Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082318\
Data File : VW004894.D
Acq On : 23 Aug 2018 13:40
Operator : SY/AP
Sample : J4624-02
Misc : 6.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Aug 24 05:01:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	828989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	815621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	373419	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	328318	20.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.80%			
7) Chloroethane-d5	2.89	69	253098	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.16%			
10) 1,1-Dichloroethene-d2	4.03	63	331232	16.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.20%			
20) 2-Butanone-d5	7.09	46	120221	37.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.40%			
24) Chloroform-d	7.66	84	411747	22.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.48%			
26) 1,2-Dichloroethane-d4	8.31	65	225230	22.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.08%			
29) Benzene-d6	8.28	84	1018904	24.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.16%			
33) 1,2-Dichloropropane-d6	9.28	67	293683	23.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.28%			
37) Toluene-d8	10.33	98	1027645	23.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.48%			
38) trans-1,3-Dichloropropene-	10.59	79	122735	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.56%			
39) 2-Hexanone-d5	10.93	63	124409	40.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.48%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	251303	20.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.16%			
61) 1,2-Dichlorobenzene-d4	13.87	152	367526	24.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
13) Acetone	4.15	43	6904	2.795	ug/L	85
18) trans-1,2-Dichloroethene	5.43	96	78866	7.847	ug/L	97
22) cis-1,2-Dichloroethene	7.18	96	1755077	161.835	ug/L	97
35) Trichloroethene	9.10	95	674649	58.341	ug/L	99
47) Tetrachloroethene	10.87	164	2727032	240.880	ug/L	99

