Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
Data File : VV008650.D
Acq On : 19 Nov 2018 14:50
Operator : SY/MD
Sample : J5995-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK0

Quant Time: Nov 20 07:40:32 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	145842	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56053	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28376	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.59	69	23239	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.14	63	44511	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	3.96	46	111960	48.30	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.60%			
24) Chloroform-d	4.41	84	82169	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
26) 1,2-Dichloroethane-d4	5.09	65	43579	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	157886	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.12	67	52766	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.36	98	144738	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.67	79	17324	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.14	63	84179	43.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.56%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35799	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	48092	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
13) Acetone	2.20	43	6554	5.422	ug/L	93
17) Methyl tert-butyl Ether	2.81	73	6389	0.355	ug/L	97
18) trans-1,2-Dichloroethene	2.80	96	1586	0.216	ug/L #	66
22) cis-1,2-Dichloroethene	3.97	96	49041	4.427	ug/L	97
34) Trichloroethene	5.96	95	78651	7.095	ug/L	98
47) Tetrachloroethene	8.02	164	55795	6.955	ug/L	93

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

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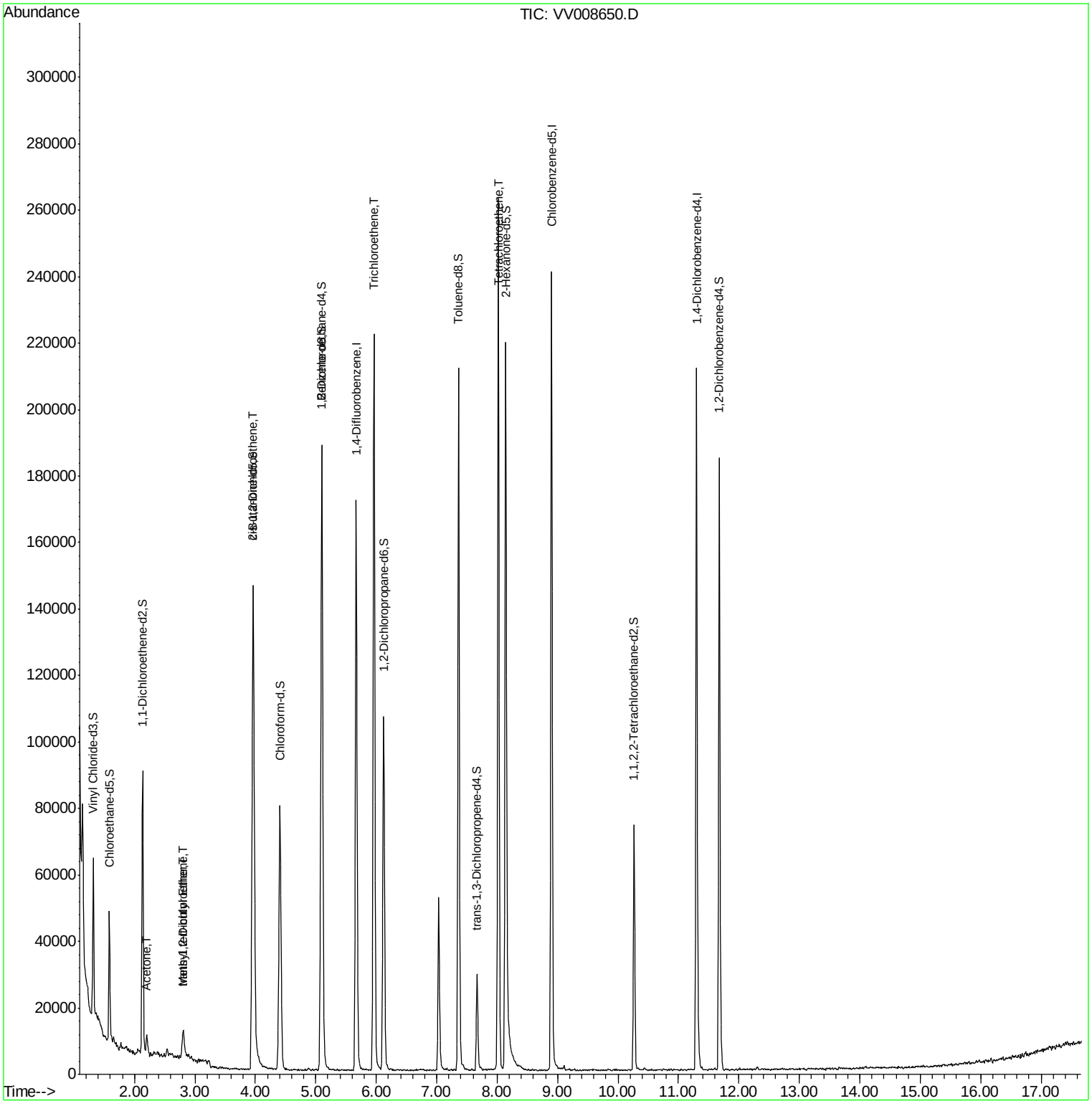
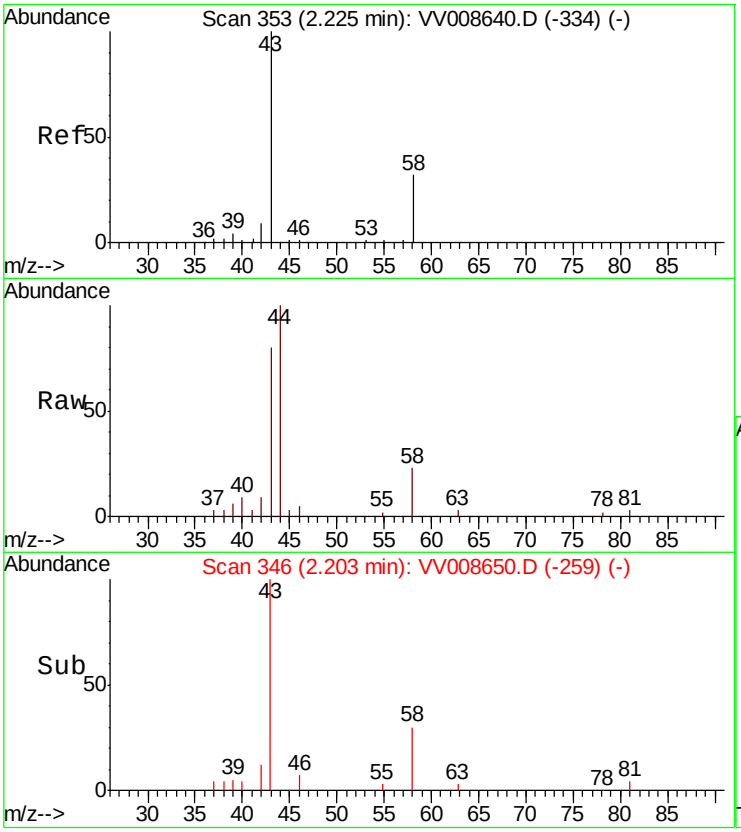


