Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
Data File : VV018029.D
Acq On : 17 Aug 2020 16:46
Operator : SY/MD
Sample : L3665-17DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L37DL

Quant Time: Aug 18 02:54:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 18 01:23:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268764	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127103	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89959	43.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.74%			
7) Chloroethane-d5	1.58	69	76994	45.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.78%			
11) 1,1-Dichloroethene-d2	2.12	63	134219	34.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.44%			
21) 2-Butanone-d5	3.91	46	123089	91.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.65%			
24) Chloroform-d	4.38	84	164487	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.12%			
26) 1,2-Dichloroethane-d4	5.06	65	112948	46.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.16%			
32) Benzene-d6	5.08	84	330379	45.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.96%			
36) 1,2-Dichloropropane-d6	6.09	67	107168	45.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.24%			
41) Toluene-d8	7.34	98	291053	44.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.10%			
43) trans-1,3-Dichloropropene-	7.64	79	49338	45.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.60%			
47) 2-Hexanone-d5	8.11	63	58686	77.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.00%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129848	41.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.96%			
64) 1,2-Dichlorobenzene-d4	11.65	152	120811	48.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	3823	1.601	ug/L #	54
17) trans-1,2-Dichloroethene	2.78	96	1899	1.025	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	133388	65.498	ug/L	96
34) Trichloroethene	5.94	95	23778	11.030	ug/L	99
46) Tetrachloroethene	8.00	164	1706	1.079	ug/L	90

