Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
Data File : VV008656.D
Acq On : 19 Nov 2018 17:47
Operator : SY/MD
Sample : J5995-12
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FM5

Quant Time: Nov 20 08:40:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 06:56:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154204	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61463	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29748	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.59	69	24956	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.14	63	45717	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	3.96	46	120000	48.96	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.92%			
24) Chloroform-d	4.41	84	85007	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.09	65	45701	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.10	84	165757	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.12	67	53313	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.36	98	148913	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.67	79	17073	3.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.20%			
46) 2-Hexanone-d5	8.14	63	90776	44.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37892	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	52018	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.81	73	2220391	116.703	ug/L	98
18) trans-1,2-Dichloroethene	2.80	96	1518	0.196	ug/L	94
19) 1,1-Dichloroethane	3.23	63	2721	0.139	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	34734	2.965	ug/L	98
34) Trichloroethene	5.96	95	27735	2.341	ug/L	96
47) Tetrachloroethene	8.02	164	53617	6.253	ug/L	96

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

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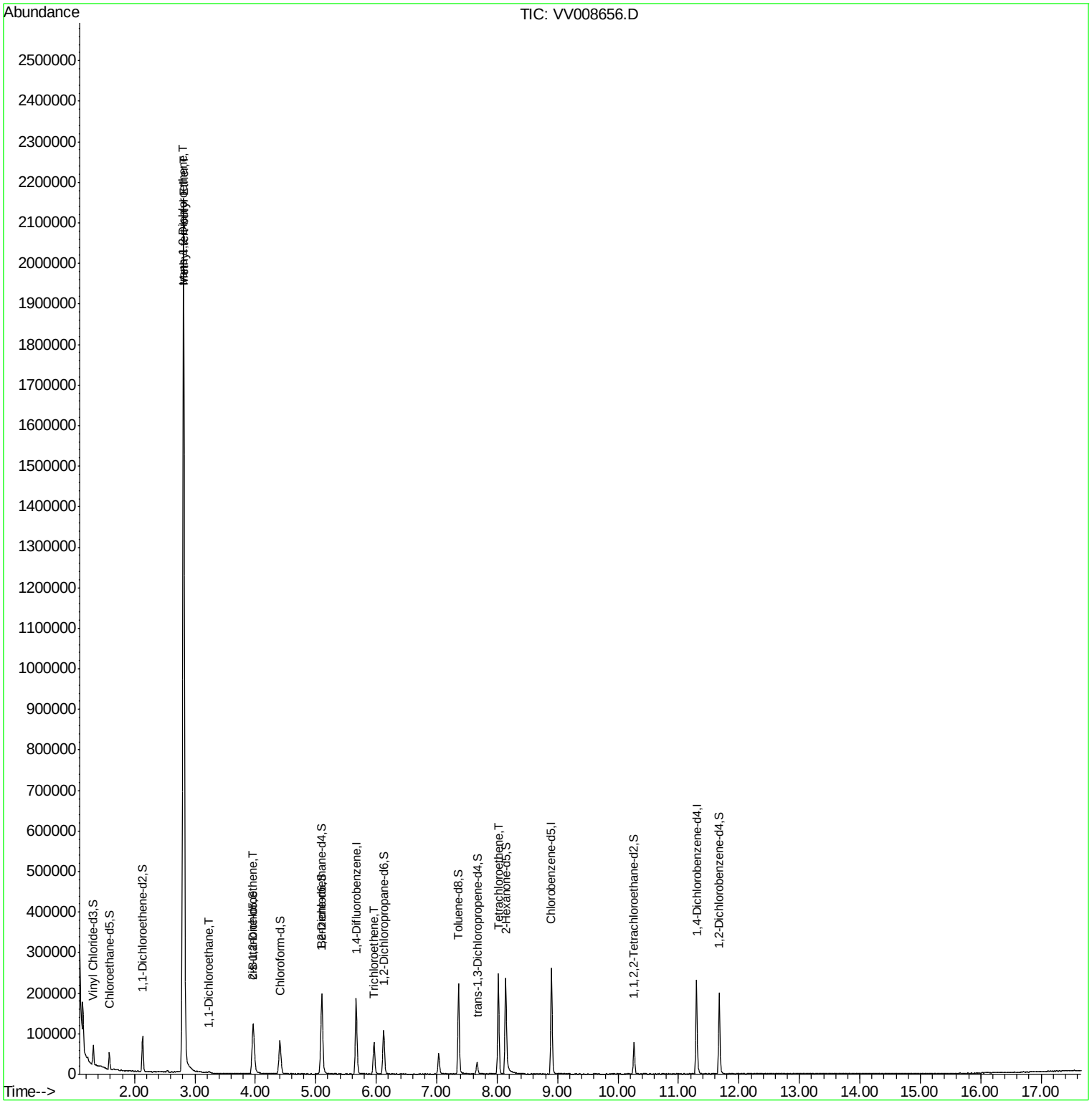
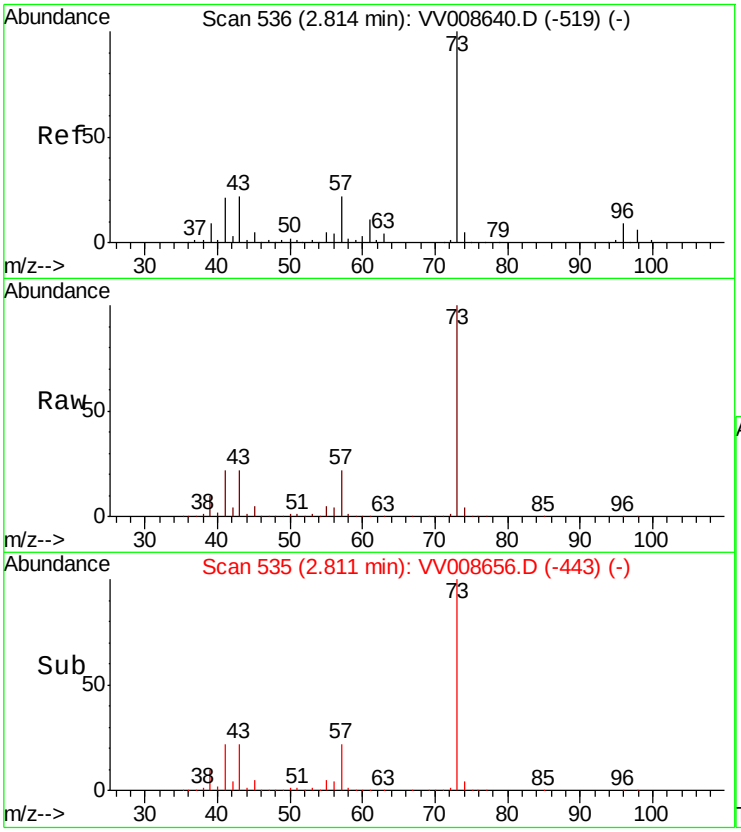