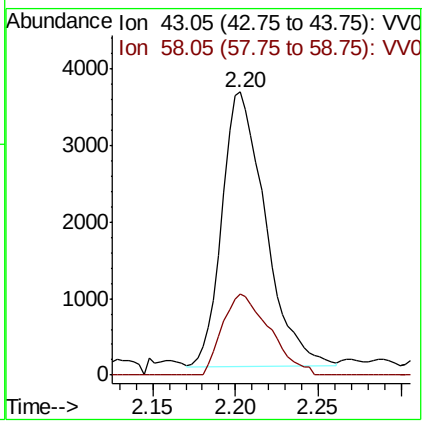


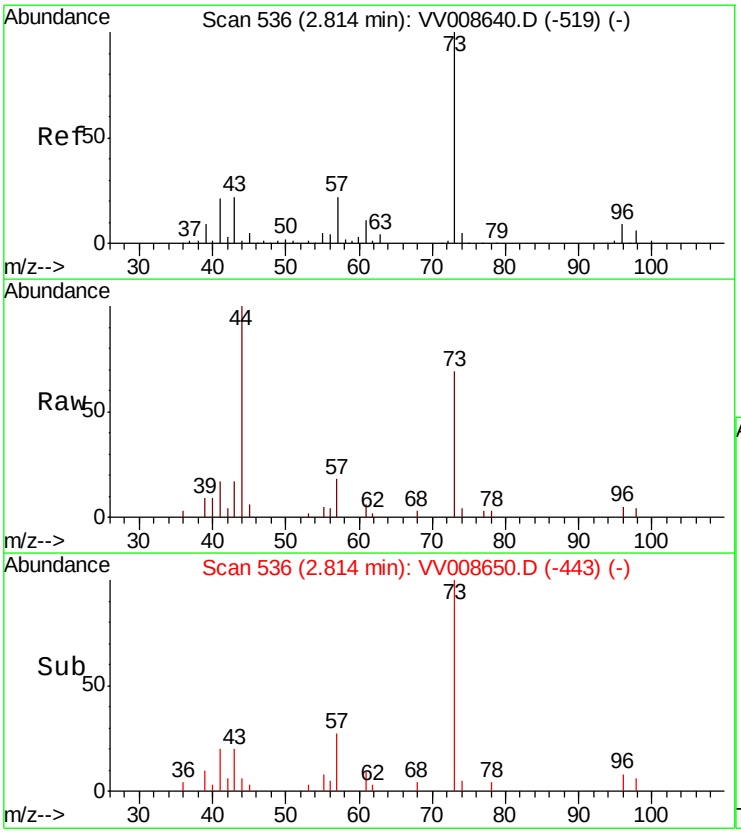
#13
Acetone
Concen: 5.422 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.02 min
Lab File: VV008650.D
Acq: 19 Nov 2018 14:50

