Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\

Quantitation Report (Not Reviewed)

Data File : VU034695.D
Acq On : 20 Sep 2019 17:42
Operator : JC/SP
Sample : K4948-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDP1

Quant Time: Sep 21 02:34:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	480455	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	466516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	204546	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	199611	40.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.16%			
7) Chloroethane-d5	1.67	69	173745	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.26	63	279671	33.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.16%			
21) 2-Butanone-d5	4.15	46	392344	104.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.08%			
24) Chloroform-d	4.62	84	343895	48.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.18%			
26) 1,2-Dichloroethane-d4	5.29	65	251293	47.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.62%			
32) Benzene-d6	5.32	84	678099	46.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.31	67	245061	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.98%			
41) Toluene-d8	7.54	98	644163	46.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.64%			
43) trans-1,3-Dichloropropene-	7.83	79	109318	45.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.32%			
47) 2-Hexanone-d5	8.29	63	249191	98.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.17%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	328165	46.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	218570	50.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.92%			
Target Compounds						Qvalue
13) Acetone	2.31	43	119960	27.356	ug/L	99
34) Trichloroethene	6.17	95	4547	1.138	ug/L	92
39) cis-1,3-Dichloropropene	7.21	75	8457	1.168	ug/L	83
46) Tetrachloroethene	8.21	164	37069	13.188	ug/L	93
48) 2-Hexanone	8.29	43	32762	4.561	ug/L #	61
59) 1,2,3-Trichloropropane	11.46	75	31305	5.202	ug/L	89