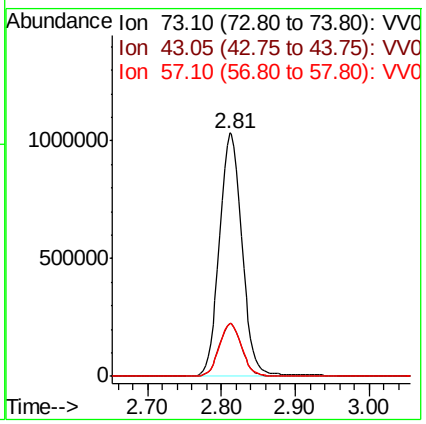


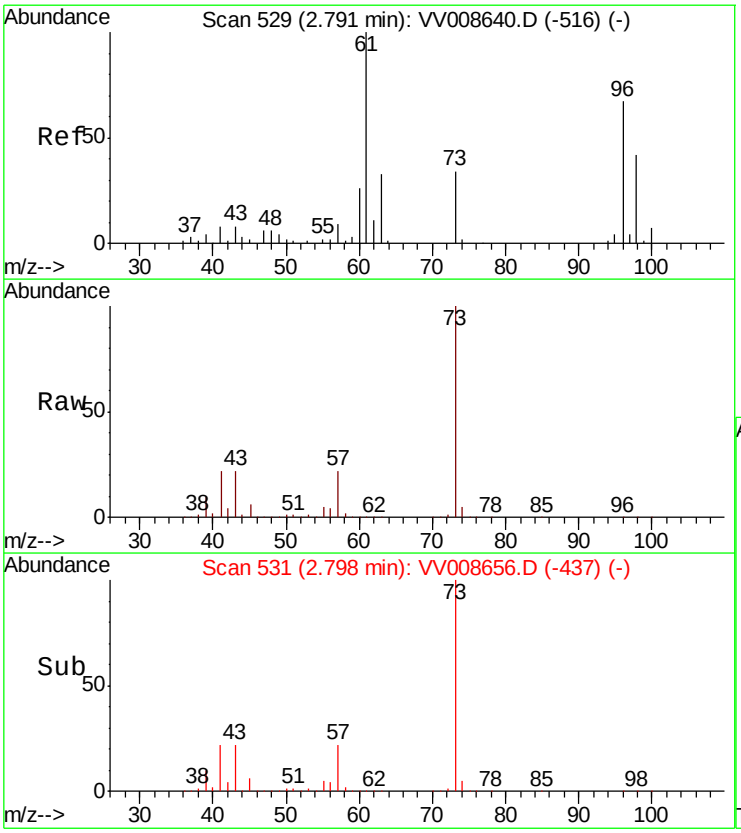
#17
Methyl tert-butyl Ether
Concen: 116.703 ug/L
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
Lab File: VV008656.D
Acq: 19 Nov 2018 17:47

