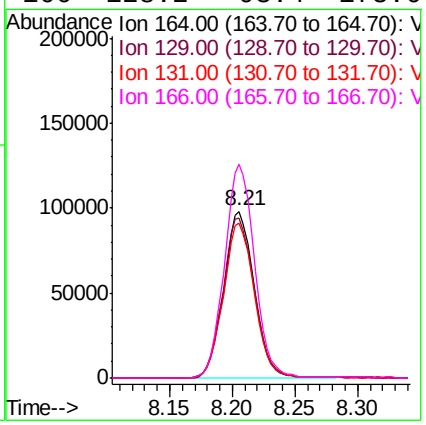


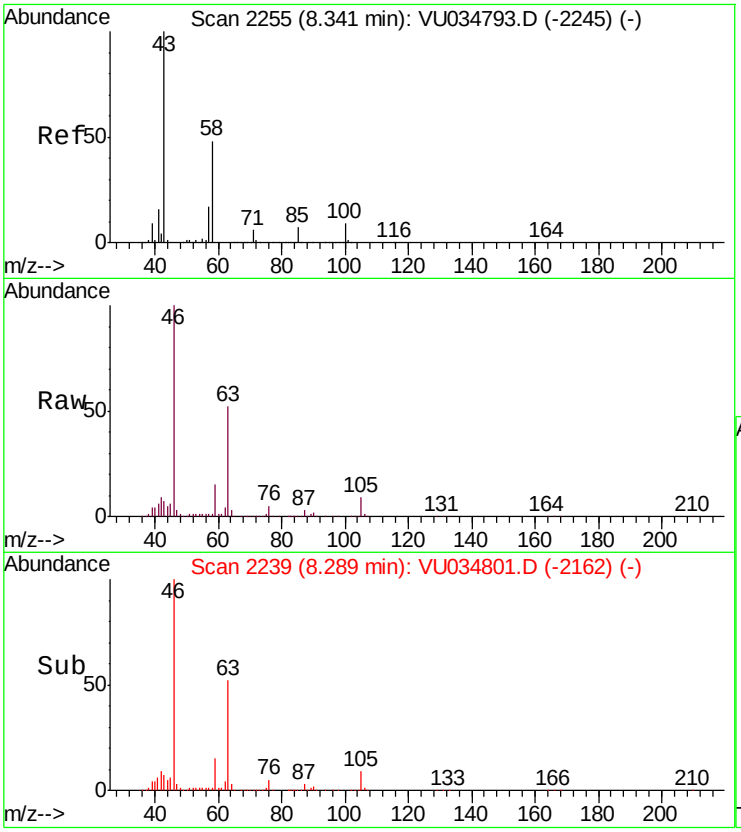


#46
Tetrachloroethene
Concen: 61.462 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Tgt Ion:164 Resp: 166244

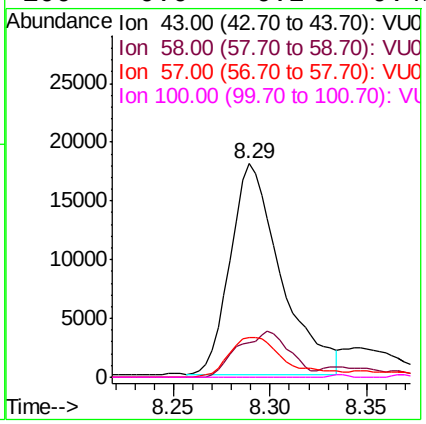
Ion	Ratio	Lower	Upper
164	100		
129	96.0	71.9	133.5
131	92.8	66.3	123.1
166	128.2	93.4	173.6





#48
2-Hexanone
Concen: 4.716 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034801.D
Acq: 25 Sep 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
BEDM8

Tgt Ion: 43 Resp: 32605

Ion	Ratio	Lower	Upper
43	100		
58	22.2	35.3	52.9#
57	21.0	12.1	18.1#
100	0.0	6.2	9.4#