Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070920\
Data File : VV017427.D
Acq On : 10 Jul 2020 02:52
Operator : SY/MD
Sample : L3253-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 10 06:01:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 10 05:13:25 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : F4A40

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	260619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125549	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56449	39.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.48%			
7) Chloroethane-d5	1.58	69	42588m	42.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.30%			
11) 1,1-Dichloroethene-d2	2.12	63	97391	29.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.80%#			
21) 2-Butanone-d5	3.91	46	88809	90.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.39%			
24) Chloroform-d	4.38	84	141290	42.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.92%			
26) 1,2-Dichloroethane-d4	5.06	65	105258	46.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.18%			
32) Benzene-d6	5.08	84	249577	44.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.66%			
36) 1,2-Dichloropropane-d6	6.09	67	73133	45.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.22%			
41) Toluene-d8	7.34	98	234235	43.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.56%			
43) trans-1,3-Dichloropropene-	7.64	79	38932	41.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.52%			
47) 2-Hexanone-d5	8.11	63	59758	89.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.81%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96450	42.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.74%			
64) 1,2-Dichlorobenzene-d4	11.65	152	102079	48.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.26%			
Target Compounds						Qvalue
13) Acetone	2.19	43	5203	3.890	ug/L	62
19) 1,1-Dichloroethane	3.21	63	19033m	5.735	ug/L	
20) cis-1,2-Dichloroethene	3.94	96	286641m	148.230	ug/L	
27) 1,2-Dichloroethane	5.16	62	8359	2.553	ug/L	99
34) Trichloroethene	5.95	95	6191	3.027	ug/L #	89
46) Tetrachloroethene	8.00	164	20054	11.677	ug/L	98

