Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090619\
Data File : VV012607.D
Acq On : 06 Sep 2019 19:34
Operator : SY/MD
Sample : K4703-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD89

Quant Time: Sep 07 02:00:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137649	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47000	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	61512	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.58	69	64927	5.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.40%			
11) 1,1-Dichloroethene-d2	2.13	63	97095	3.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	3.93	46	124457	49.57	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.14%			
24) Chloroform-d	4.40	84	92917	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.08	65	59873	5.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.00%			
32) Benzene-d6	5.10	84	187205	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.12	67	64429	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.36	98	140213	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.66	79	17324	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.13	63	72779	45.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43719	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	46661	5.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.80%			
Target Compounds						Qvalue
13) Acetone	2.19	43	8615	2.829	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	4890	0.184	ug/L #	86
25) Chloroform	4.43	83	18871	0.696	ug/L	99
34) Trichloroethene	5.96	95	5193	0.353	ug/L	91
47) Tetrachloroethene	8.02	164	33495	3.128	ug/L	98

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

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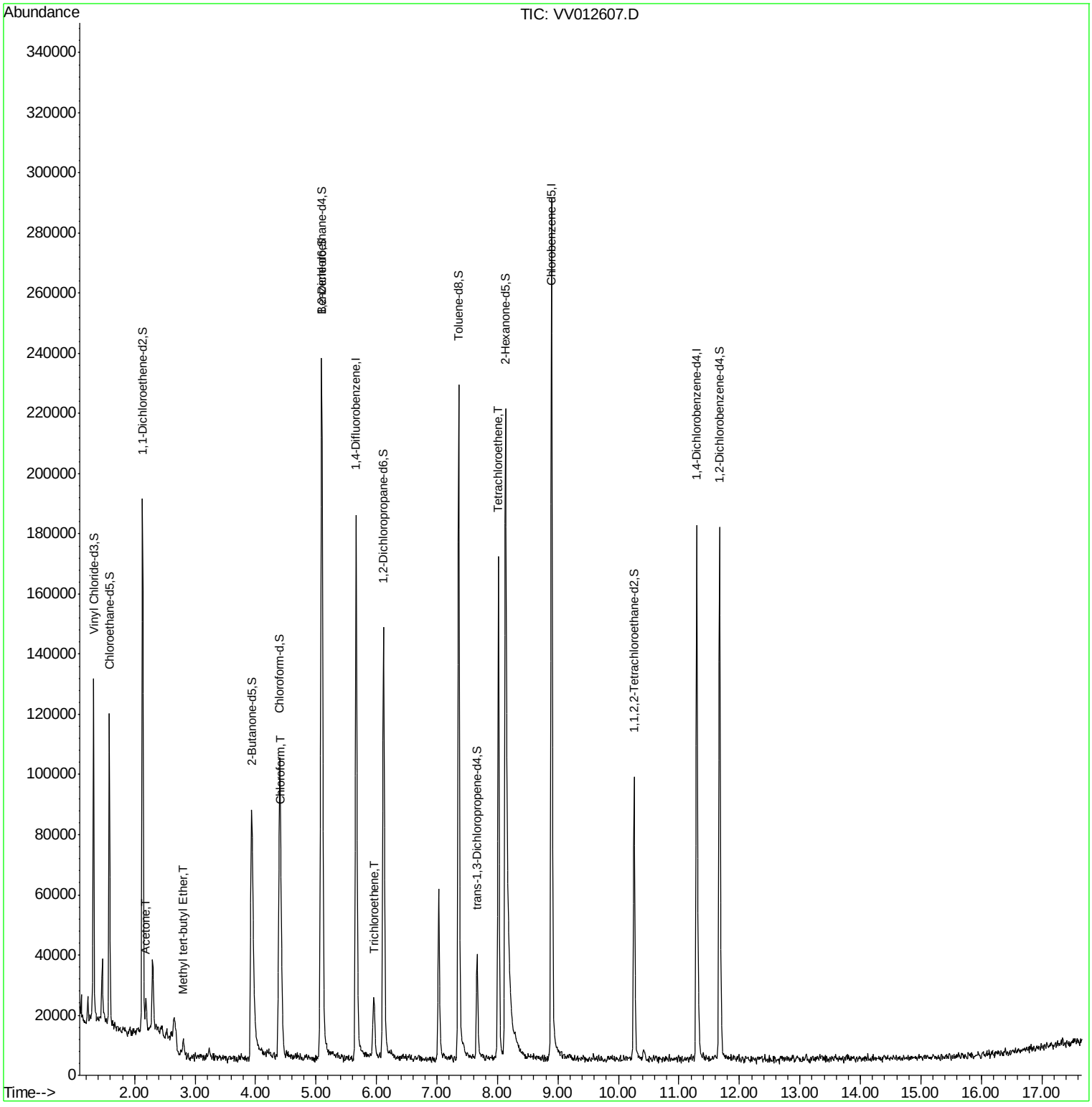
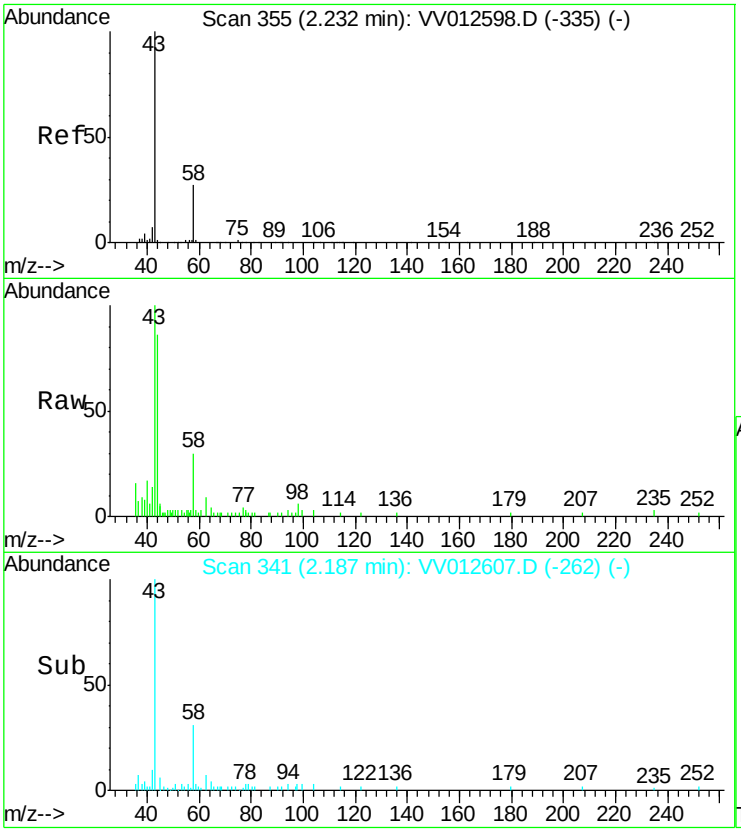