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

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QLast Update : Fri Aug 24 05:01:02 2018
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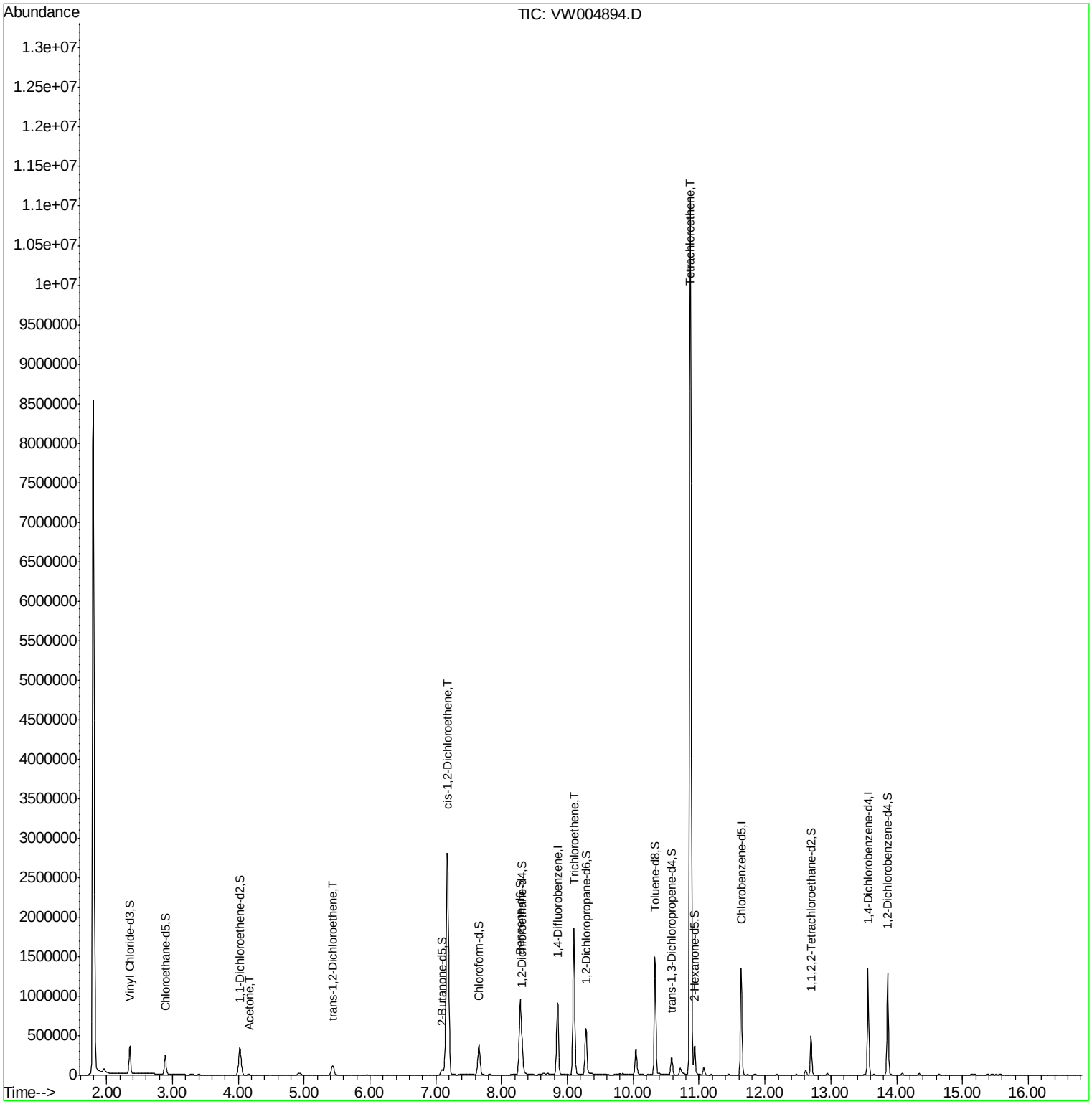
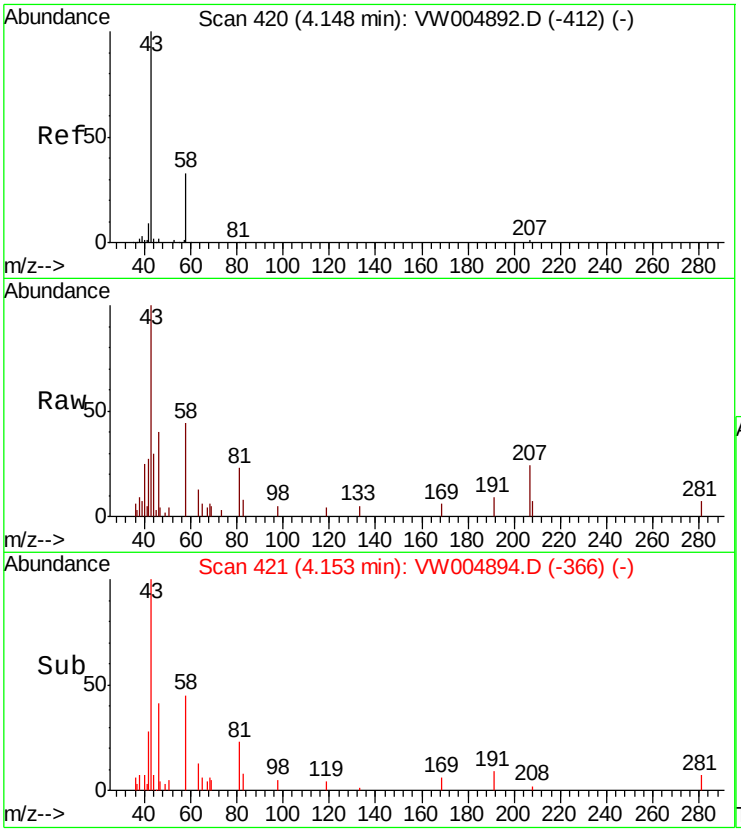