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

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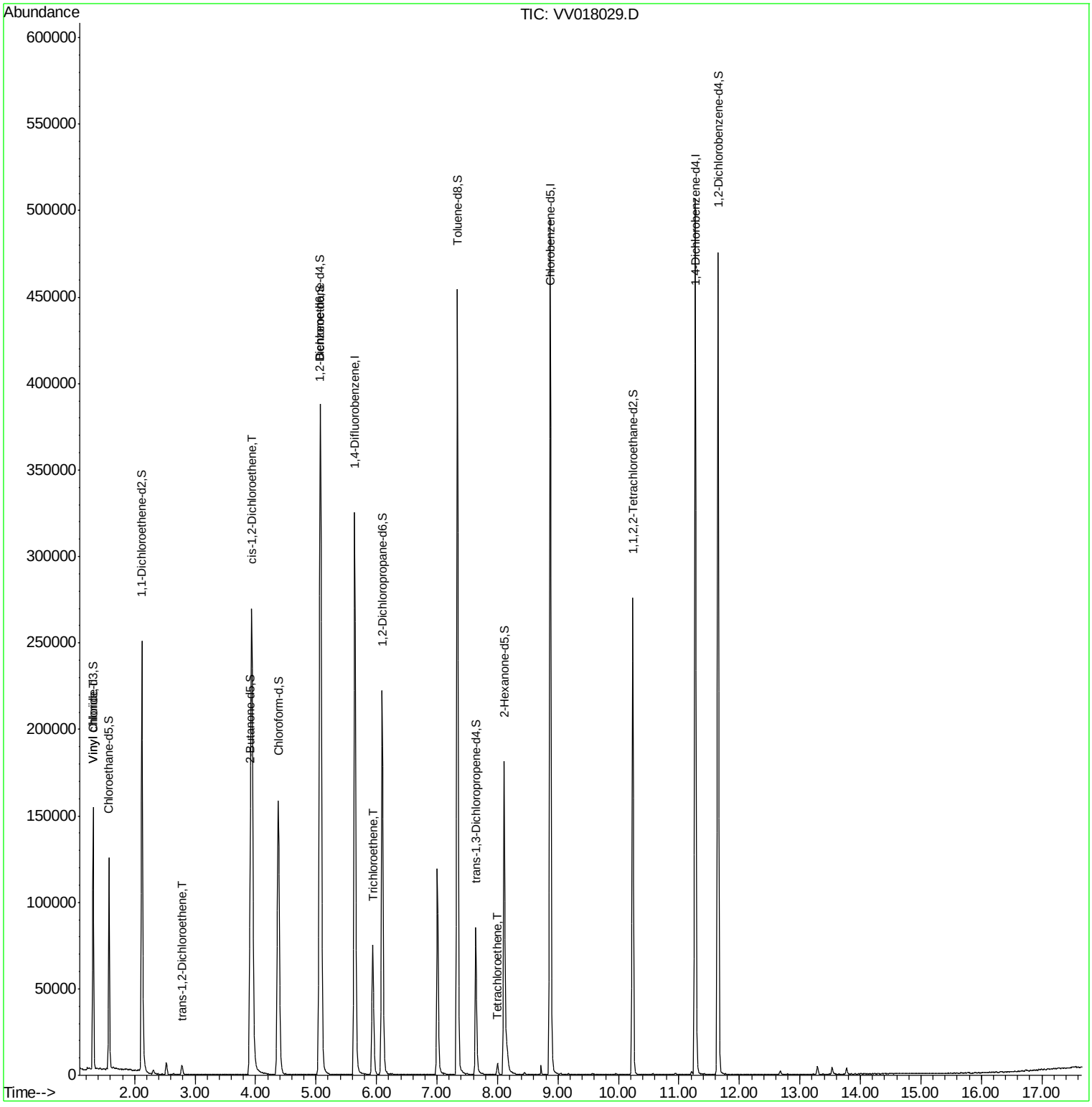
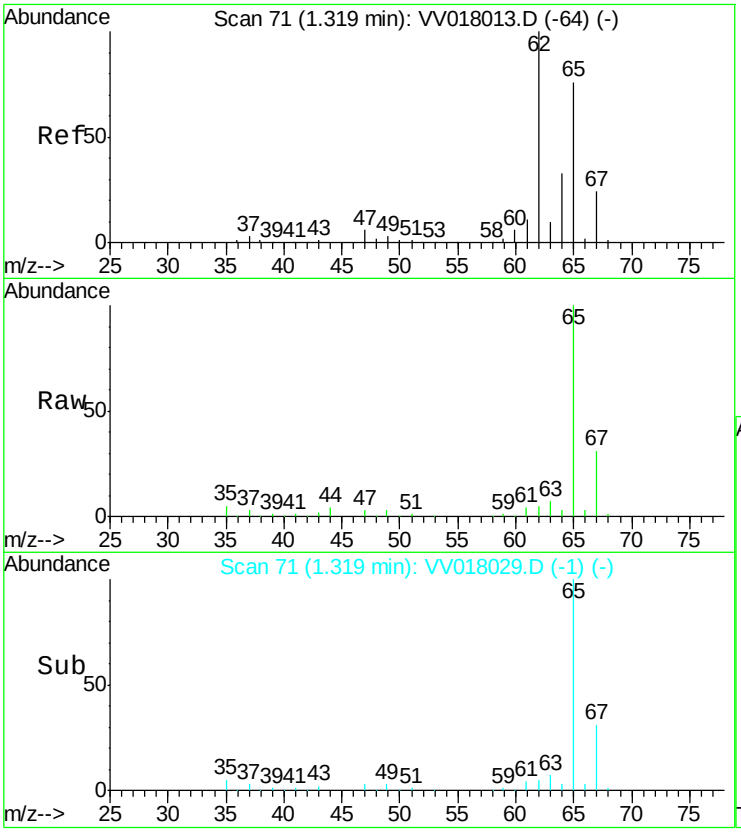