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

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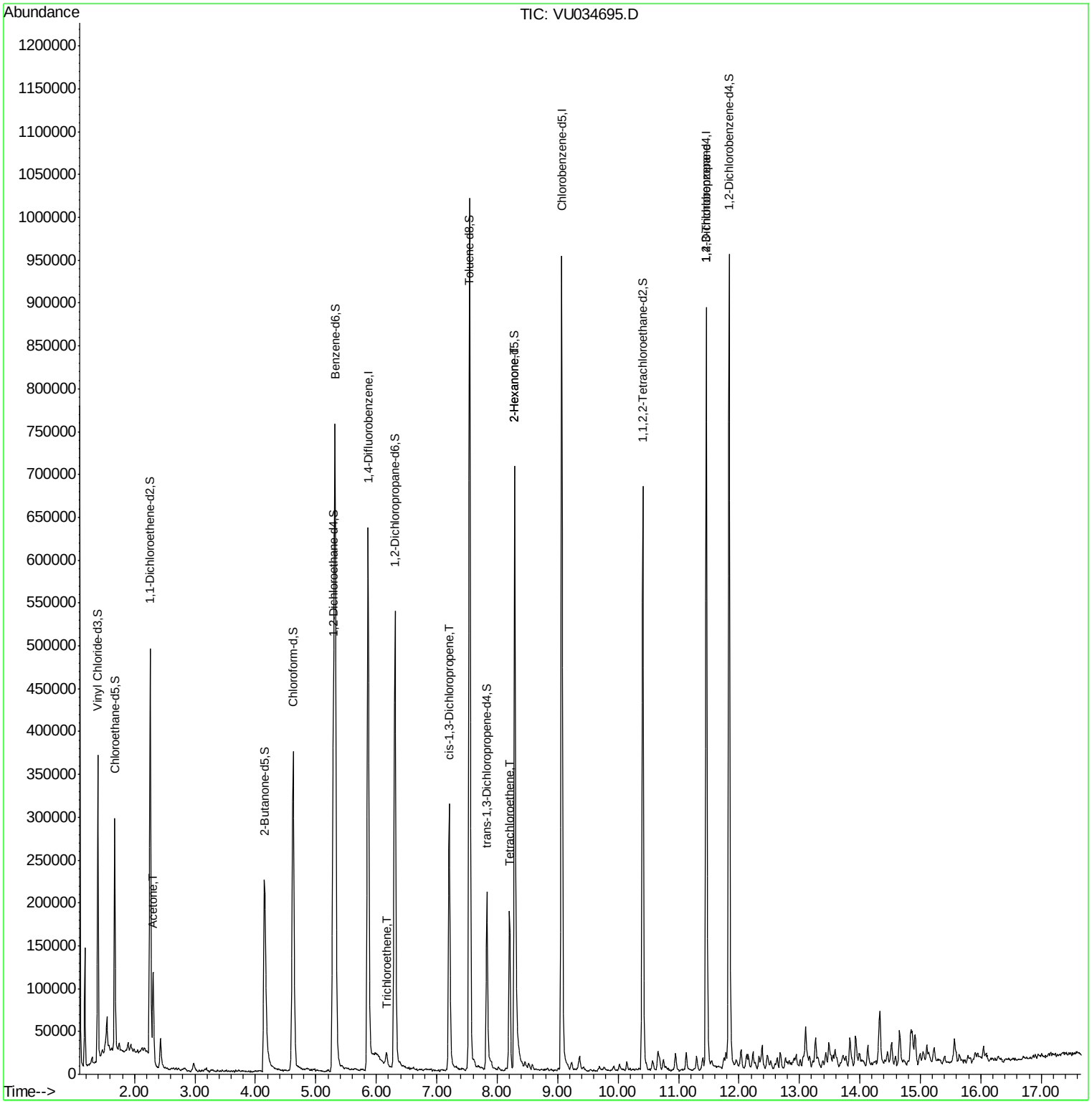
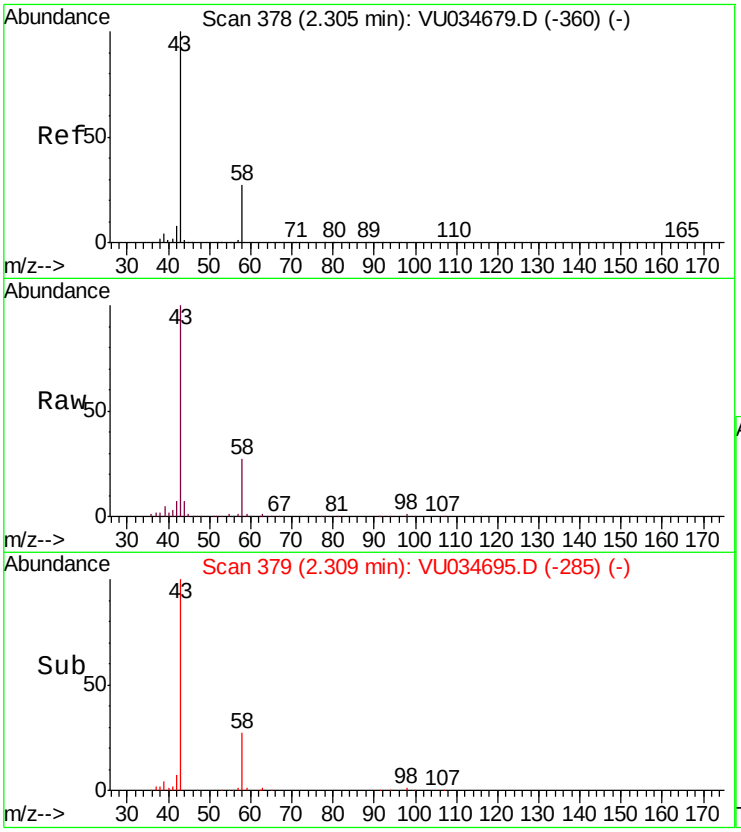


