Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
Data File : VV009105.D
Acq On : 21 Dec 2018 01:29
Operator : SY/MD
Sample : J6468-17
Misc : 6.05 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JH3

Quant Time: Dec 21 03:00:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	206490	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	170712	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58535	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	42842	20.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.20%			
7) Chloroethane-d5	1.58	69	44499	28.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.76%			
10) 1,1-Dichloroethene-d2	2.13	63	85250	15.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.84%			
20) 2-Butanone-d5	3.94	46	41109	52.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.68%			
24) Chloroform-d	4.40	84	132229	26.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.56%			
26) 1,2-Dichloroethane-d4	5.08	65	81197	29.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.88%			
29) Benzene-d6	5.10	84	252444	26.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.92%			
33) 1,2-Dichloropropane-d6	6.12	67	80890	30.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.20%#			
37) Toluene-d8	7.36	98	218909	24.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.24%			
38) trans-1,3-Dichloropropene-	7.67	79	31254	26.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.60%			
39) 2-Hexanone-d5	8.14	63	23788	48.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.30%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59309	26.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.96%			
61) 1,2-Dichlorobenzene-d4	11.68	152	55956	25.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.88%			

Target Compounds						Qvalue
13) Acetone	2.20	43	4121	3.595	ug/L	93
16) Methylene chloride	2.54	84	7606	2.187	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	4083	1.420	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	12356	4.120	ug/L	93
35) Trichloroethene	5.96	95	94635	30.691	ug/L	99
47) Tetrachloroethene	8.02	164	11194	4.464	ug/L	95

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

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C0JH3

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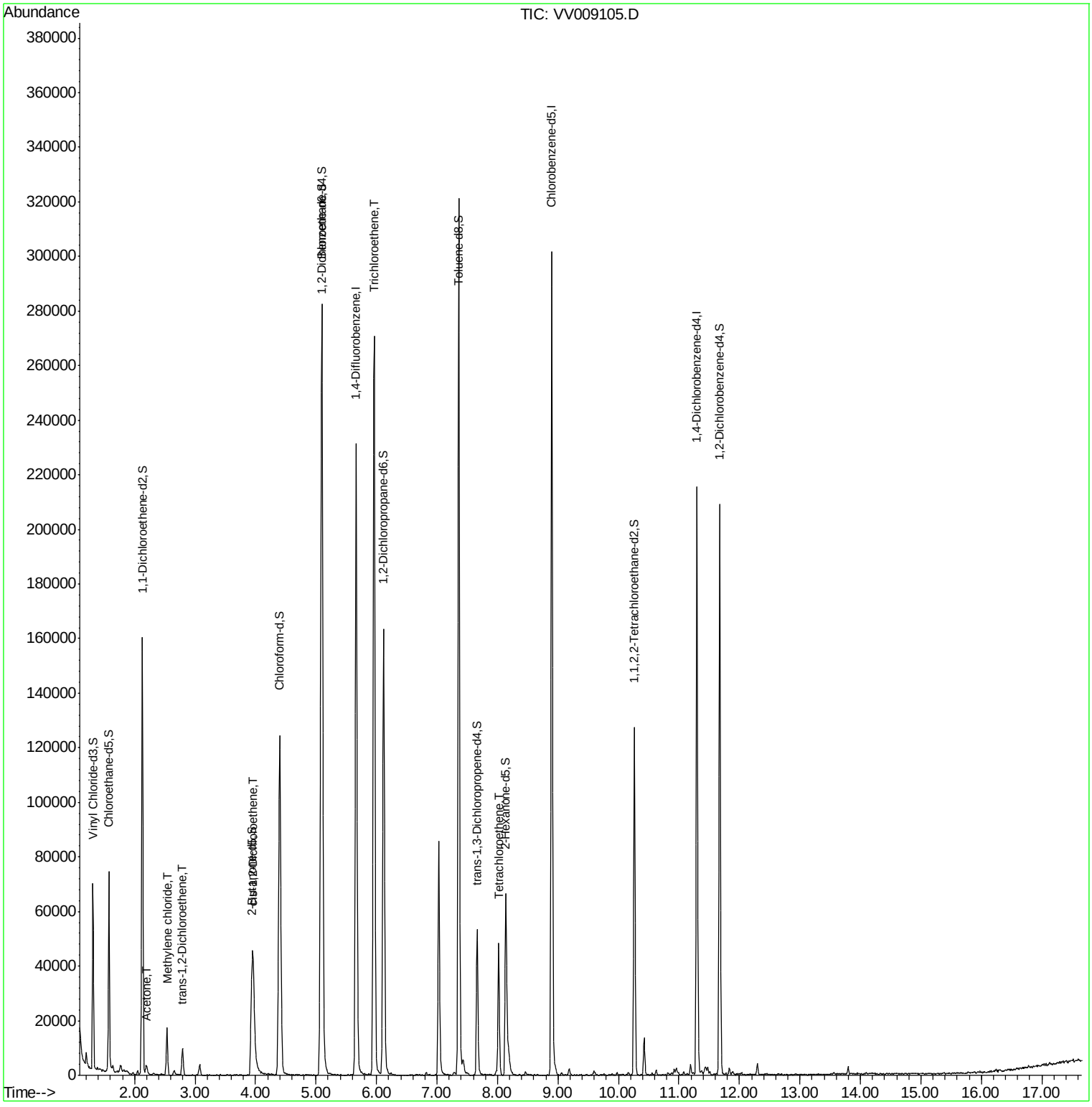
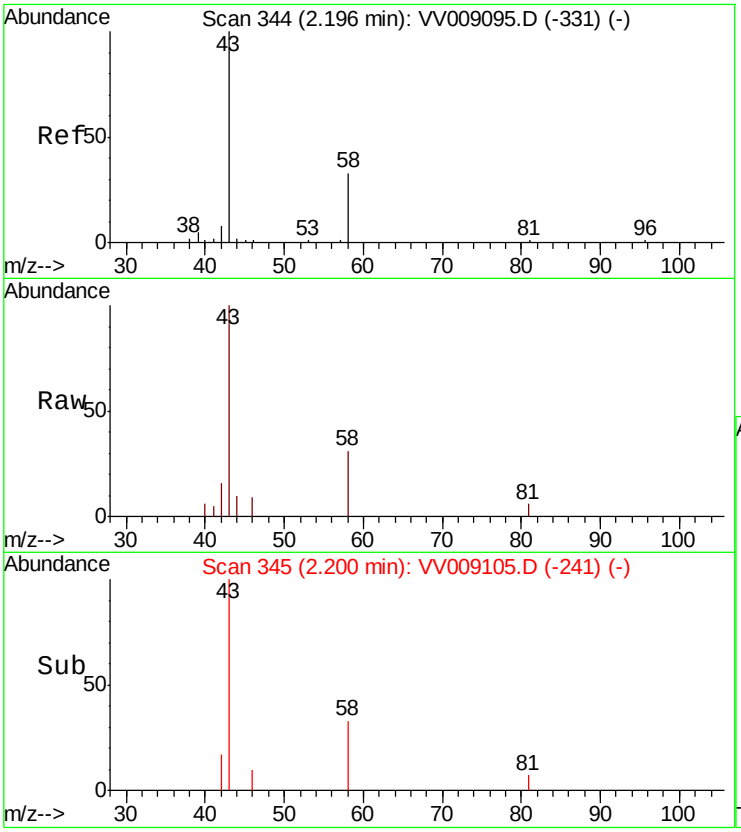