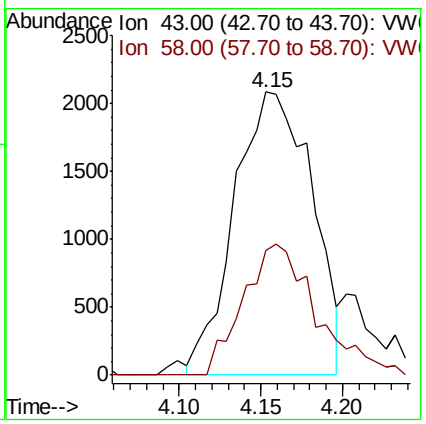


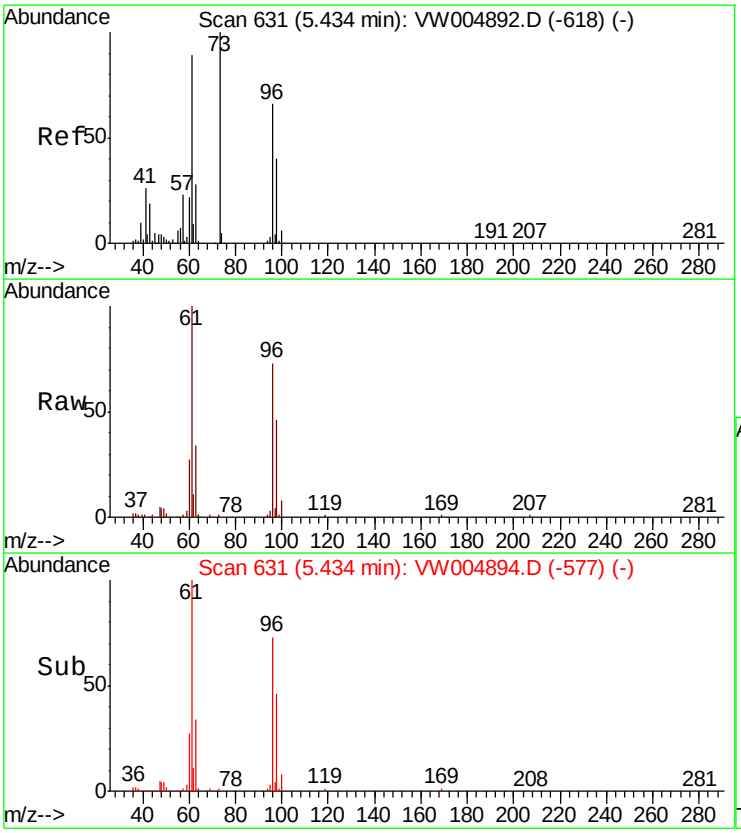
#13
Acetone
Concen: 2.795 ug/L
RT: 4.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 6904