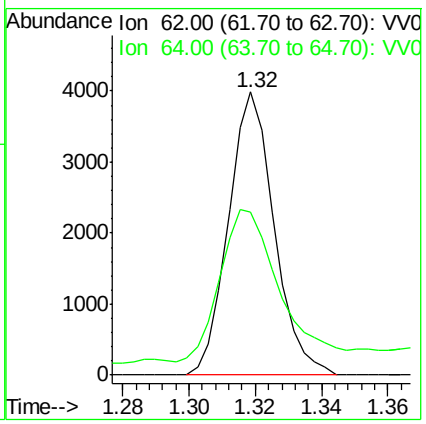


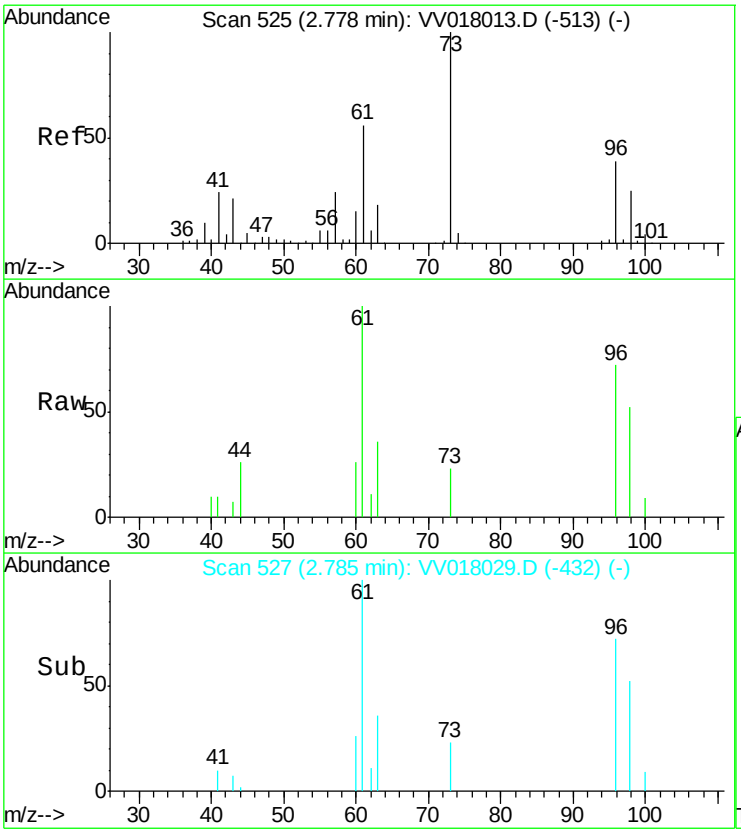
#5
Vinyl chloride
Concen: 1.601 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV018029.D
Acq: 17 Aug 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
F4L37DL

