Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008702.D
Acq On : 21 Nov 2018 15:48
Operator : SY/MD
Sample : J6026-05DL 10X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK4DL

Quant Time: Nov 22 01:27:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	177010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	162396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68751	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40123	5.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.20%			
7) Chloroethane-d5	1.59	69	30548	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.14	63	57768	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.40%			
20) 2-Butanone-d5	3.97	46	116649	41.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.92%			
24) Chloroform-d	4.41	84	92556	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.09	65	48961	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.10	84	198002	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.12	67	60920	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	7.36	98	175747	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.67	79	17218	3.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.00%			
46) 2-Hexanone-d5	8.14	63	79228	33.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 67.14%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37934	3.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	57949	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	3230	0.289	ug/L	86
17) Methyl tert-butyl Ether	2.81	73	20465	0.937	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	13076	1.468	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	67051	4.987	ug/L	97
34) Trichloroethene	5.96	95	58073	4.267	ug/L	98

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

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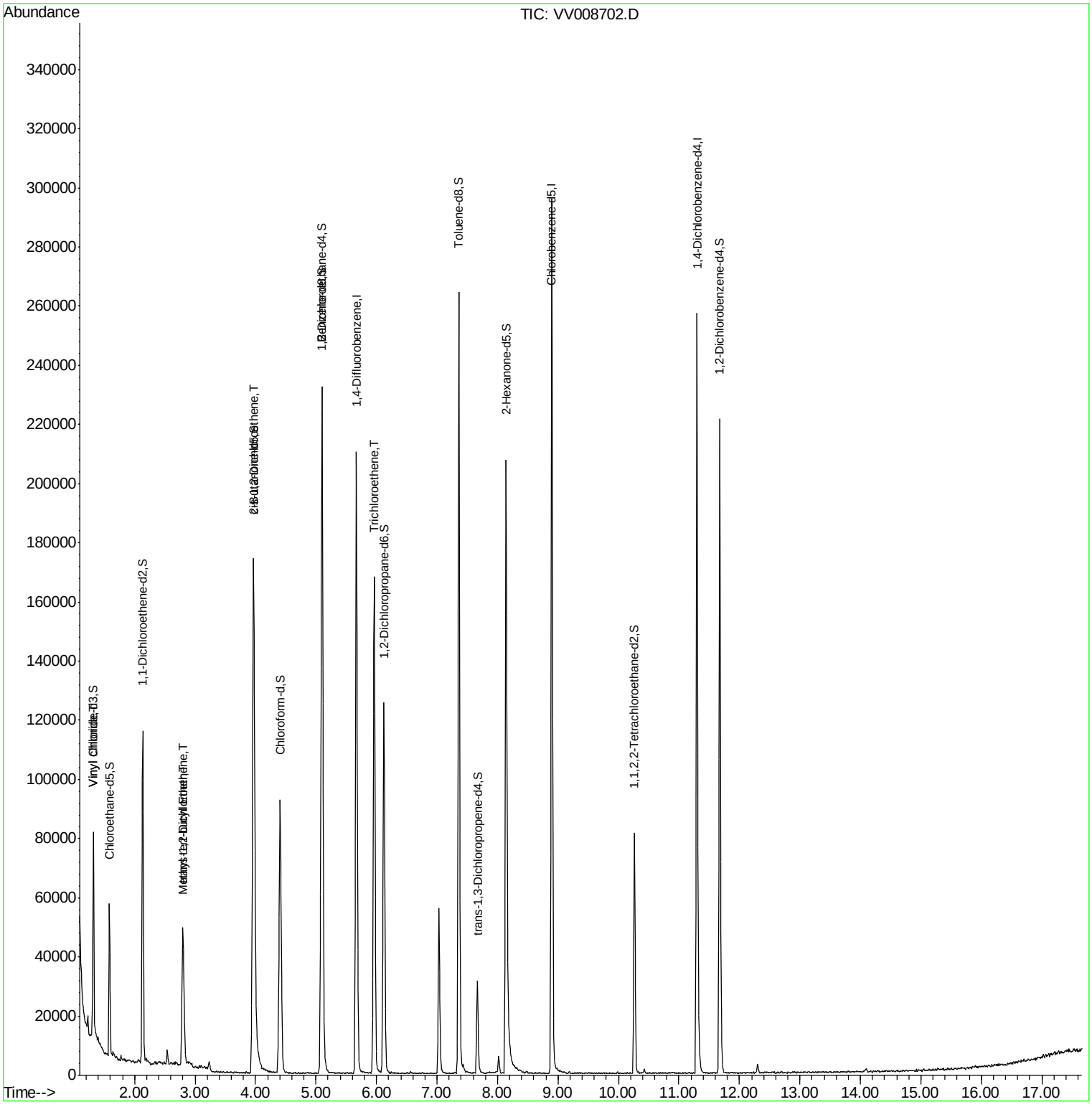
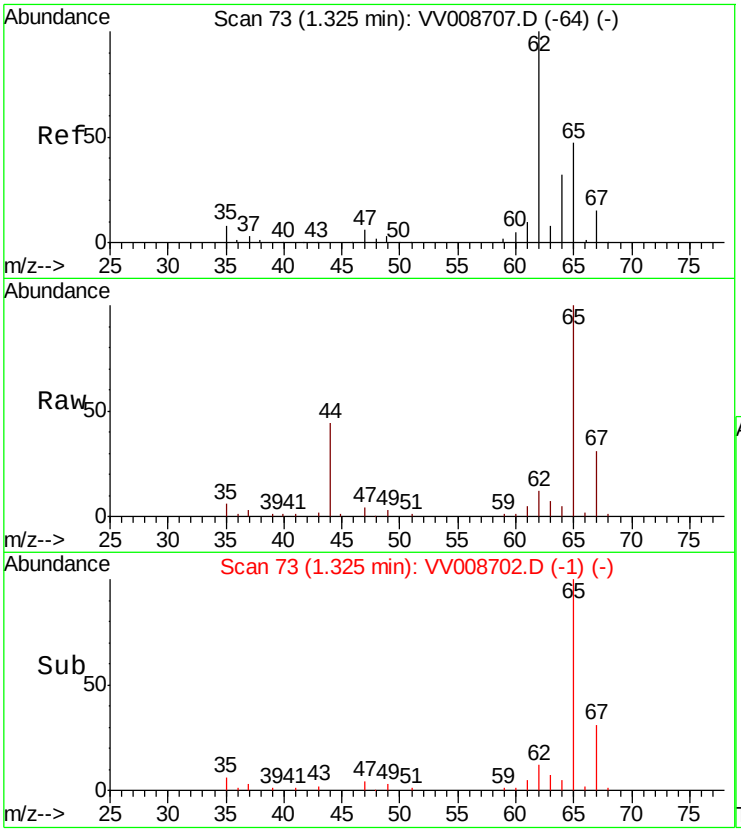