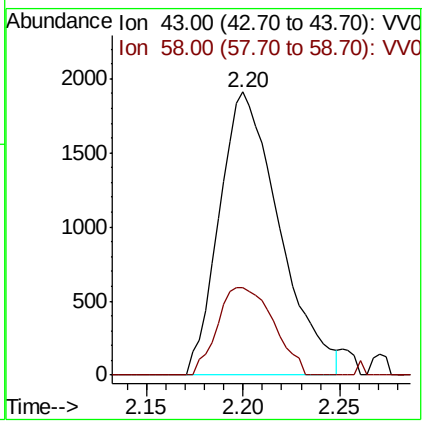


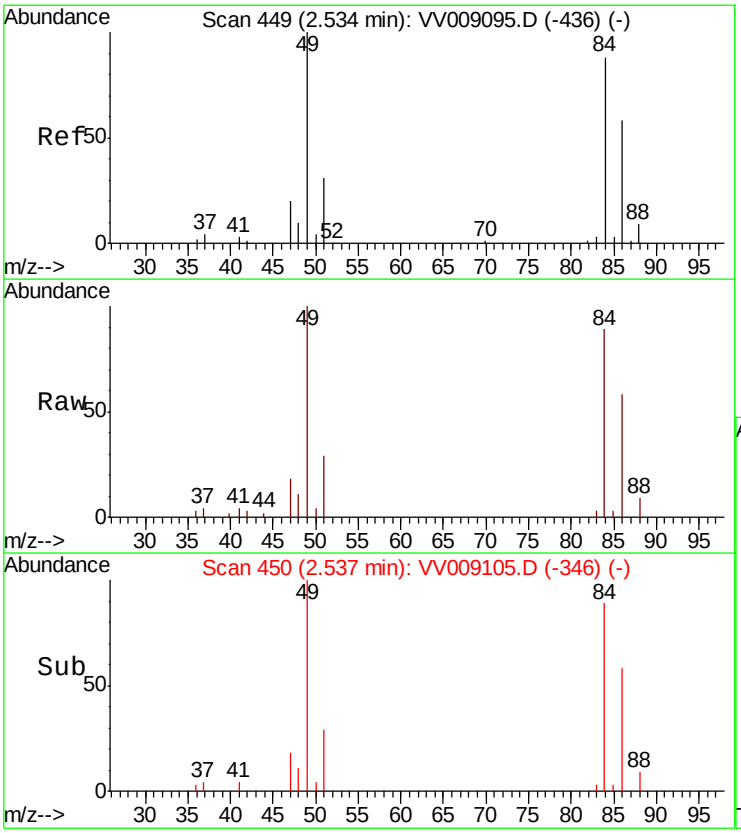
#13
Acetone
Concen: 3.595 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV009105.D
Acq: 21 Dec 2018 01:29

Instrument : MSVOA_V
ClientSampleId : C0JH3

Tgt Ion: 43 Resp: 4121

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	65.4

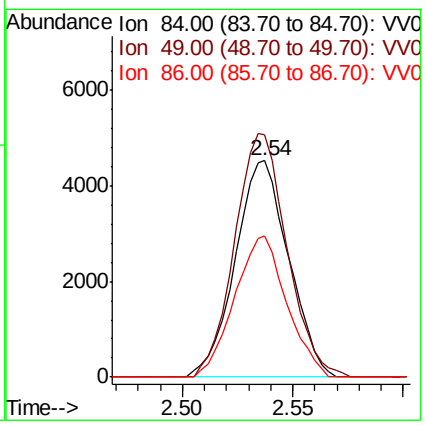


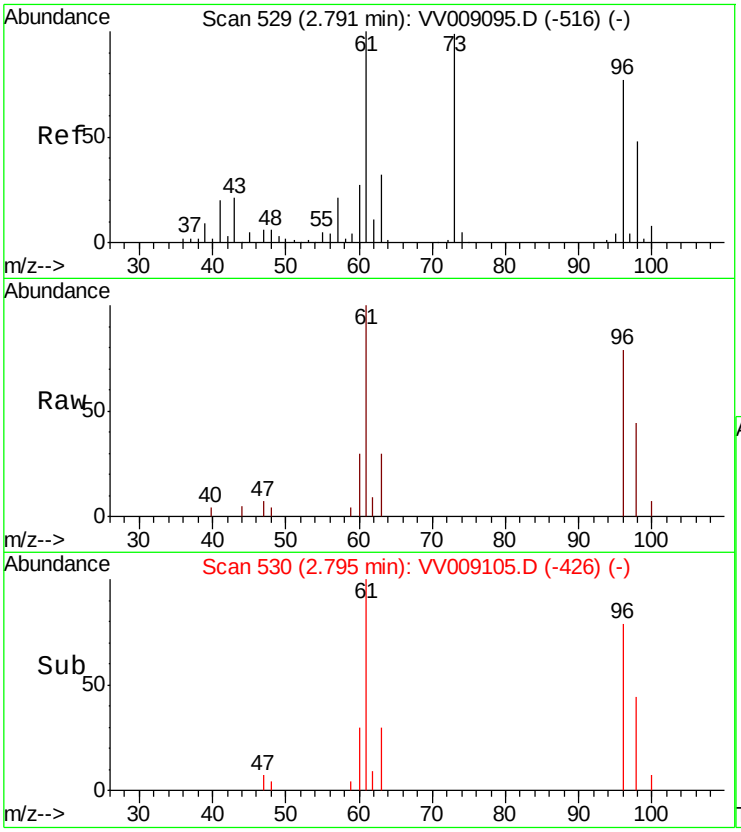


#16
Methylene chloride
Concen: 2.187 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009105.D
Acq: 21 Dec 2018 01:29