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

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Instrument :
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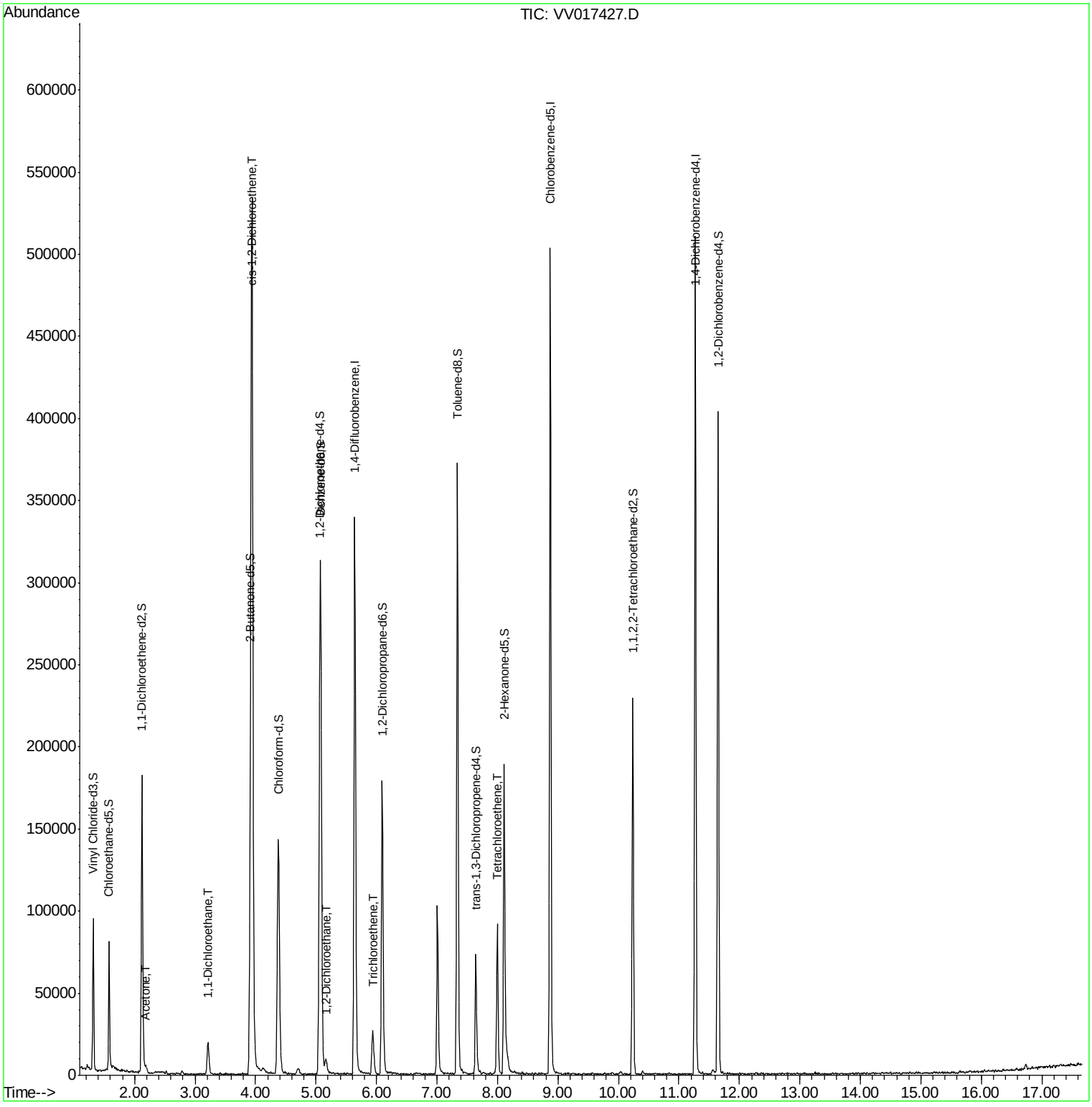
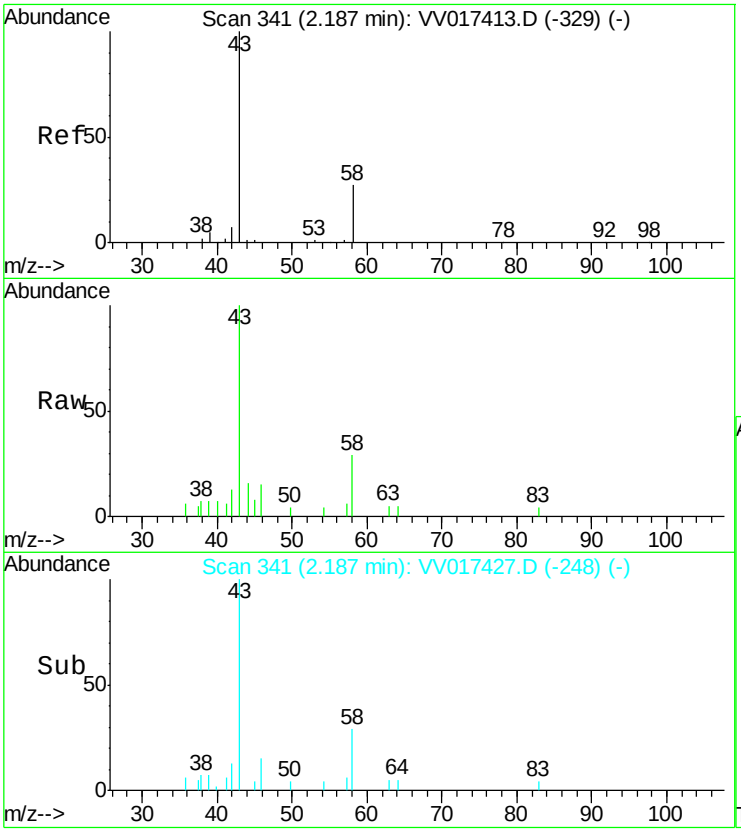
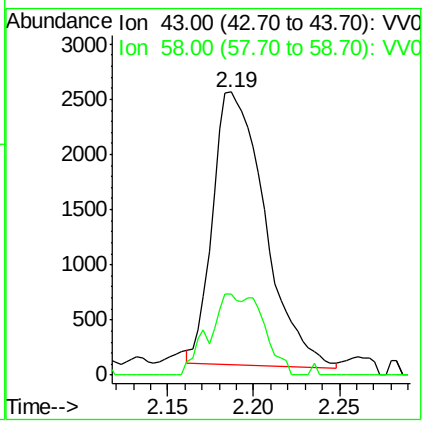