Ion	Ratio	Lower	Upper
43	100		
58	43.5	0.0	69.4

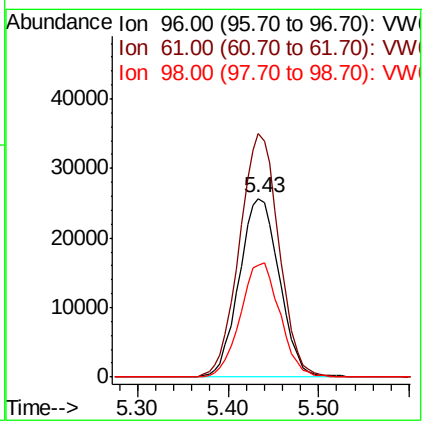


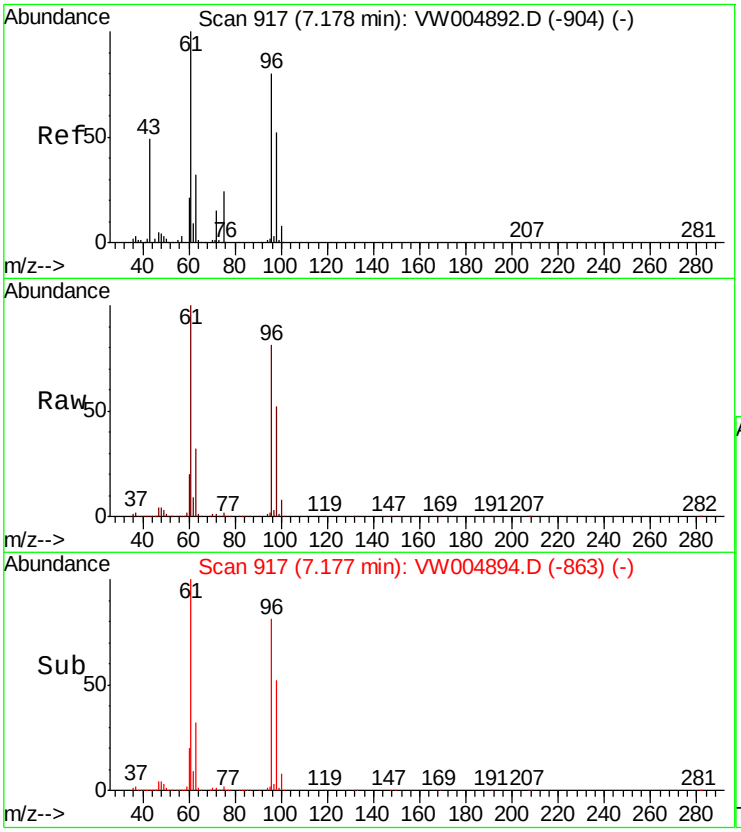


#18
trans-1,2-Dichloroethene
Concen: 7.847 ug/L
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Tgt Ion: 96 Resp: 78866

Ion	Ratio	Lower	Upper
96	100		
61	136.5	92.5	171.9
98	62.5	42.8	79.4



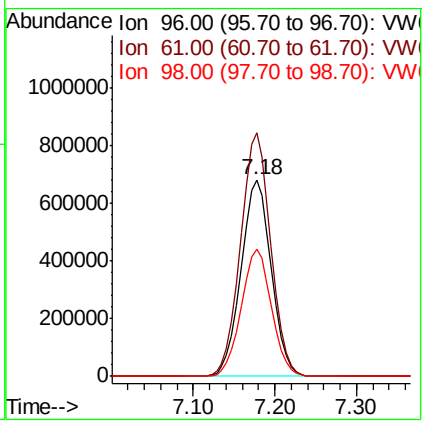


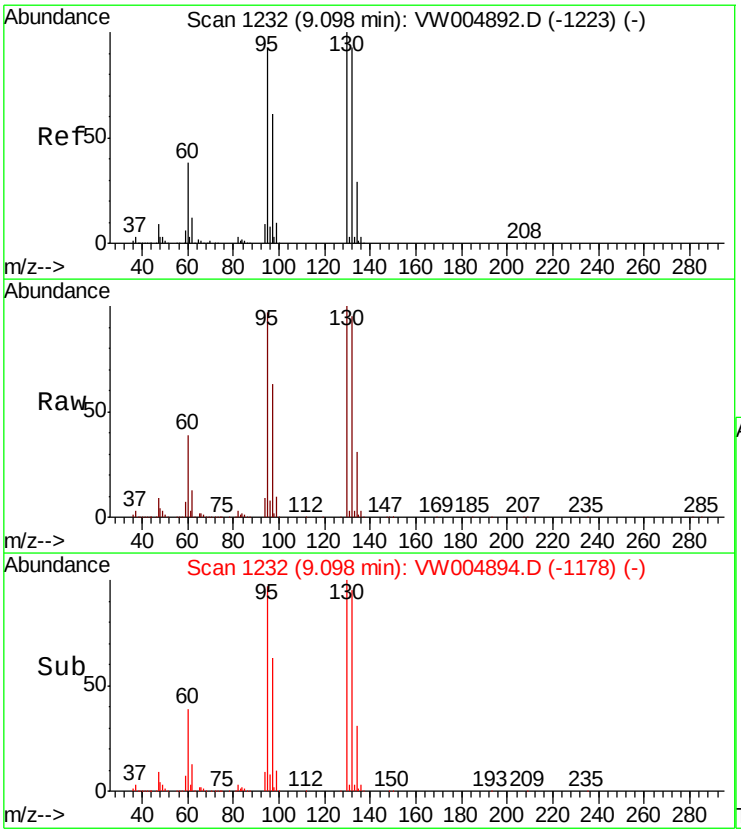
#22
cis-1,2-Dichloroethene
Concen: 161.835 ug/L
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 96 Resp: 1755077