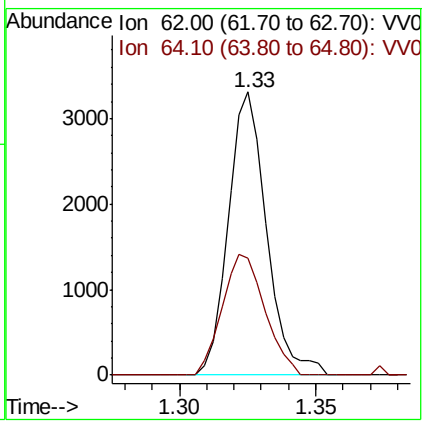


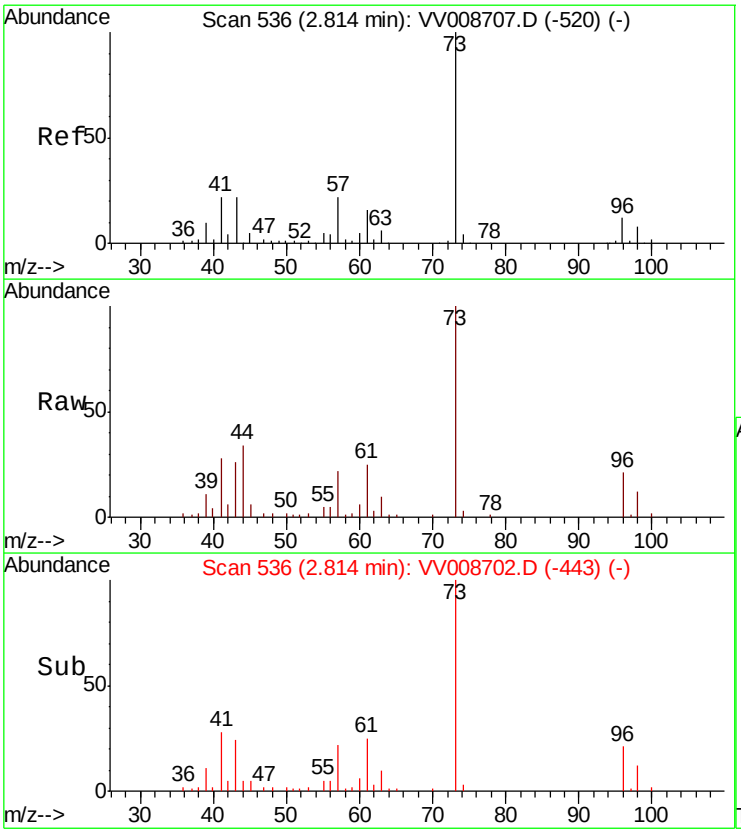
#5
Vinyl chloride
Concen: 0.289 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Instrument :
MSVOA_V
ClientSampleId :
H0FK4DL

