Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
Data File : VV008240.D
Acq On : 10 Oct 2018 18:26
Operator : SY/MD
Sample : J5315-06 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J97

Quant Time: Oct 11 03:23:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	75745	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	74471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31275	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	17704	3.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.20%			
7) Chloroethane-d5	1.58	69	15774	4.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.40%			
11) 1,1-Dichloroethene-d2	2.13	63	25529	2.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.00%#			
20) 2-Butanone-d5	3.98	46	66813	59.73	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.46%			
24) Chloroform-d	4.41	84	44020	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.09	65	22956	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.10	84	79674	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
36) 1,2-Dichloropropane-d6	6.12	67	27176	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.36	98	65313	3.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.60%			
43) trans-1,3-Dichloropropene-	7.67	79	8501	4.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%			
46) 2-Hexanone-d5	8.14	63	43866	52.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.76%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19154	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	28458	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	2498	0.50	ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	1087	0.24	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	183189	36.26	ug/L	100
34) Trichloroethene	5.96	95	67460	12.30	ug/L	99
47) Tetrachloroethene	8.02	164	1174109	239.73	ug/L	97

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

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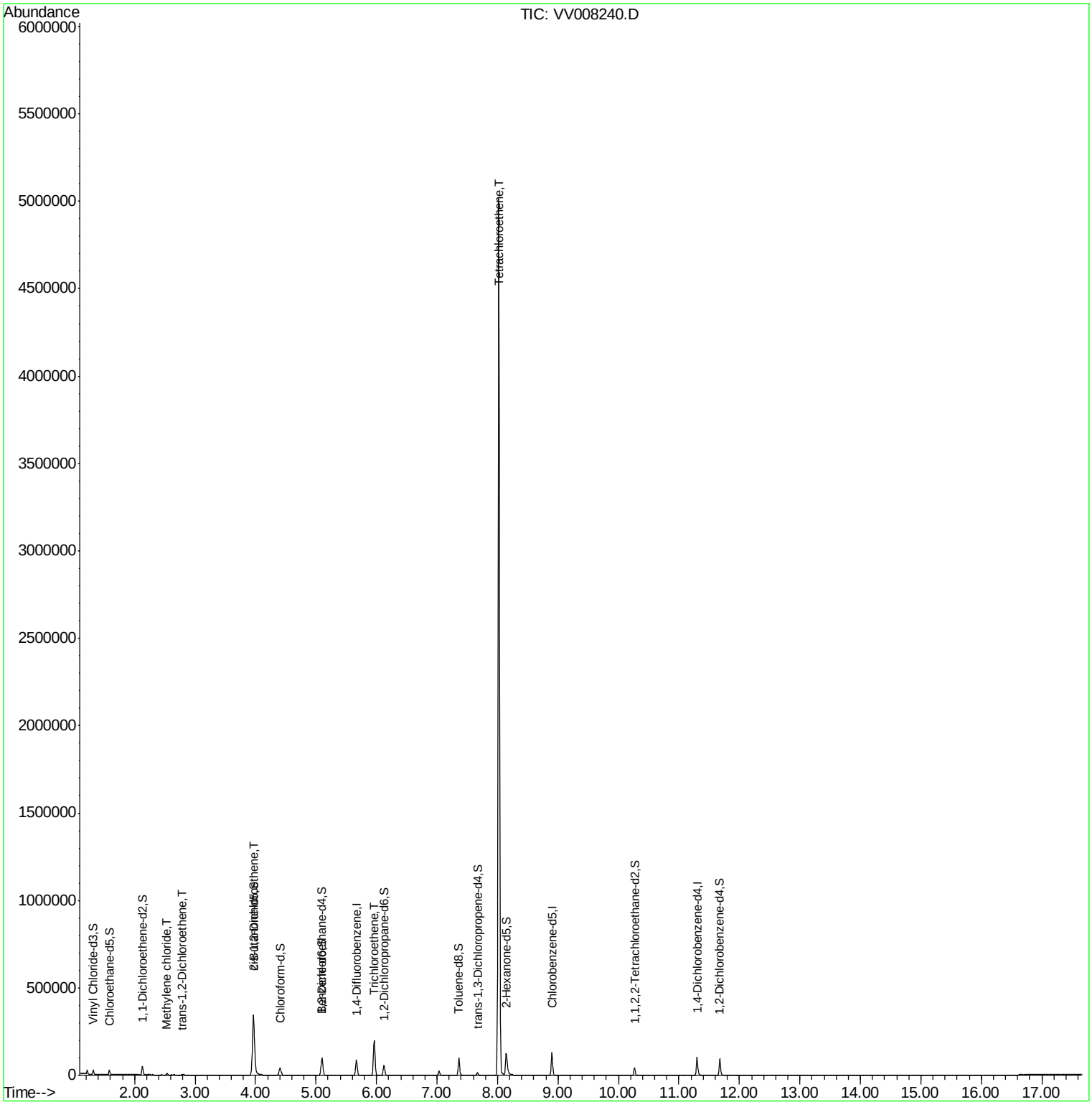
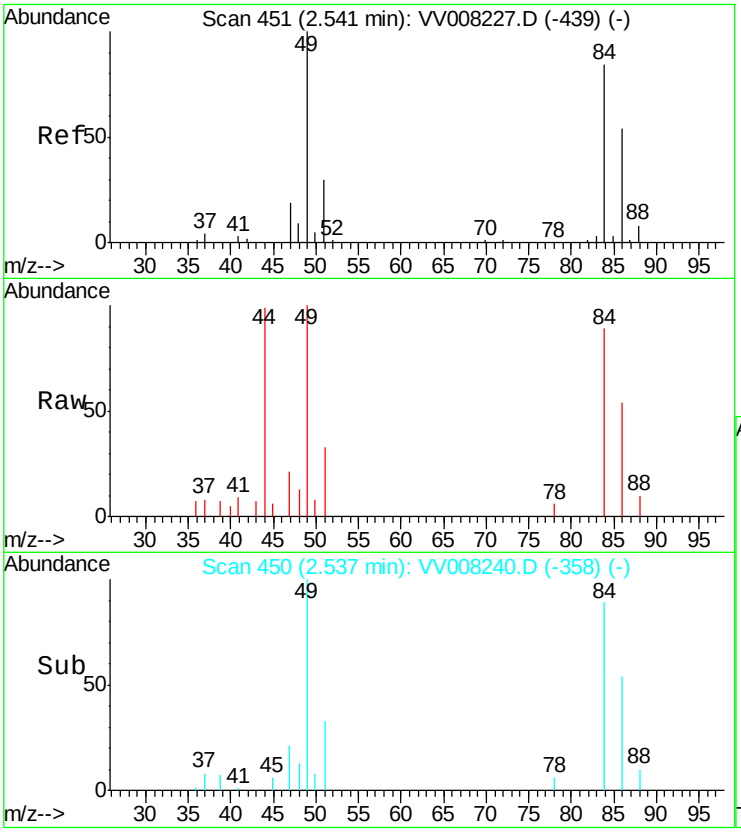