Tgt Ion: 84 Resp: 7606

Ion	Ratio	Lower	Upper
84	100		
49	112.1	80.5	149.5
86	65.3	45.5	84.5



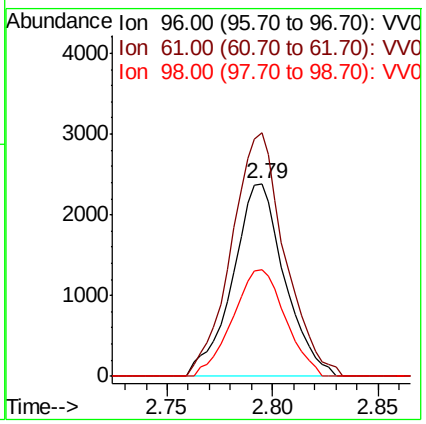


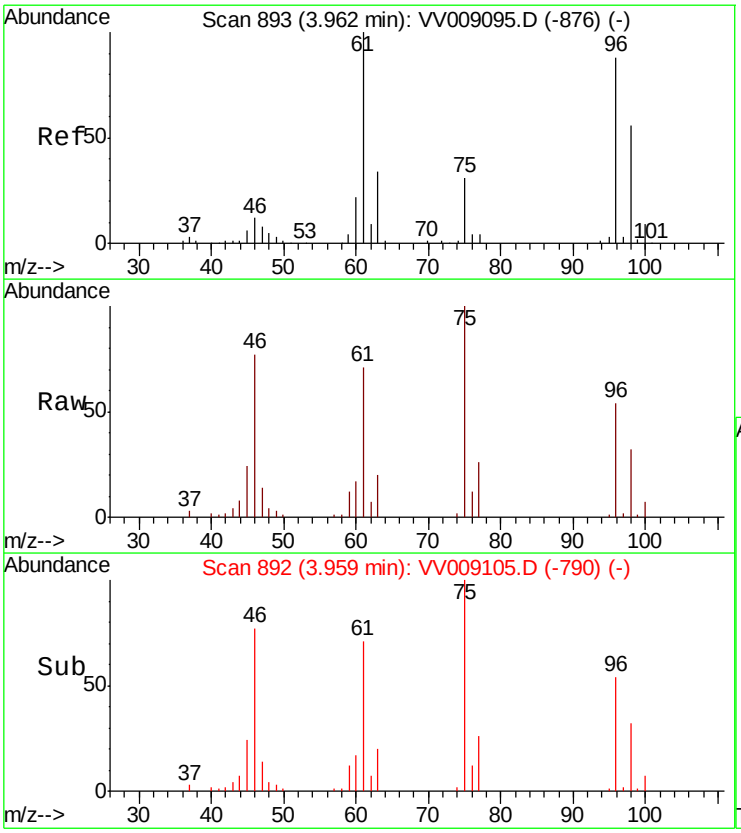
#18
trans-1,2-Dichloroethene
Concen: 1.420 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV009105.D
Acq: 21 Dec 2018 01:29