Instrument :
MSVOA_V
ClientSampleId :
H0FK0

Tgt Ion: 43 Resp: 6554

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	56.4

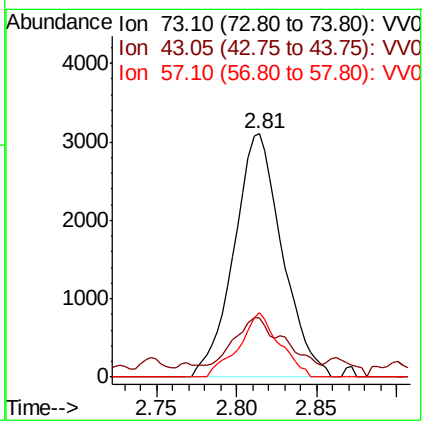


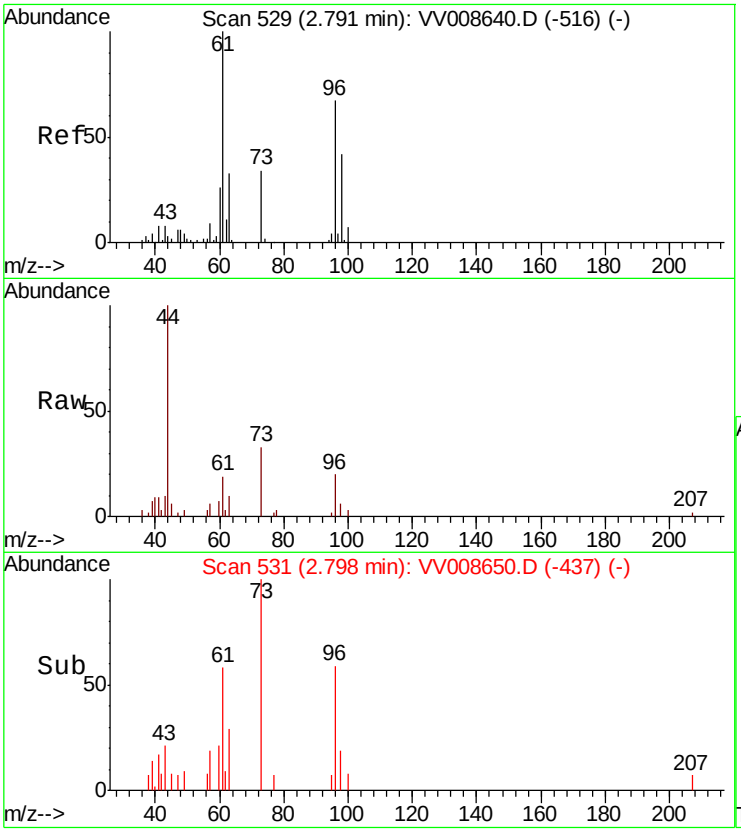


#17
Methyl tert-butyl Ether
Concen: 0.355 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008650.D
Acq: 19 Nov 2018 14:50