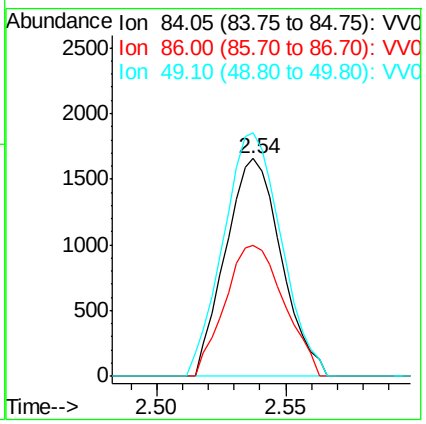


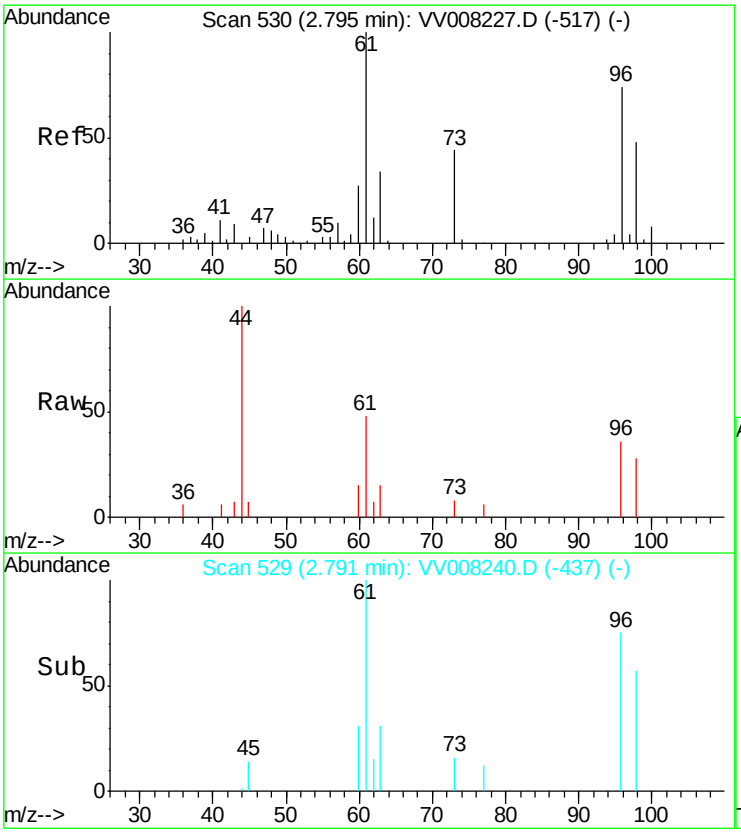
#16
Methylene chloride
Concen: 0.50 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008240.D
Acq: 10 Oct 2018 18:26