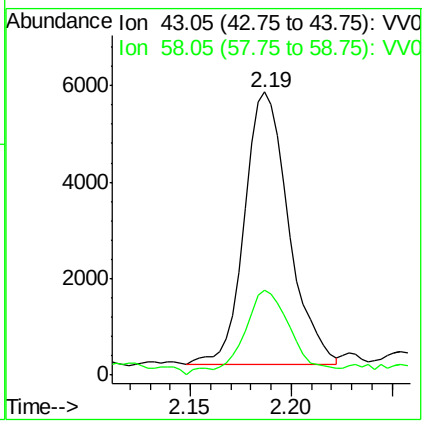


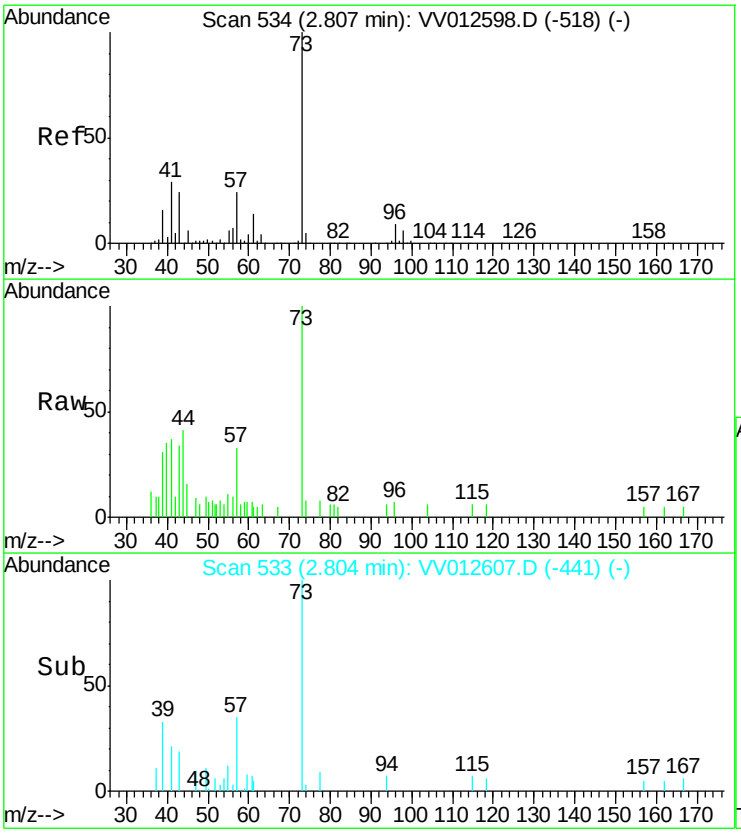
#13
Acetone
Concen: 2.829 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.05 min
Lab File: VV012607.D
Acq: 06 Sep 2019 19:34