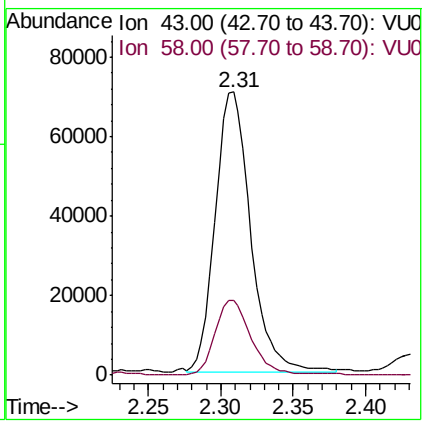


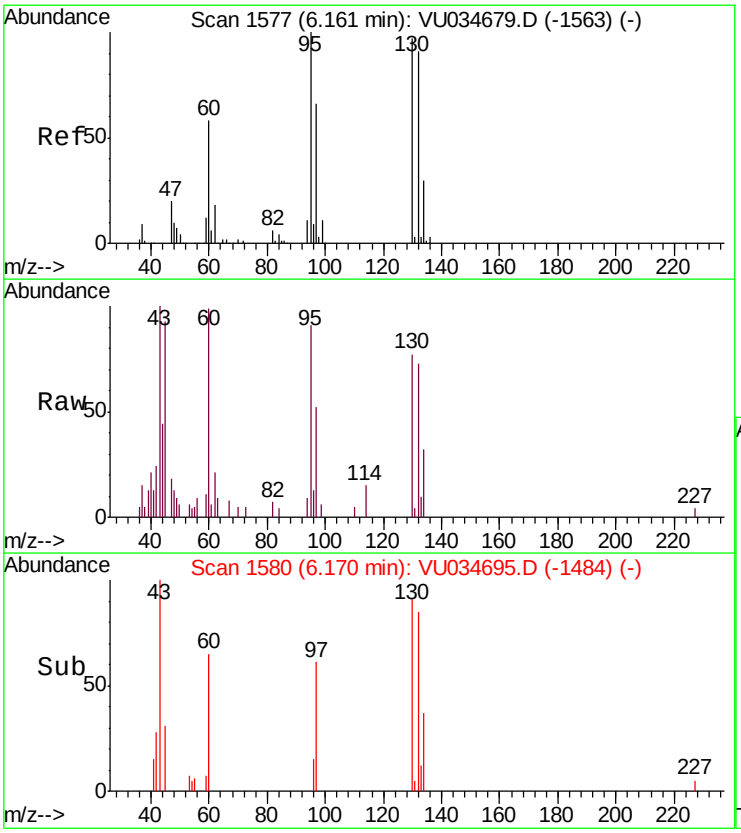
#13
Acetone
Concen: 27.356 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU034695.D
Acq: 20 Sep 2019 17:42