#13
Acetone
Concen: 3.890 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

Tgt Ion: 43 Resp: 5203

Ion	Ratio	Lower	Upper
43	100		
58	7.8	0.0	56.0



Instrument :
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ClientSampleId :
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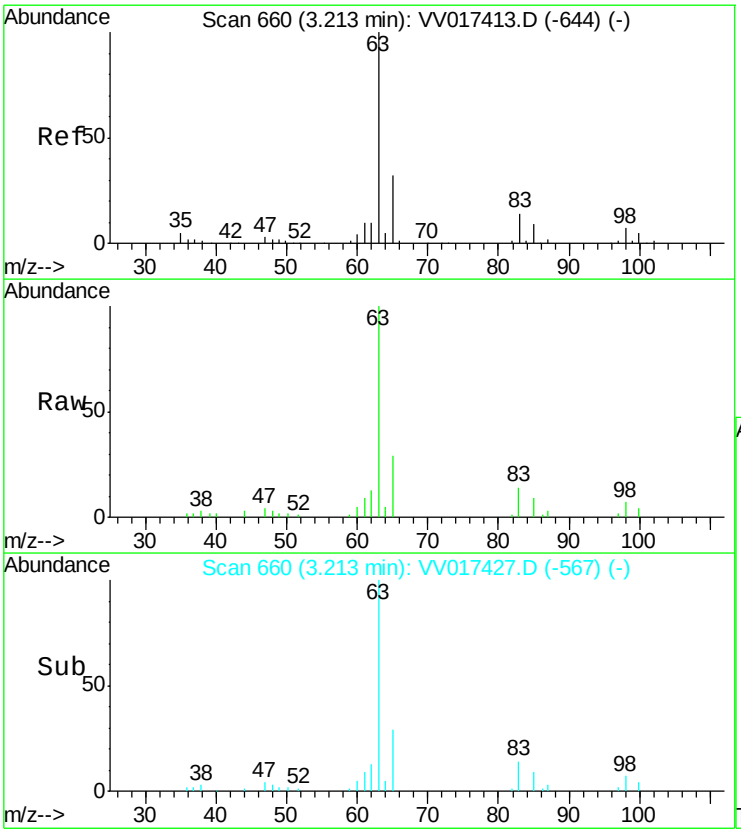
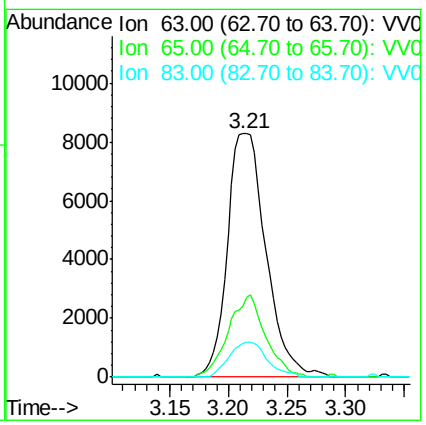
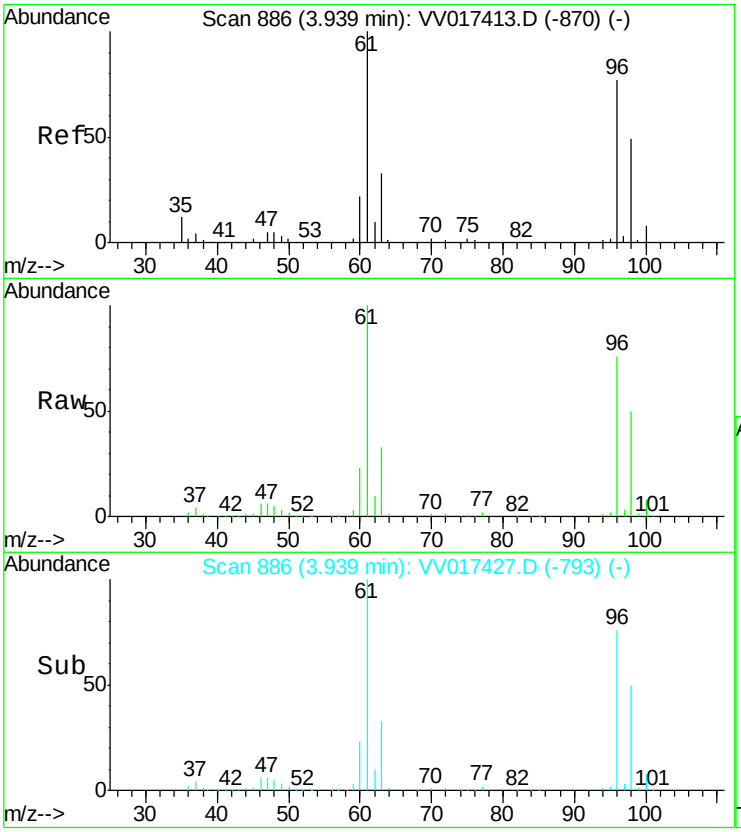


#19
1,1-Dichloroethane
Concen: 5.735 ug/L m
RT: 3.21 min Scan# 660
Delta R.T. -0.00 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