Instrument : MSVOA_V
ClientSampleId : H0FM5

Tgt Ion: 73 Resp: 2220391

Ion	Ratio	Lower	Upper
73	100		
43	21.7	18.1	27.1
57	21.7	17.9	26.9

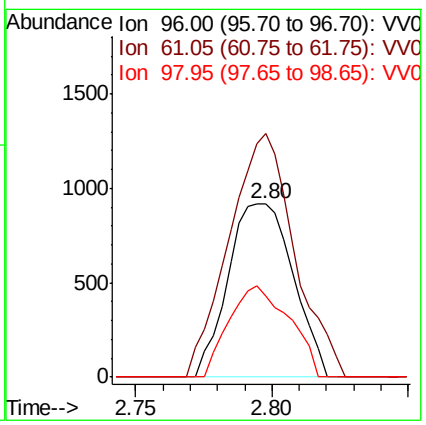


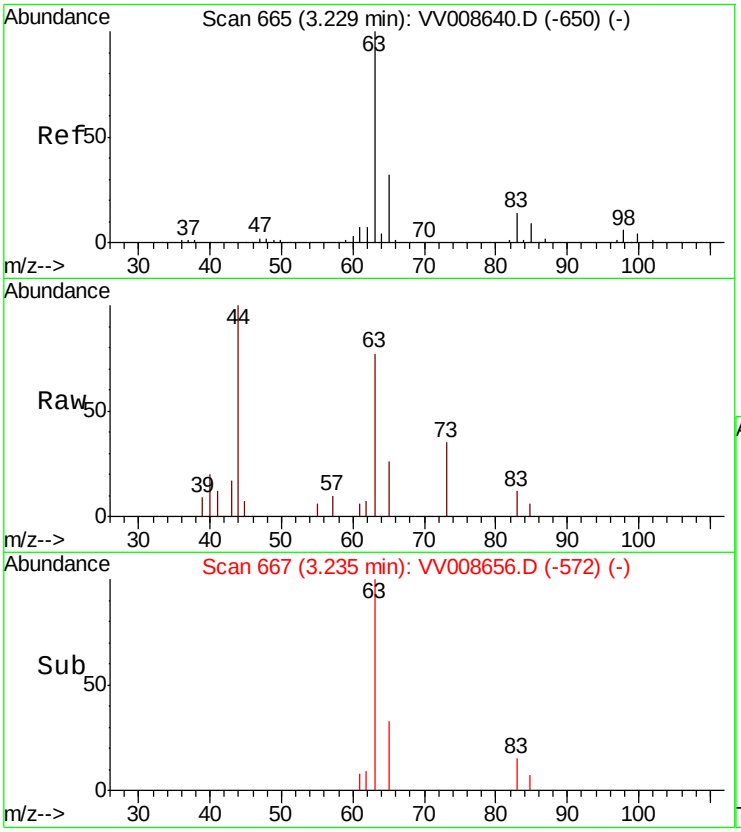


#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008656.D
Acq: 19 Nov 2018 17:47