Instrument : MSVOA_V
ClientSampleId : C0J97

Tgt Ion: 84 Resp: 2498

Ion	Ratio	Lower	Upper
84	100		
86	60.3	45.3	84.1
49	112.0	83.0	154.1

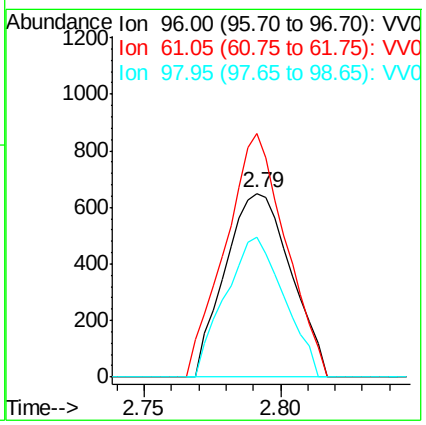


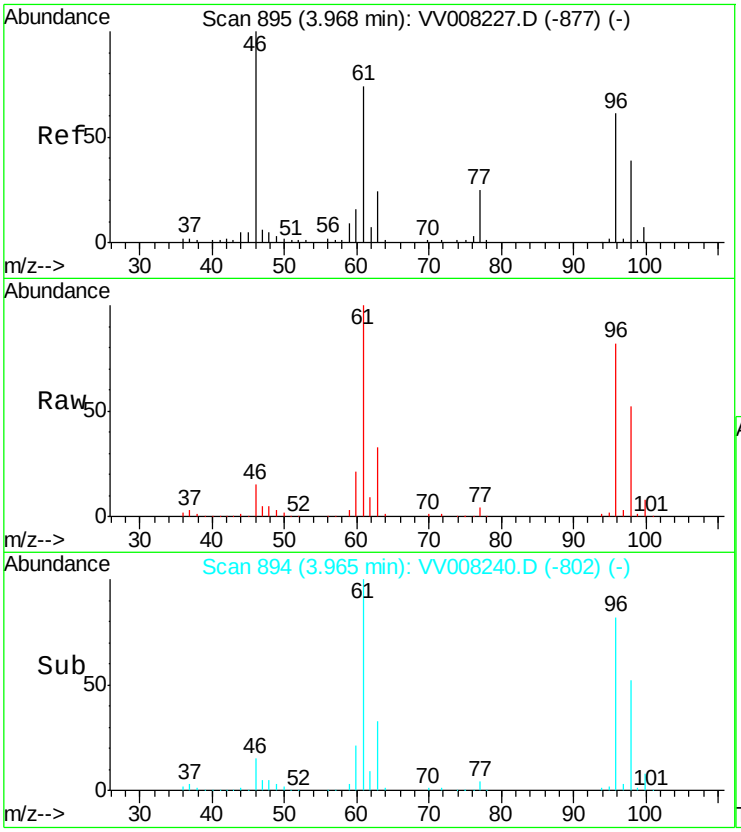


#18
trans-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV008240.D
Acq: 10 Oct 2018 18:26

Tgt Ion: 96 Resp: 1087

Ion	Ratio	Lower	Upper
96	100		
61	132.5	91.6	170.2
98	76.2	44.4	82.5



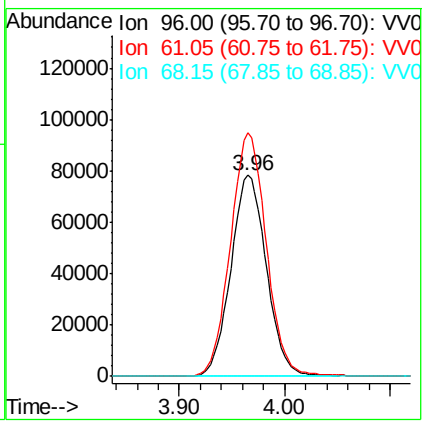


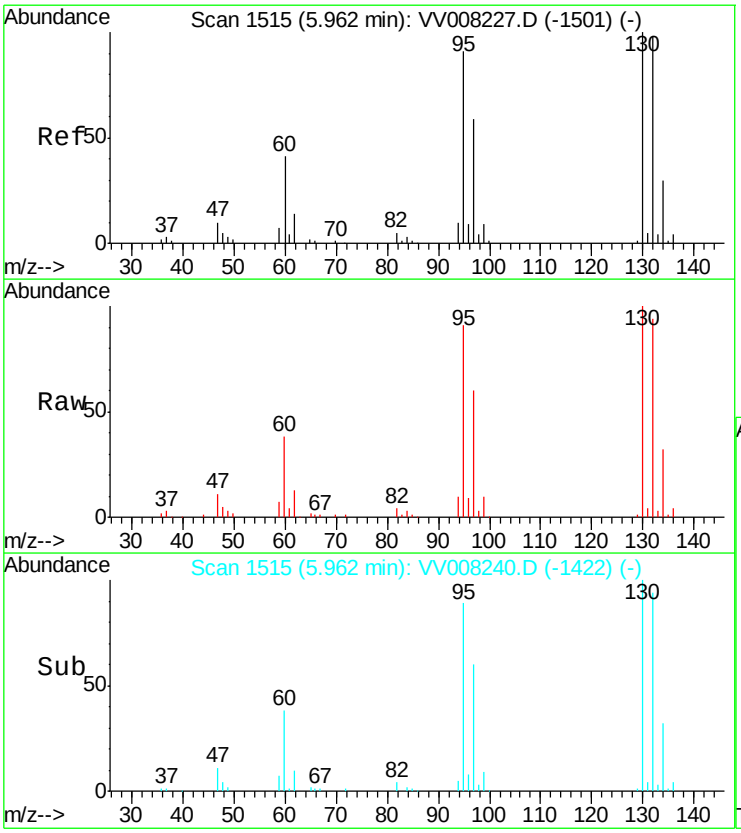
#22
cis-1,2-Dichloroethene
Concen: 36.26 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008240.D
Acq: 10 Oct 2018 18:26