Instrument : MSVOA_V
ClientSampleId : BFD89

Tgt Ion: 43 Resp: 8615

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	57.0

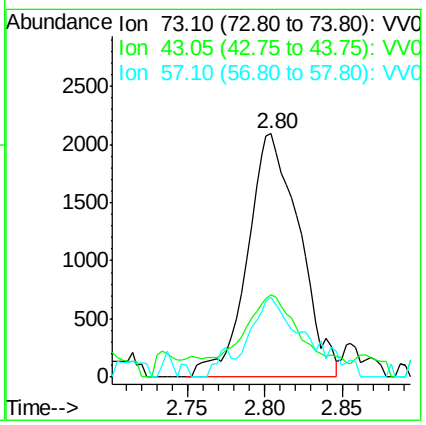


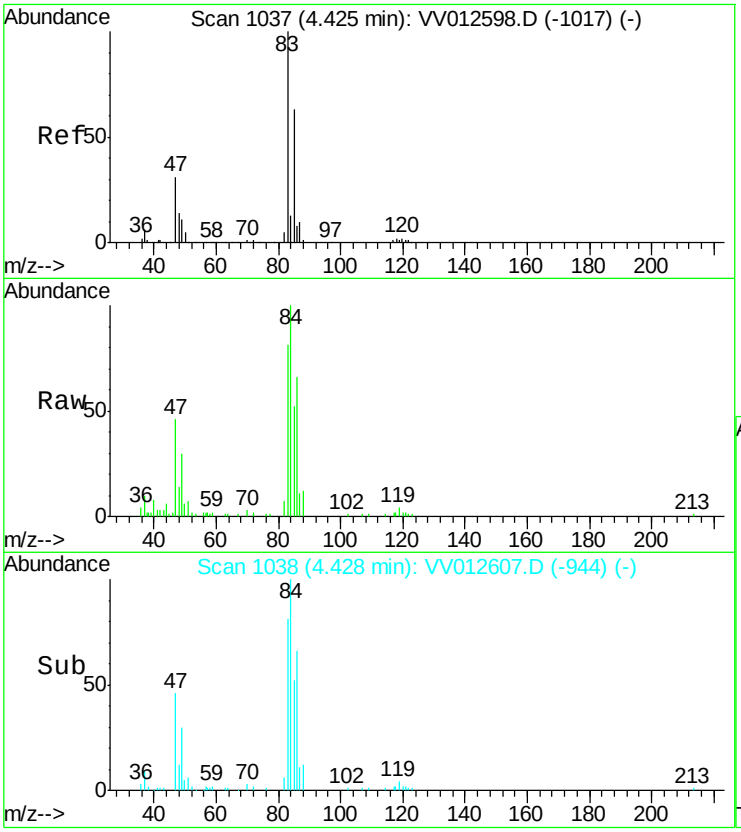


#17
Methyl tert-butyl Ether
Concen: 0.184 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012607.D
Acq: 06 Sep 2019 19:34