Ion	Ratio	Lower	Upper
96	100		
61	124.0	89.7	166.7
98	64.5	45.0	83.6

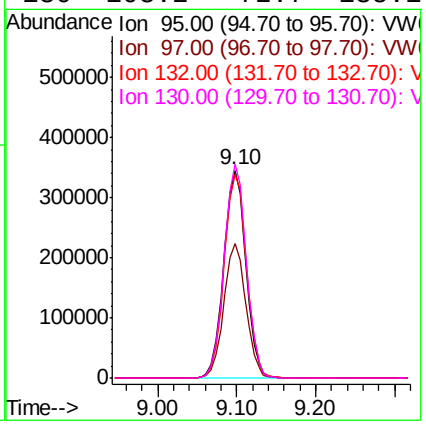


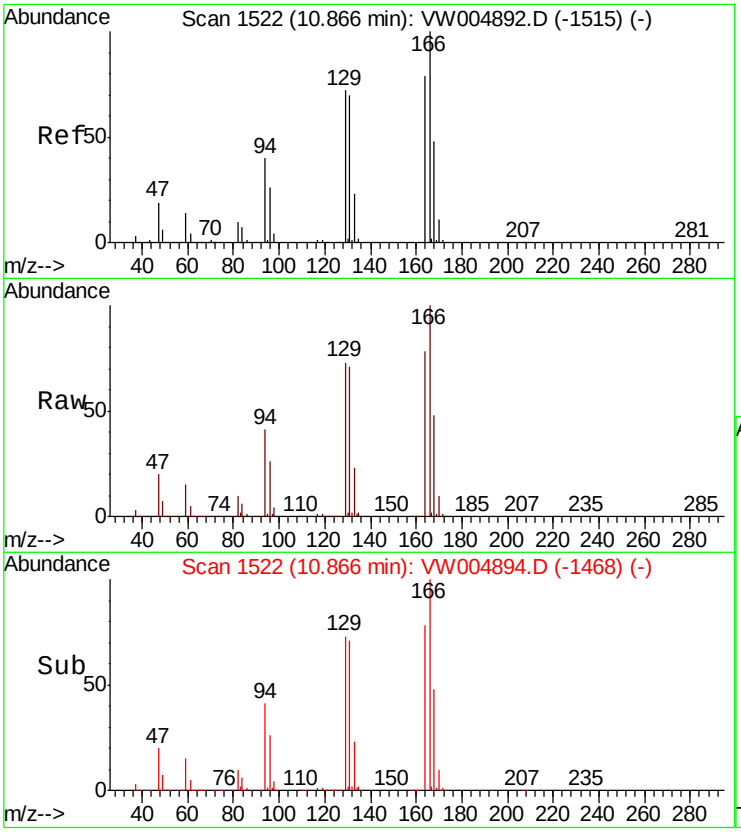


#35
Trichloroethene
Concen: 58.341 ug/L
RT: 9.10 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Tgt Ion: 95 Resp: 674649

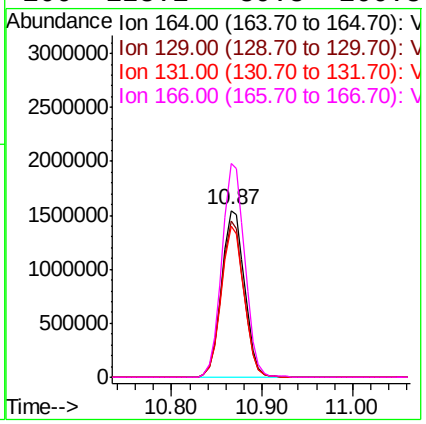
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	99.0	69.2	128.4
130	103.2	72.7	135.1





#47
Tetrachloroethene
Concen: 240.880 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004894.D
Acq: 23 Aug 2018 13:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 2727032

Ion	Ratio	Lower	Upper
164	100		
129	94.0	66.8	124.0
131	91.0	64.0	119.0
166	128.1	89.8	166.8