Instrument :
MSVOA_V
ClientSampleId :
C0J97

Tgt Ion: 96 Resp: 183189

Ion	Ratio	Lower	Upper
96	100		
61	121.2	85.1	158.1
68	0.0	0.0	0.0

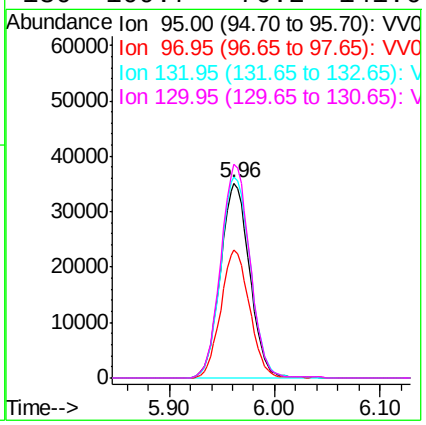


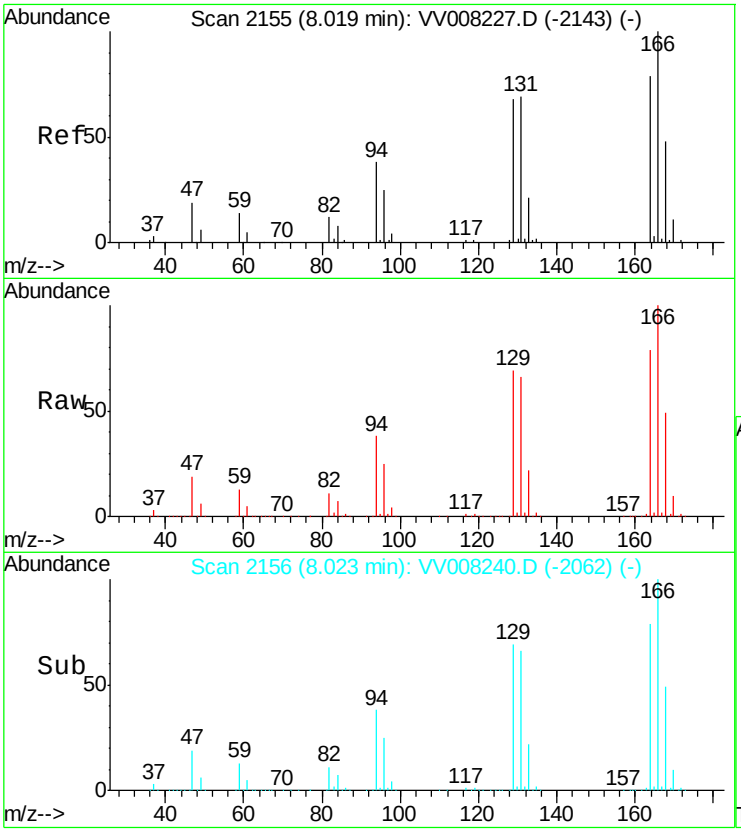


#34
Trichloroethene
Concen: 12.30 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008240.D
Acq: 10 Oct 2018 18:26

Tgt Ion: 95 Resp: 67460

Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.5
132	103.5	73.6	136.6
130	109.7	76.2	141.6





#47
Tetrachloroethene
Concen: 239.73 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008240.D
Acq: 10 Oct 2018 18:26

Instrument :
MSVOA_V
ClientSampleId :
C0J97

Tgt Ion:164 Resp: 1174109

Ion	Ratio	Lower	Upper
164	100		
129	87.7	62.2	115.4
131	83.9	60.5	112.5
166	127.2	92.1	171.1