Tgt Ion: 96 Resp: 1518

Ion	Ratio	Lower	Upper
96	100		
61	140.2	97.1	180.3
98	46.6	41.9	77.7



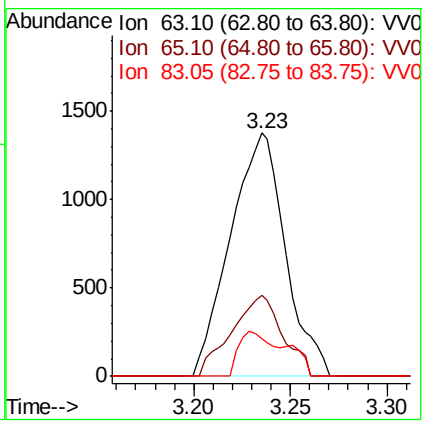


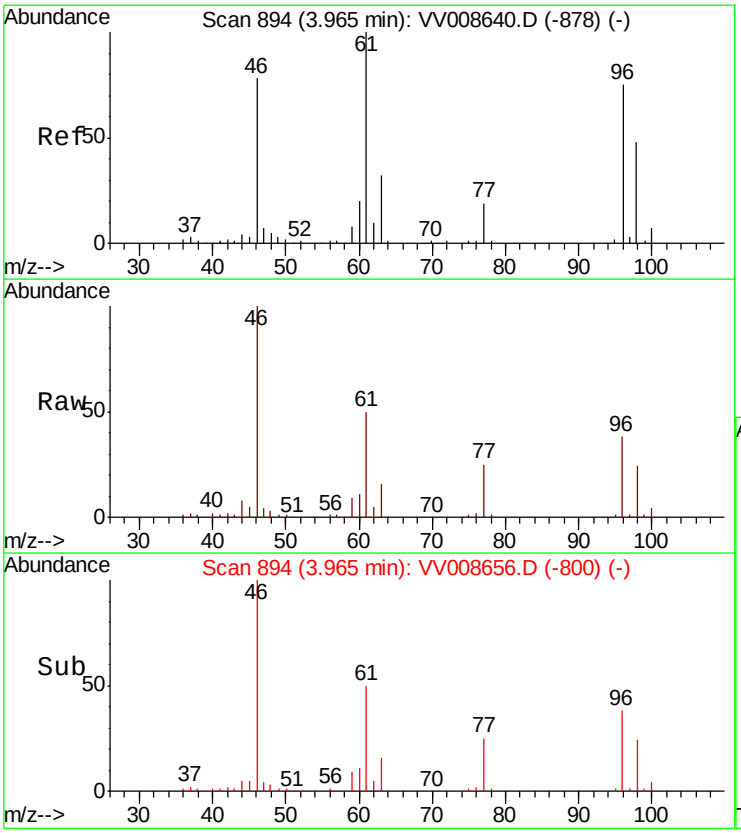
#19
1,1-Dichloroethane
Concen: 0.139 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.01 min
Lab File: VV008656.D
Acq: 19 Nov 2018 17:47