Tgt Ion: 73 Resp: 6389

Ion	Ratio	Lower	Upper
73	100		
43	19.8	18.1	27.1
57	22.2	17.9	26.9



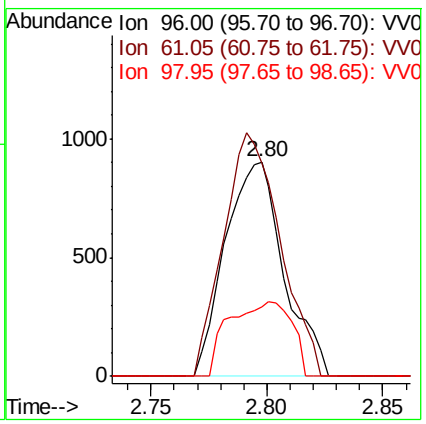


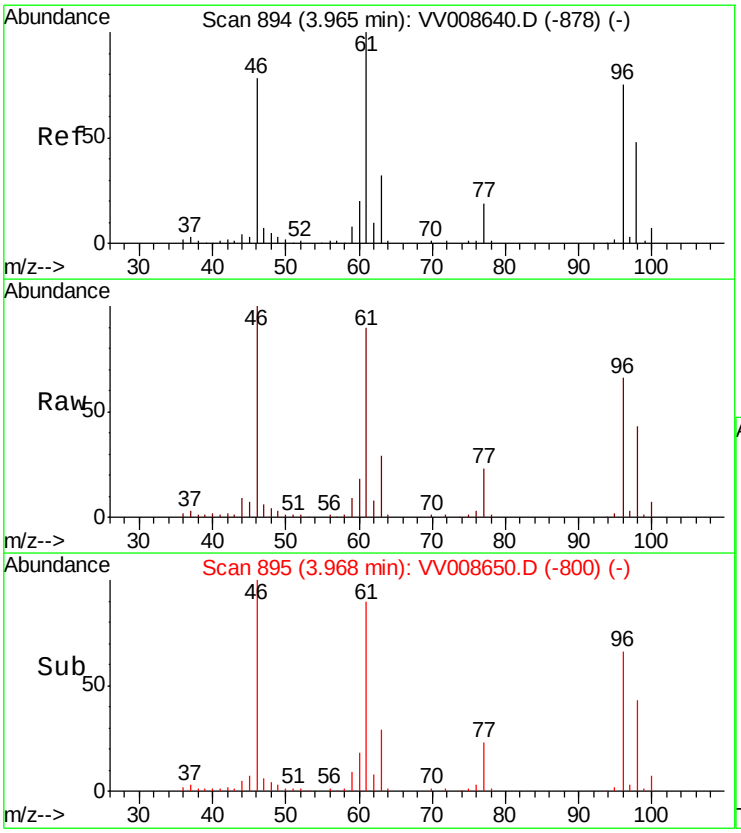
#18
trans-1,2-Dichloroethene
Concen: 0.216 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008650.D
Acq: 19 Nov 2018 14:50