Instrument : MSVOA_U
ClientSampleId : BEDP1

Tgt Ion: 43 Resp: 119960

Ion	Ratio	Lower	Upper
43	100		
58	27.0	0.0	53.4

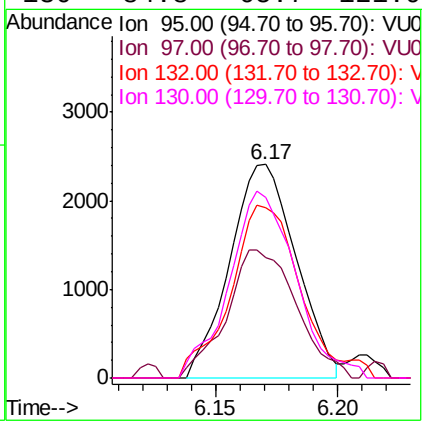


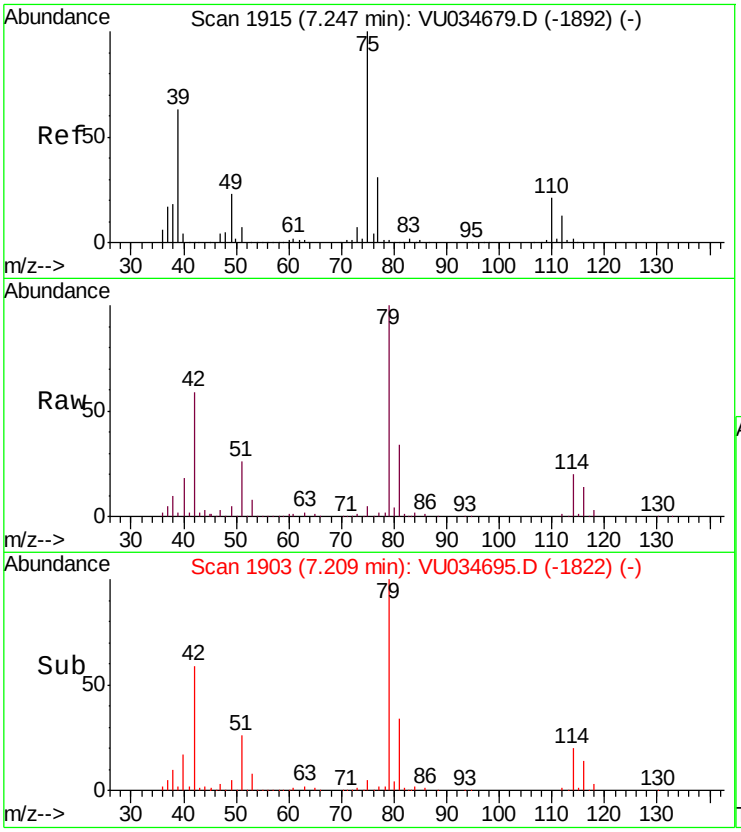


#34
Trichloroethene
Concen: 1.138 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU034695.D
Acq: 20 Sep 2019 17:42

Tgt Ion: 95 Resp: 4547

Ion	Ratio	Lower	Upper
95	100		
97	56.6	43.7	81.1
132	79.5	61.0	113.2
130	84.8	65.7	121.9



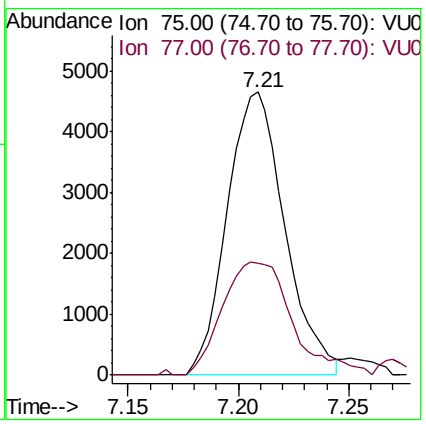


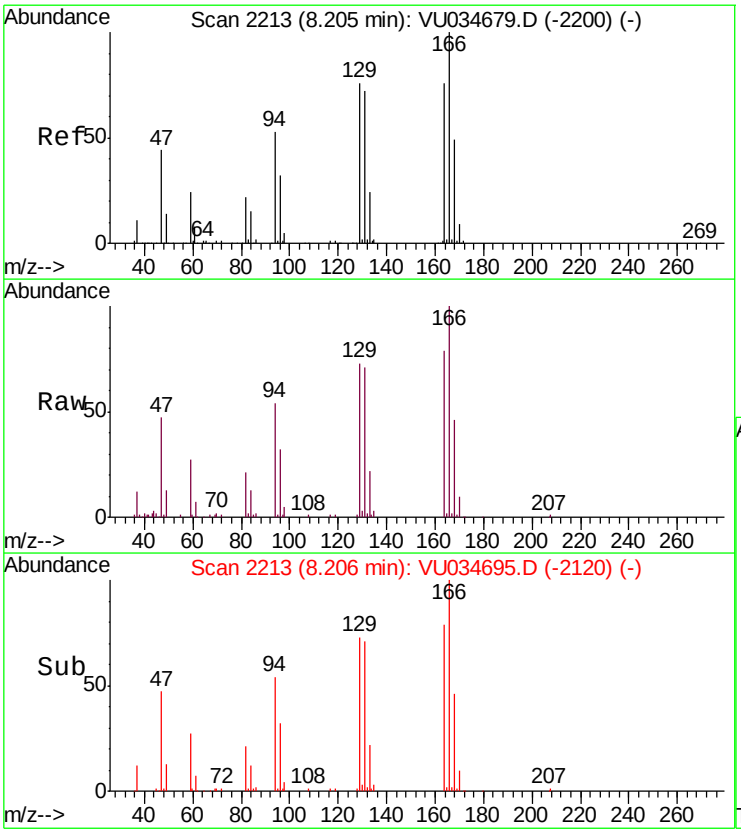
#39
cis-1,3-Dichloropropene
Concen: 1.168 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU034695.D
Acq: 20 Sep 2019 17:42