Tgt Ion: 62 Resp: 3230

Ion	Ratio	Lower	Upper
62	100		
64	41.2	23.4	43.4

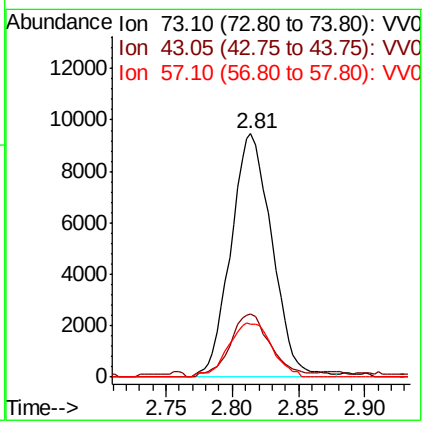


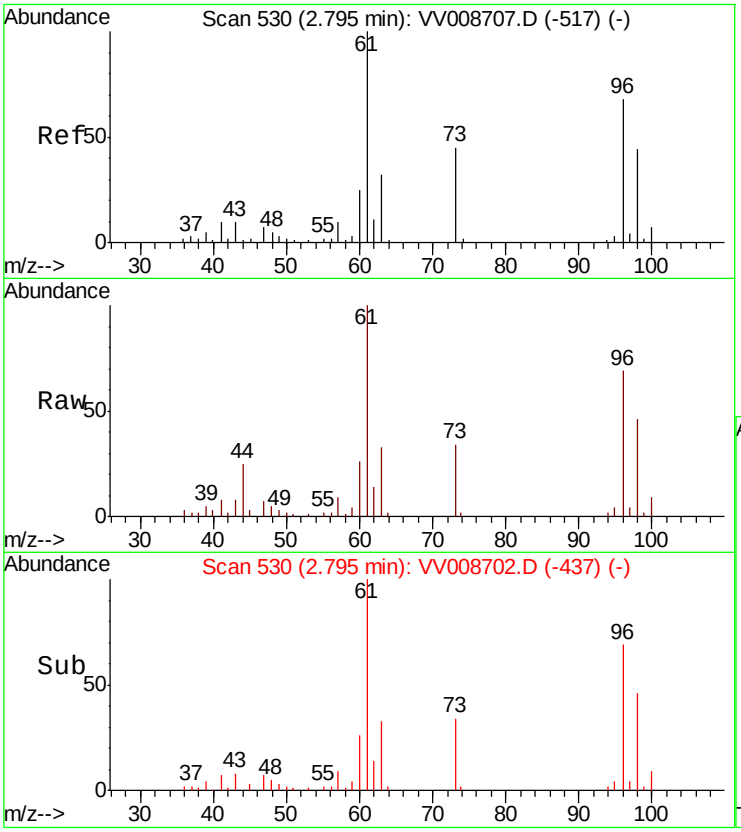


#17
Methyl tert-butyl Ether
Concen: 0.937 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Tgt Ion: 73 Resp: 20465