Tgt Ion: 73 Resp: 4890

Ion	Ratio	Lower	Upper
73	100		
43	27.3	18.9	28.3
57	33.7	18.9	28.3#



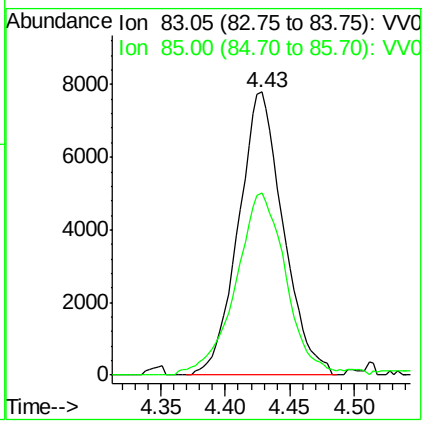


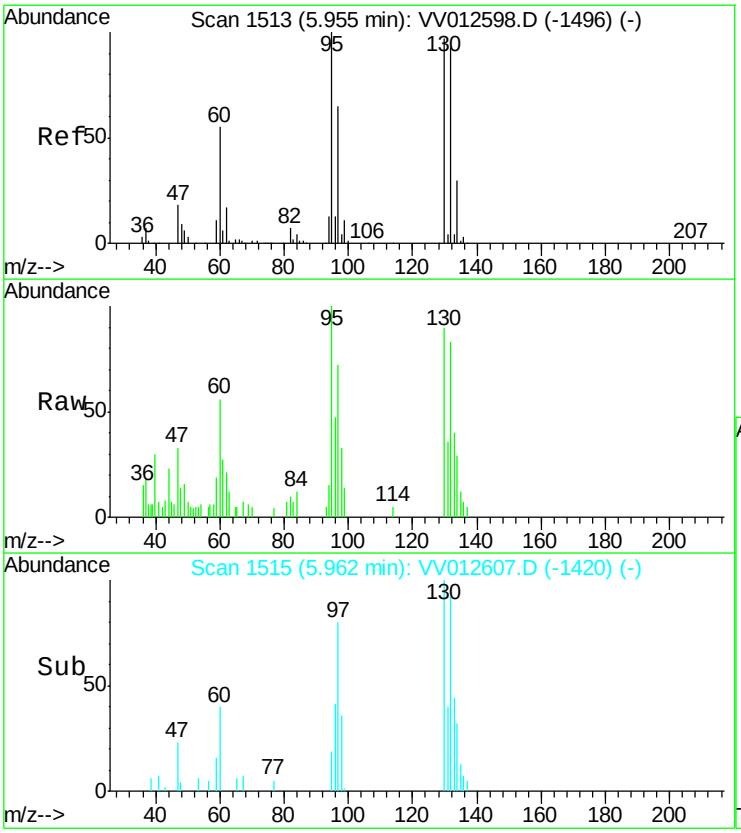
#25
Chloroform
Concen: 0.696 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012607.D
Acq: 06 Sep 2019 19:34

Instrument : MSVOA_V
ClientSampleId : BFD89

Tgt Ion: 83 Resp: 18871

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.4	82.5

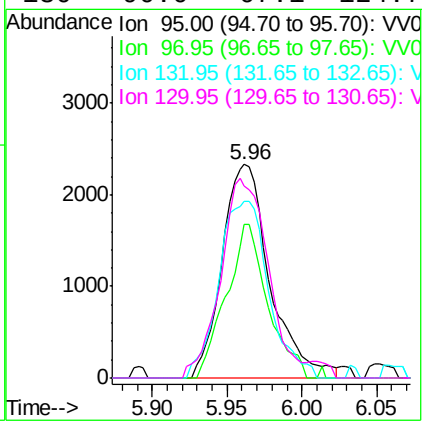


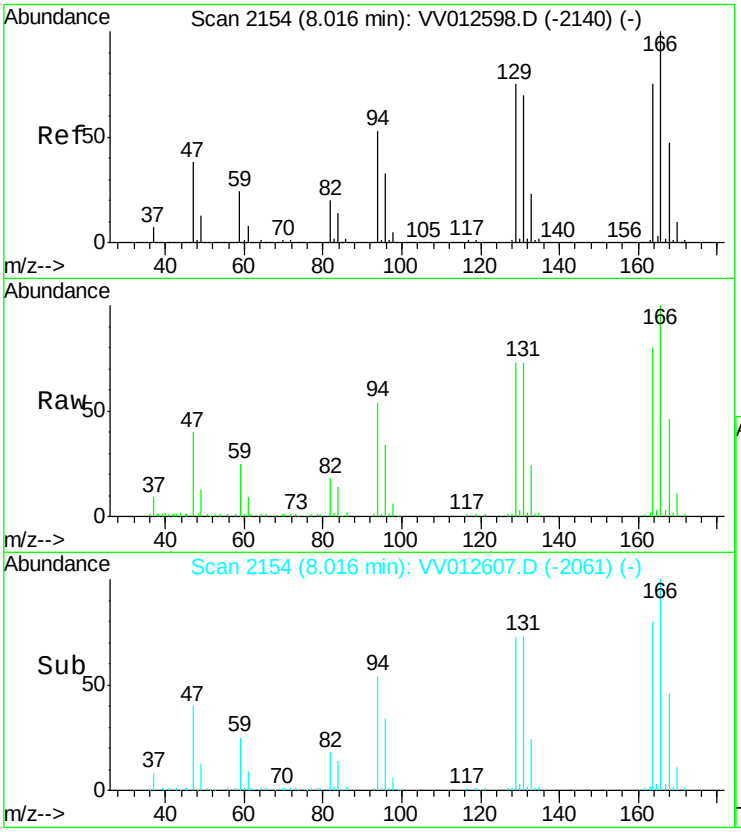


#34
Trichloroethene
Concen: 0.353 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012607.D
Acq: 06 Sep 2019 19:34

Tgt Ion: 95 Resp: 5193

Ion	Ratio	Lower	Upper
95	100		
97	72.2	43.9	81.5
132	82.6	64.8	120.4
130	90.0	67.1	124.7





#47
Tetrachloroethene
Concen: 3.128 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012607.D
Acq: 06 Sep 2019 19:34

Instrument :
MSVOA_V
ClientSampleId :
BFD89

Tgt Ion:164 Resp: 33495

Ion	Ratio	Lower	Upper
164	100		
129	90.8	65.0	120.6
131	91.0	62.0	115.2
166	125.1	87.0	161.6