Instrument : MSVOA_U
ClientSampleId : BEDP1

Tgt Ion: 75 Resp: 8457

Ion	Ratio	Lower	Upper
75	100		
77	39.7	21.4	39.8

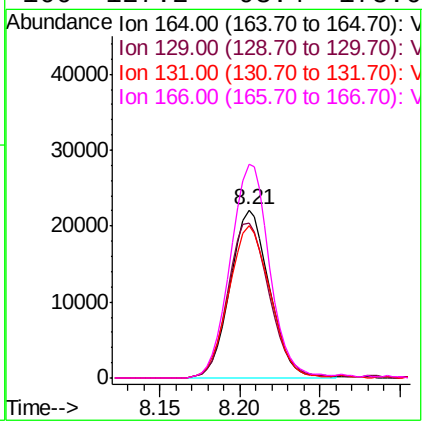


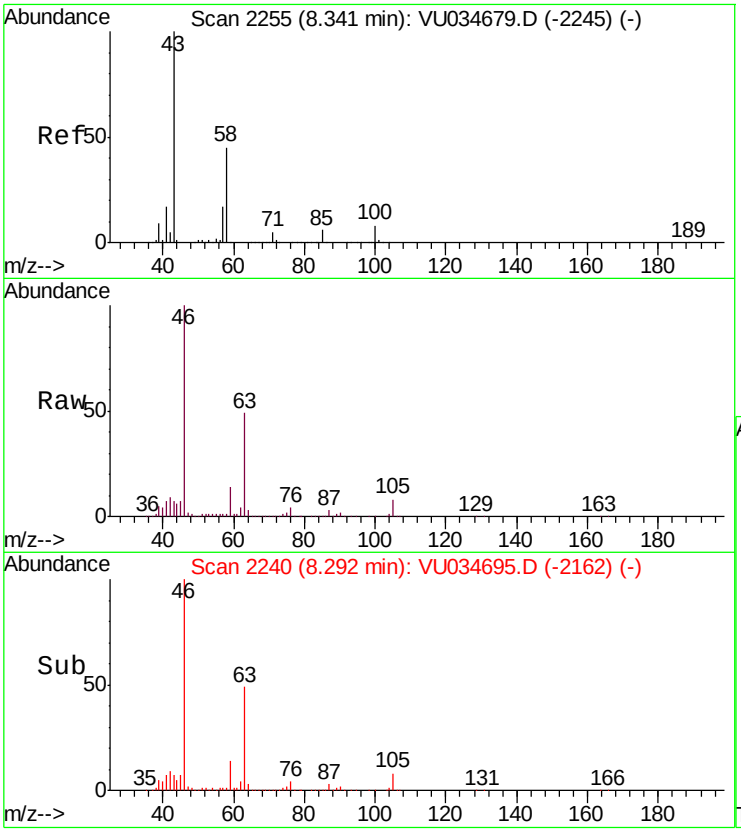


#46
Tetrachloroethene
Concen: 13.188 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034695.D
Acq: 20 Sep 2019 17:42

Tgt Ion:164 Resp: 37069

Ion	Ratio	Lower	Upper
164	100		
129	92.3	71.9	133.5
131	90.6	66.3	123.1
166	127.2	93.4	173.6