Tgt Ion: 63 Resp: 19033

Ion	Ratio	Lower	Upper
63	100		
65	29.0	22.1	41.1
83	13.7	10.1	18.9

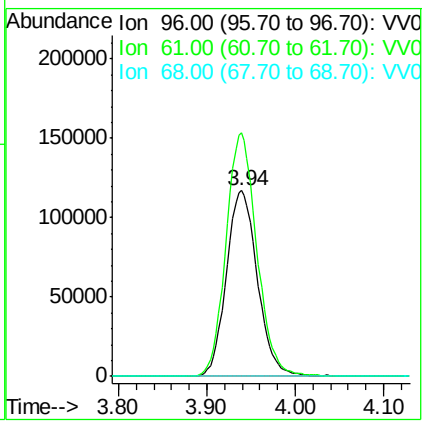




#20
cis-1,2-Dichloroethene
Concen: 148.230 ug/L m
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

Tgt Ion: 96 Resp: 286641

Ion	Ratio	Lower	Upper
96	100		
61	131.1	88.9	165.1
68	0.1	0.0	0.0#



Instrument :
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ClientSampleId :
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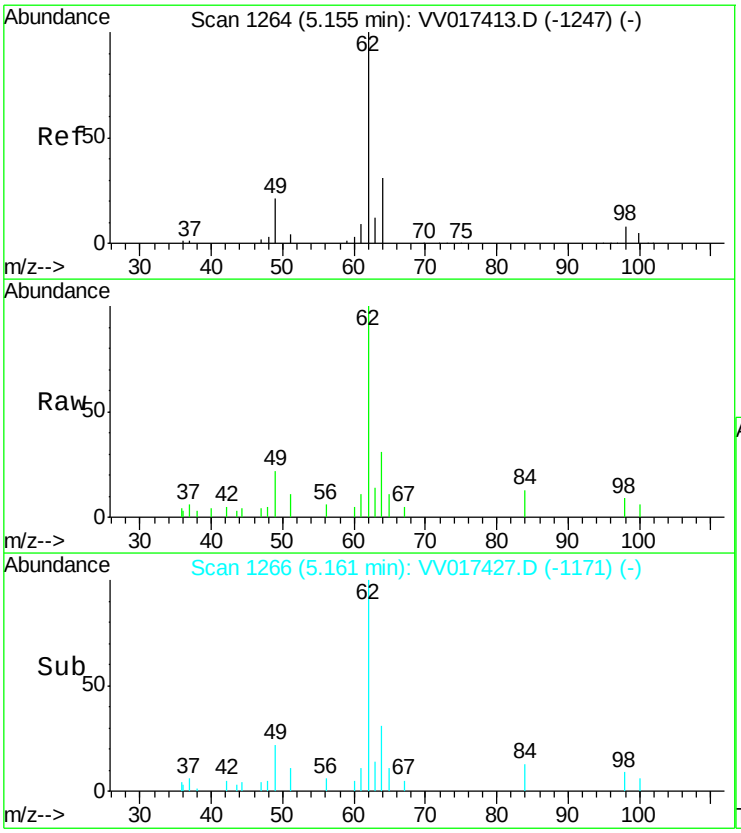
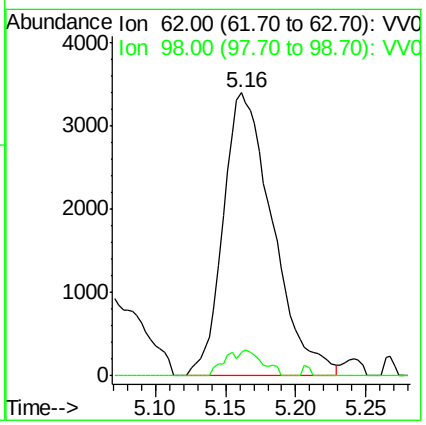
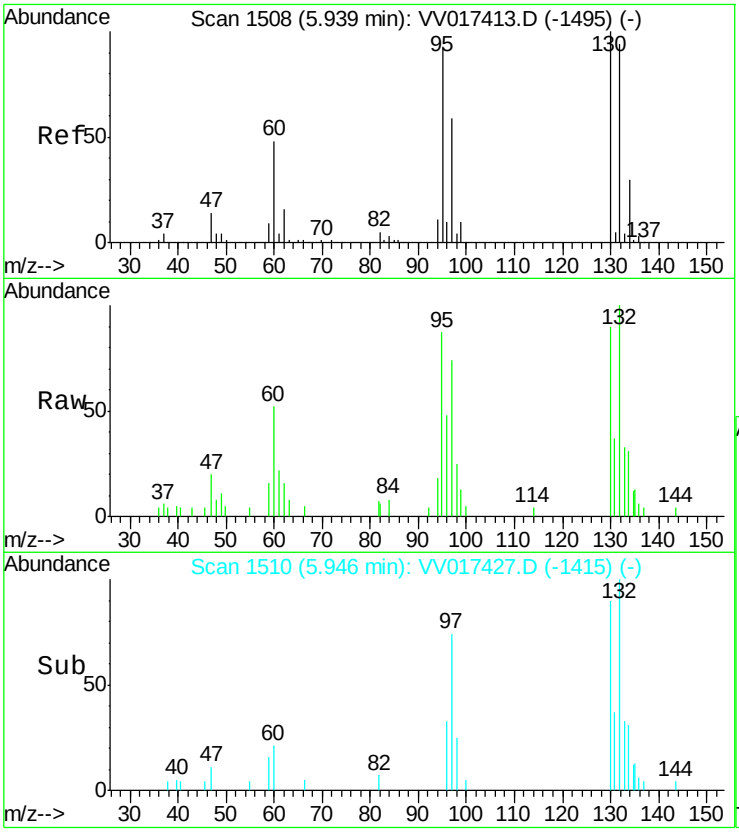