Instrument :
MSVOA_V
ClientSampleId :
C0JH3

Tgt Ion: 96 Resp: 4083

Ion	Ratio	Lower	Upper
96	100		
61	126.4	94.6	175.8
98	55.3	45.3	84.1

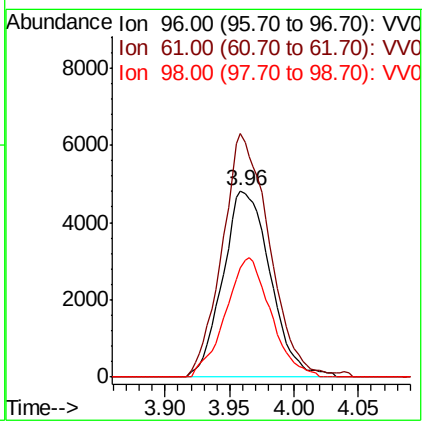


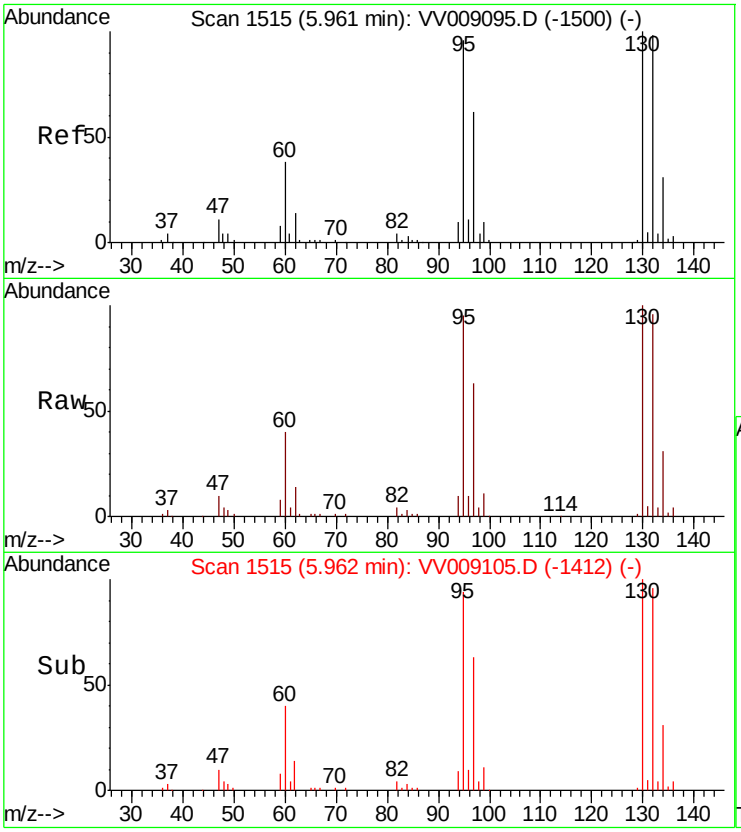


#22
cis-1,2-Dichloroethene
Concen: 4.120 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV009105.D
Acq: 21 Dec 2018 01:29

Tgt Ion: 96 Resp: 12356

Ion	Ratio	Lower	Upper
96	100		
61	130.6	86.2	160.0
98	58.6	45.6	84.6



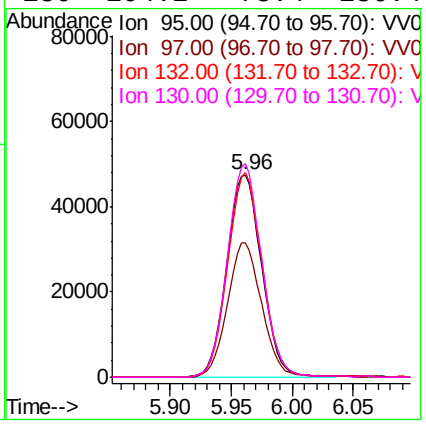


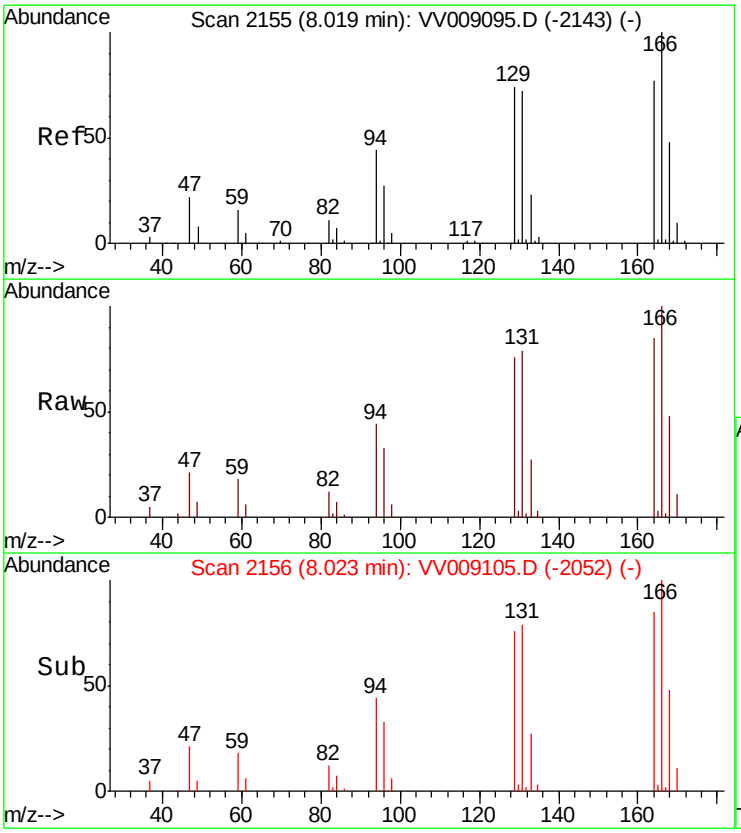
#35
Trichloroethene
Concen: 30.691 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009105.D
Acq: 21 Dec 2018 01:29

Instrument : MSVOA_V
ClientSampleId : C0JH3

Tgt Ion: 95 Resp: 94635

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.3	84.1
132	99.1	70.0	130.0
130	104.2	73.4	136.4





#47
Tetrachloroethene
Concen: 4.464 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV009105.D
Acq: 21 Dec 2018 01:29

Tgt Ion:164 Resp: 11194

Ion	Ratio	Lower	Upper
164	100		
129	89.1	64.6	120.0
131	92.6	64.5	119.7
166	117.1	88.7	164.7