Tgt Ion: 62 Resp: 3823

Ion	Ratio	Lower	Upper
62	100		
64	57.7	22.4	41.6#

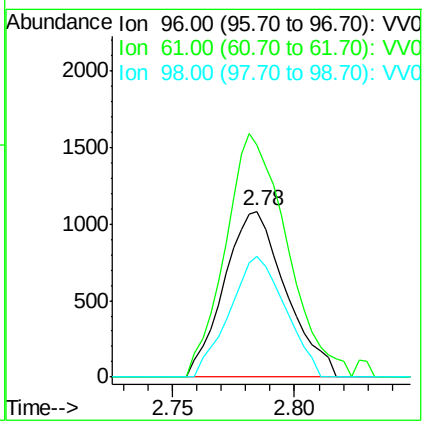


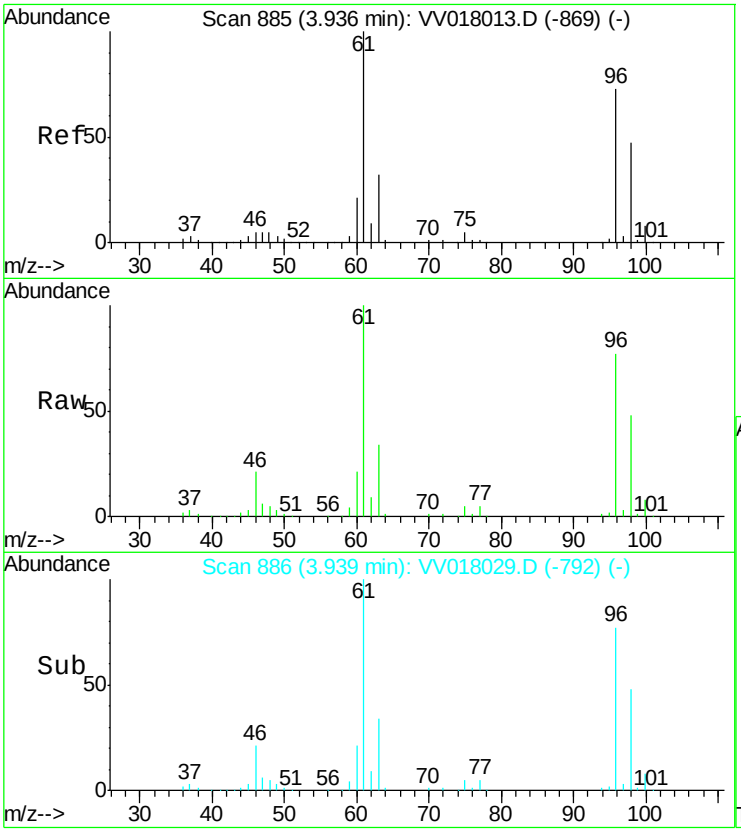


#17
trans-1,2-Dichloroethene
Concen: 1.025 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV018029.D
Acq: 17 Aug 2020 16:46

Tgt Ion: 96 Resp: 1899

Ion	Ratio	Lower	Upper
96	100		
61	139.7	102.4	190.2
98	73.0	44.4	82.5



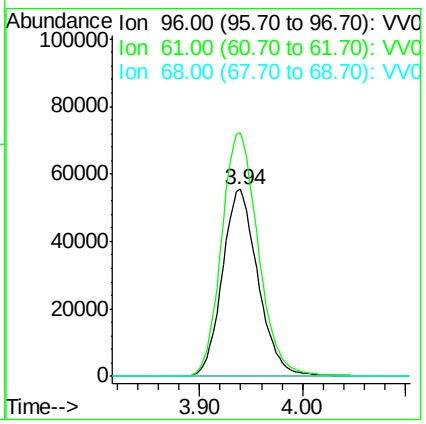


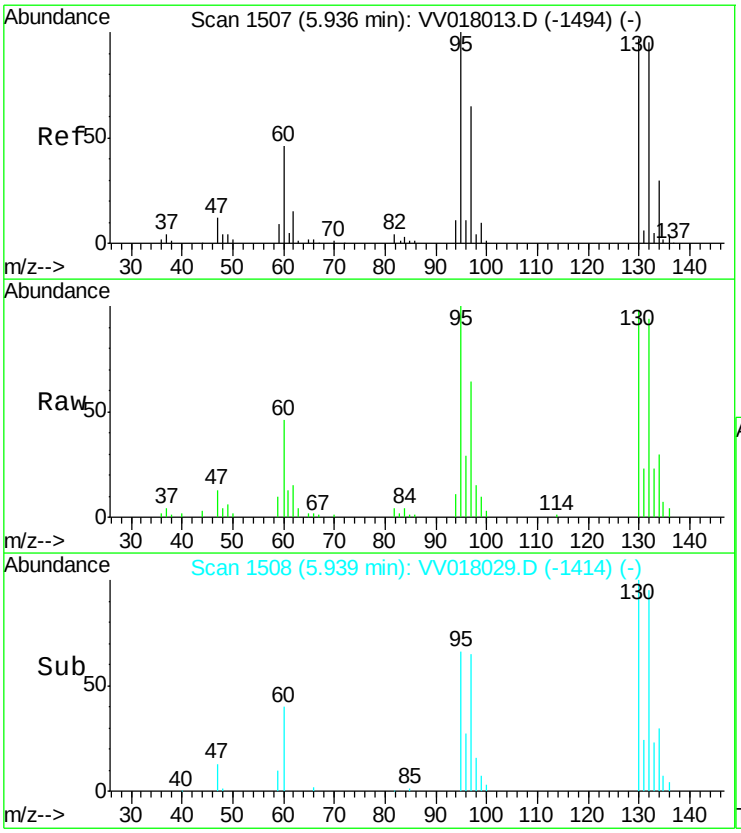
#20
cis-1,2-Dichloroethene
Concen: 65.498 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018029.D
Acq: 17 Aug 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
F4L37DL