#27
1,2-Dichloroethane
Concen: 2.553 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

Tgt Ion: 62 Resp: 8359

Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.4	9.6

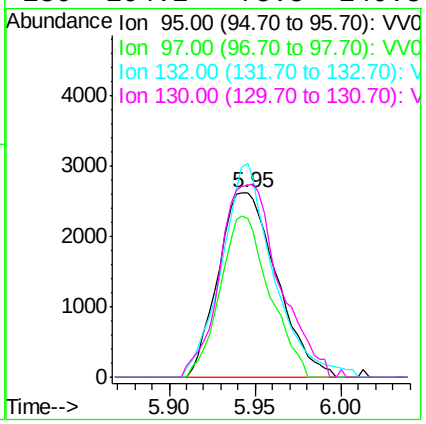




#34
Trichloroethene
Concen: 3.027 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

Tgt Ion: 95 Resp: 6191

Ion	Ratio	Lower	Upper
95	100		
97	85.9	45.6	84.6#
132	115.5	74.1	137.5
130	104.2	75.5	140.3



Instrument :
MSVOA_V
ClientSampleId :
F4A40

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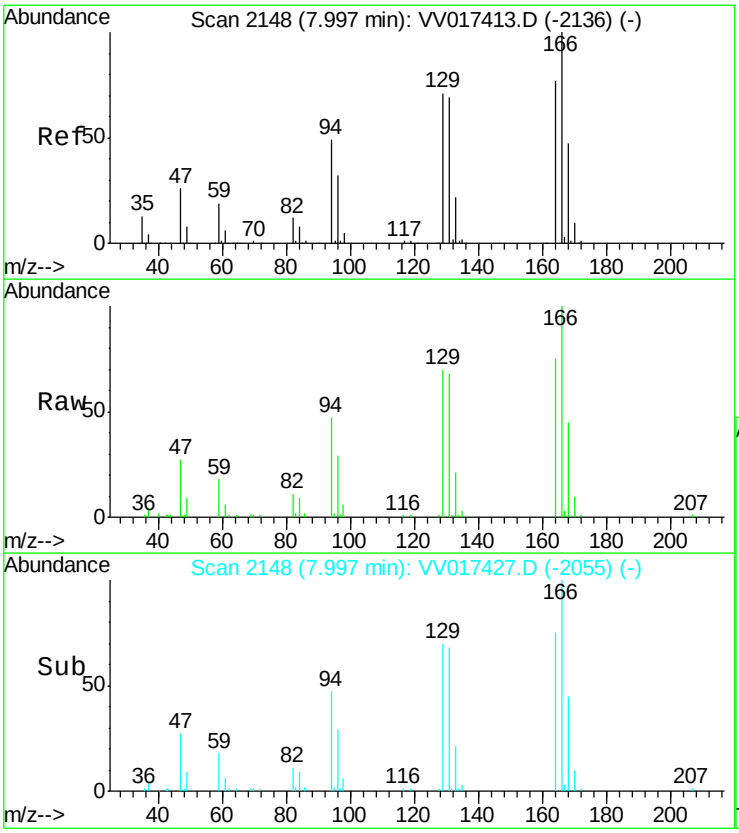

#46
Tetrachloroethene
Concen: 11.677 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

Tgt Ion:164 Resp: 20054

Ion	Ratio	Lower	Upper
164	100		
129	92.9	66.6	123.8
131	90.7	65.5	121.7
166	133.4	93.9	174.5