Instrument :
MSVOA_V
ClientSampleId :
H0FK0

Tgt Ion: 96 Resp: 1586

Ion	Ratio	Lower	Upper
96	100		
61	99.0	97.1	180.3
98	32.6	41.9	77.7#

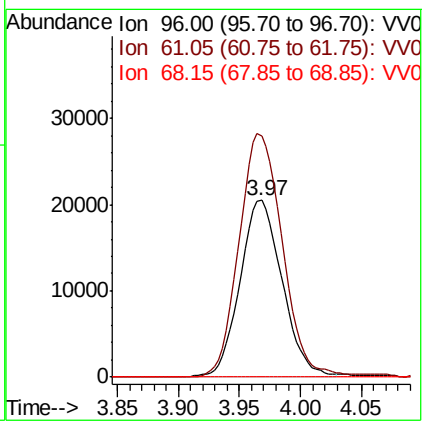


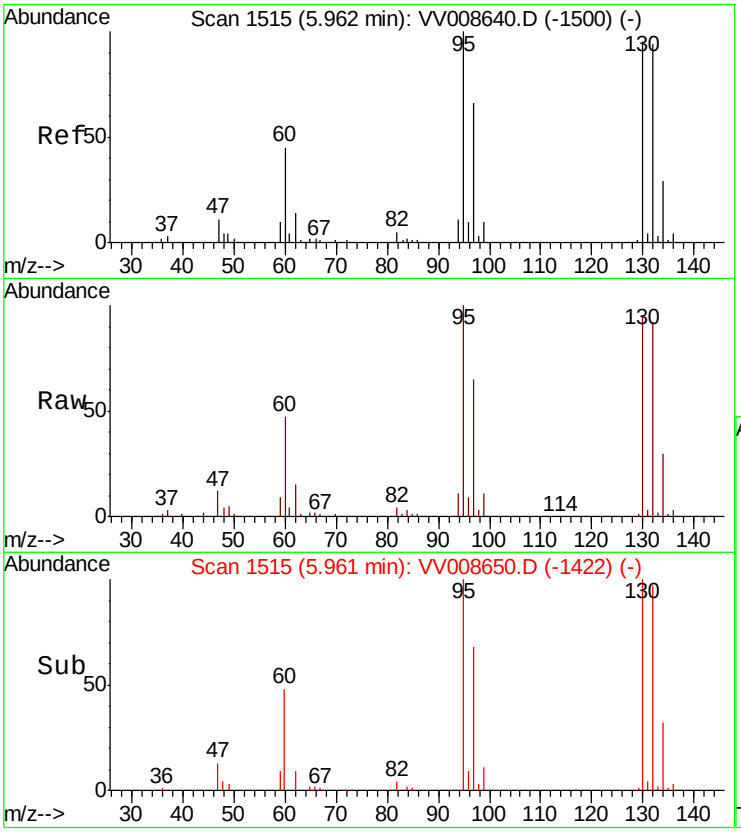


#22
cis-1,2-Dichloroethene
Concen: 4.427 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV008650.D
Acq: 19 Nov 2018 14:50

Tgt Ion: 96 Resp: 49041

Ion	Ratio	Lower	Upper
96	100		
61	136.3	93.2	173.2
68	0.0	0.0	0.0



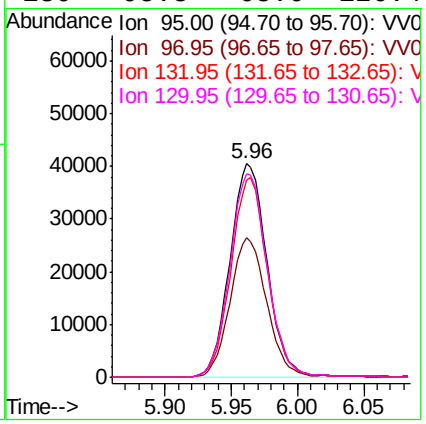


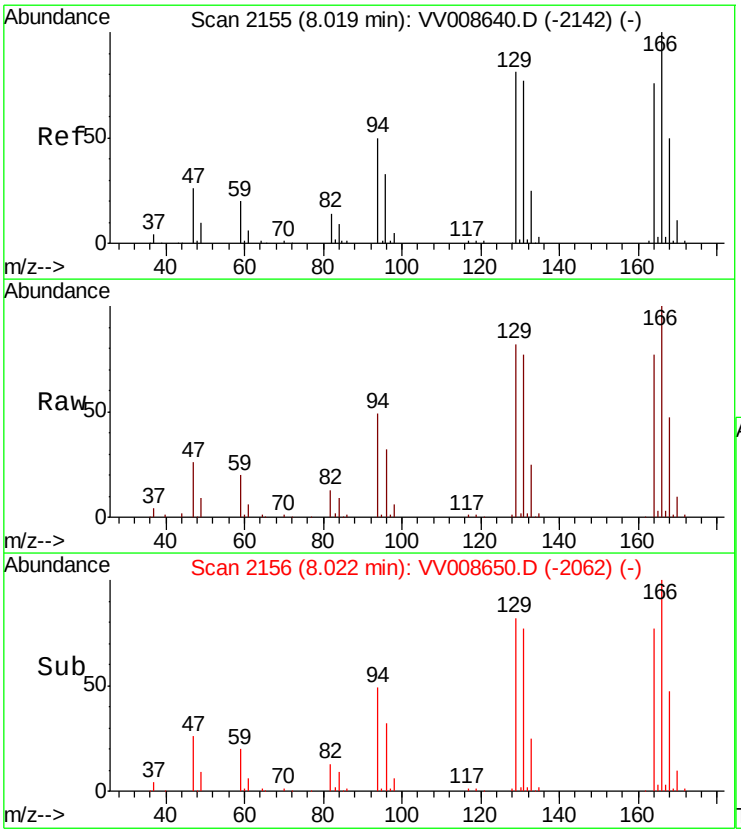
#34
Trichloroethene
Concen: 7.095 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008650.D
Acq: 19 Nov 2018 14:50

Instrument :
MSVOA_V
ClientSampleId :
H0FK0

Tgt Ion: 95 Resp: 78651

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.7
132	92.1	66.3	123.1
130	95.3	68.0	126.4





#47
Tetrachloroethene
Concen: 6.955 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008650.D
Acq: 19 Nov 2018 14:50

Tgt Ion:164 Resp: 55795

Ion	Ratio	Lower	Upper
164	100		
129	106.2	67.5	125.4
131	99.7	66.4	123.4
166	130.2	85.8	159.3