Tgt Ion: 96 Resp: 133388

Ion	Ratio	Lower	Upper
96	100		
61	130.4	95.0	176.4
68	0.0	0.0	0.0

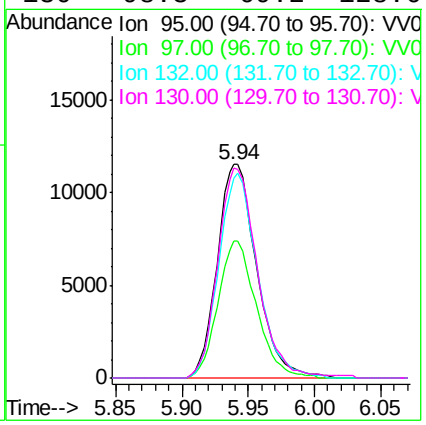


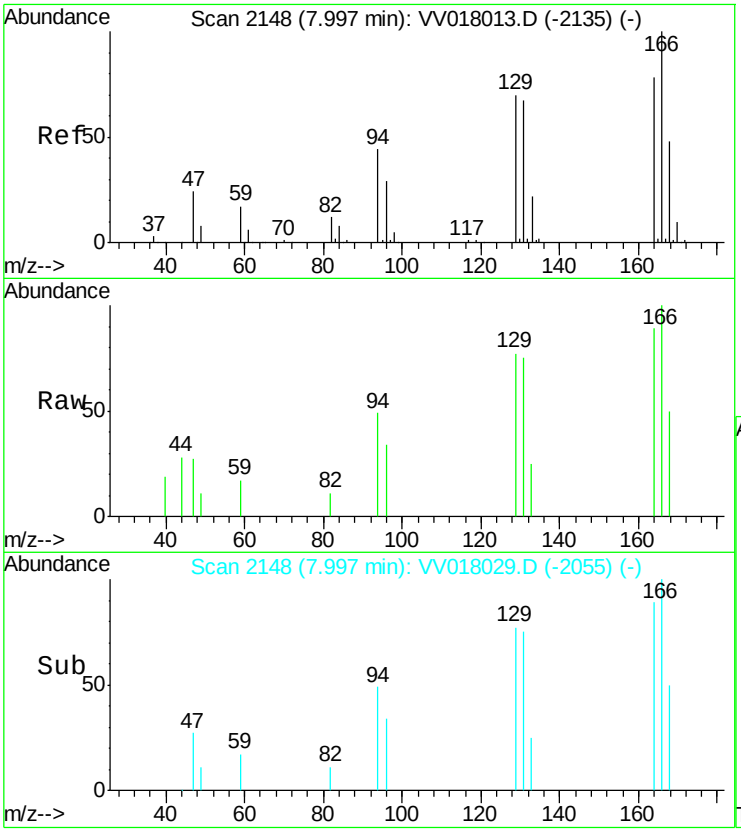


#34
Trichloroethene
Concen: 11.030 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018029.D
Acq: 17 Aug 2020 16:46

Tgt Ion: 95 Resp: 23778

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.0	85.4
132	93.8	65.8	122.2
130	98.3	69.2	128.6





#46
Tetrachloroethene
Concen: 1.079 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018029.D
Acq: 17 Aug 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
F4L37DL

Tgt Ion:164 Resp: 1706

Ion	Ratio	Lower	Upper
164	100		
129	85.9	64.8	120.3
131	84.6	64.5	119.9
166	112.2	88.9	165.1