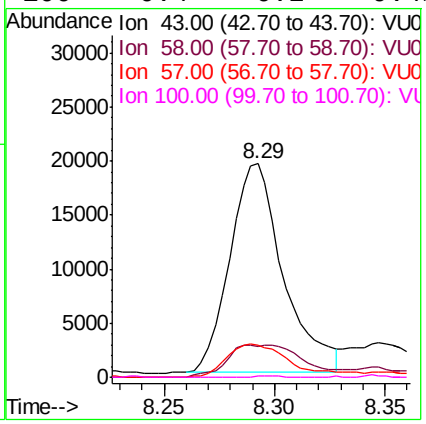


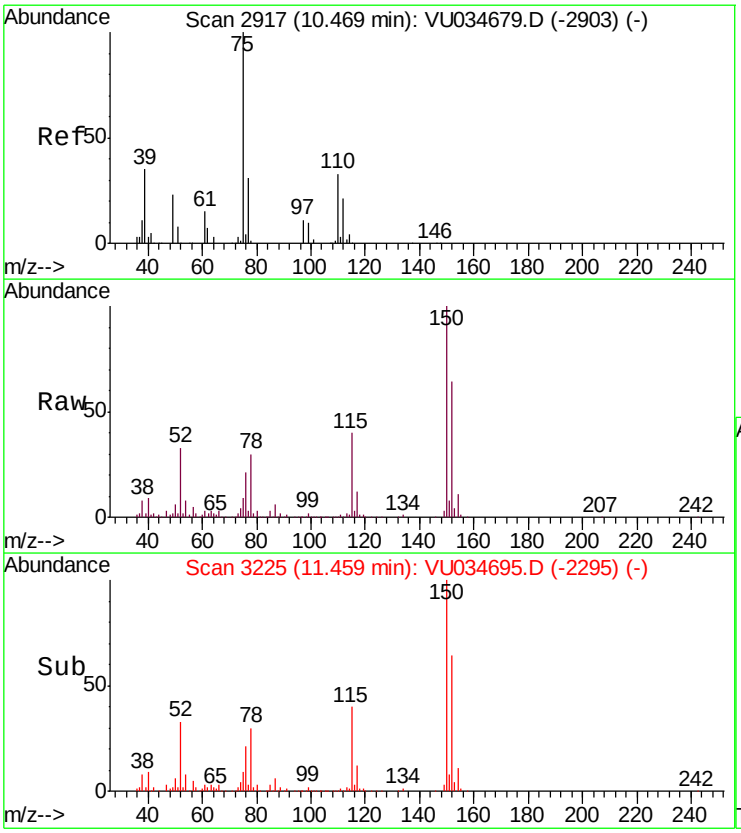
#48
2-Hexanone
Concen: 4.561 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034695.D
Acq: 20 Sep 2019 17:42

Instrument : MSVOA_U
ClientSampleId : BEDP1

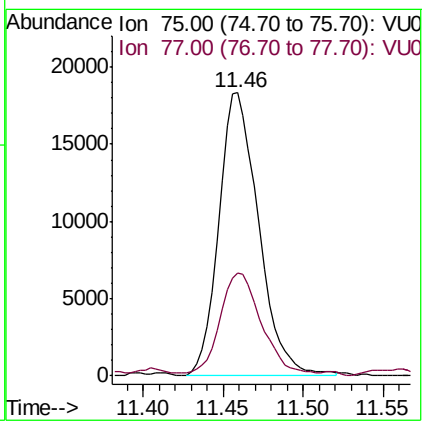
Tgt Ion: 43 Resp: 32762

Ion	Ratio	Lower	Upper
43	100		
58	9.5	35.3	52.9#
57	17.2	12.1	18.1
100	0.4	6.2	9.4#





#59
1,2,3-Trichloropropane
Concen: 5.202 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034695.D
Acq: 20 Sep 2019 17:42

Tgt Ion: 75 Resp: 31305

Ion	Ratio	Lower	Upper
75	100		
77	36.8	24.6	37.0