Instrument :
MSVOA_V
ClientSampleId :
H0FM5

Tgt Ion: 63 Resp: 2721

Ion	Ratio	Lower	Upper
63	100		
65	33.2	23.2	43.0
83	15.3	9.5	17.7

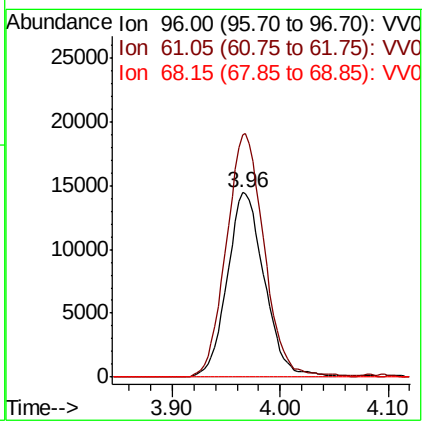


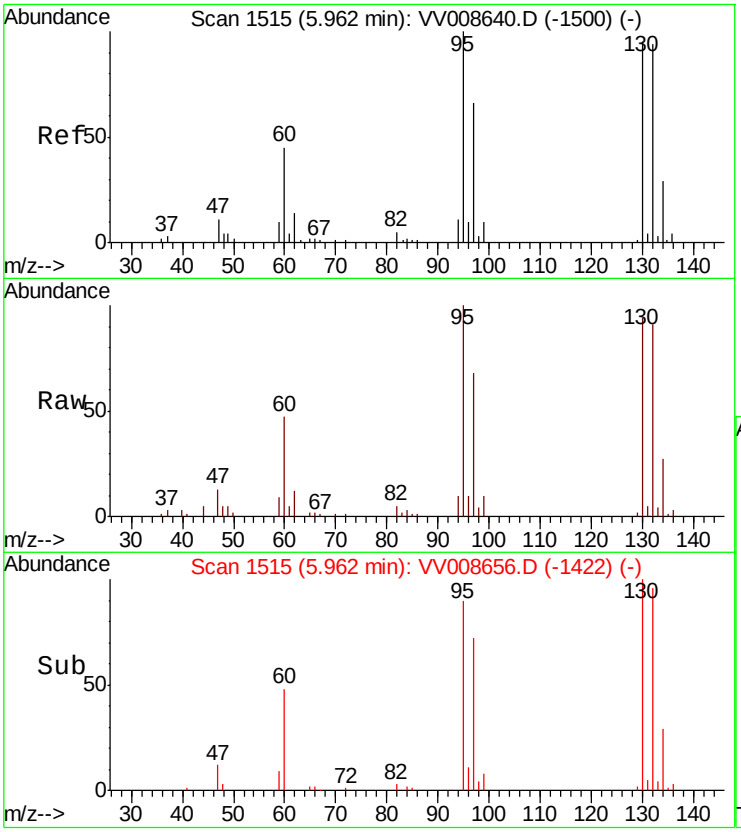


#22
cis-1,2-Dichloroethene
Concen: 2.965 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV008656.D
Acq: 19 Nov 2018 17:47

Tgt Ion: 96 Resp: 34734

Ion	Ratio	Lower	Upper
96	100		
61	131.3	93.2	173.2
68	0.0	0.0	0.0



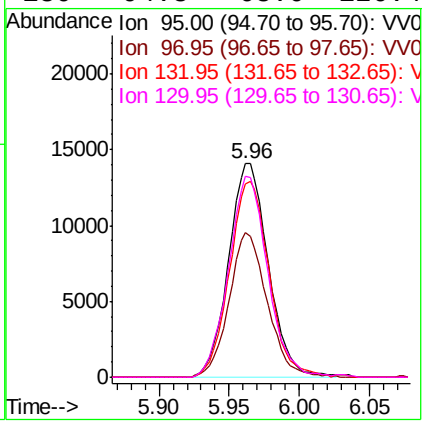


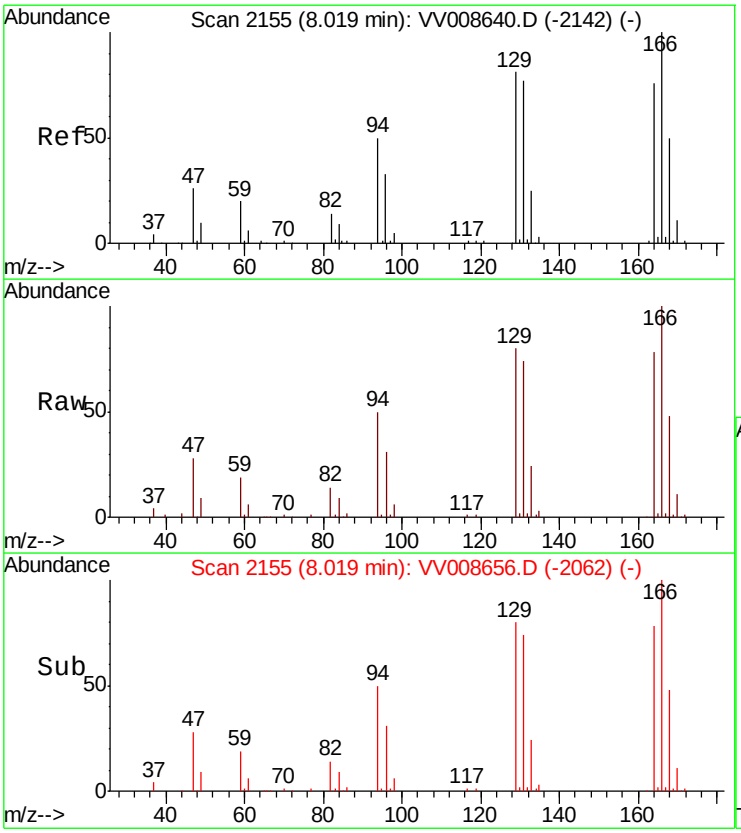
#34
Trichloroethene
Concen: 2.341 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008656.D
Acq: 19 Nov 2018 17:47

Instrument :
MSVOA_V
ClientSampleId :
H0FM5

Tgt Ion: 95 Resp: 27735

Ion	Ratio	Lower	Upper
95	100		
97	67.9	45.1	83.7
132	90.7	66.3	123.1
130	94.3	68.0	126.4





#47
Tetrachloroethene
Concen: 6.253 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV008656.D
Acq: 19 Nov 2018 17:47

Tgt Ion:164 Resp: 53617

Ion	Ratio	Lower	Upper
164	100		
129	102.7	67.5	125.4
131	95.1	66.4	123.4
166	128.5	85.8	159.3