Ion	Ratio	Lower	Upper
73	100		
43	25.7	18.1	27.1
57	23.5	17.9	26.9



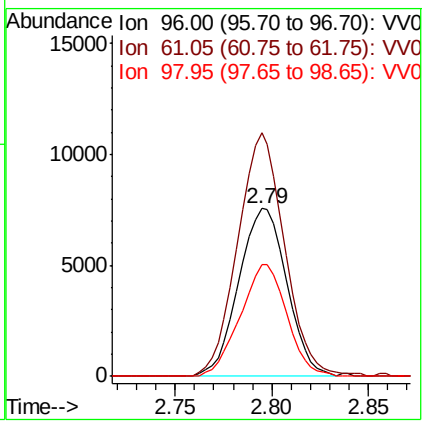


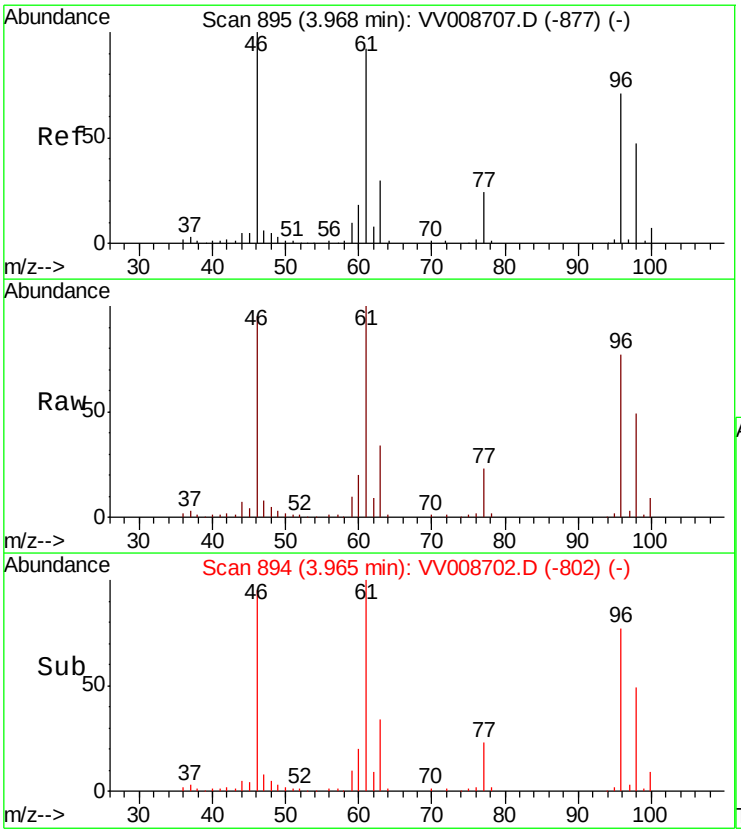
#18
trans-1,2-Dichloroethene
Concen: 1.468 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Instrument :
MSVOA_V
ClientSampleId :
H0FK4DL

Tgt Ion: 96 Resp: 13076

Ion	Ratio	Lower	Upper
96	100		
61	145.3	97.1	180.3
98	66.5	41.9	77.7

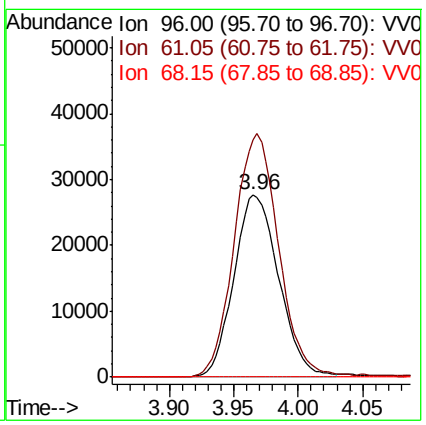


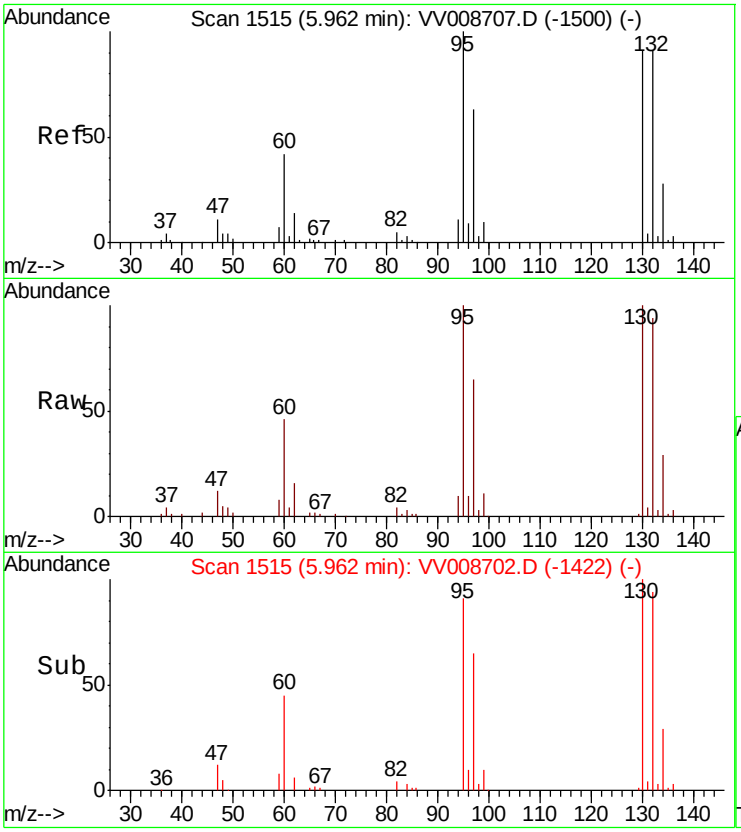


#22
cis-1,2-Dichloroethene
Concen: 4.987 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Tgt Ion: 96 Resp: 67051

Ion	Ratio	Lower	Upper
96	100		
61	130.2	93.2	173.2
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 4.267 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008702.D
Acq: 21 Nov 2018 15:48

Instrument :
MSVOA_V
ClientSampleId :
H0FK4DL

Tgt Ion: 95 Resp: 58073

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.1	83.7
132	94.4	66.3	123.1
130	100.5	68.0	126.4