Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081519\
Data File : VV012253.D
Acq On : 15 Aug 2019 17:09
Operator : SY/MD
Sample : K4373-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA8

Quant Time: Aug 16 08:43:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165426	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73888	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40449	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.58	69	30393	3.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.80%			
11) 1,1-Dichloroethene-d2	2.13	63	58599	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	3.95	46	18915	8.45	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 16.90%#			
24) Chloroform-d	4.40	84	85839	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.08	65	48175	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.10	84	193580	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.12	67	55705	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.36	98	169331	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.67	79	19022	4.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%			
46) 2-Hexanone-d5	8.13	63	48865	32.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 64.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37219	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	65207	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
13) Acetone	2.18	43	2573	1.845	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	53133	2.180	ug/L	98
21) 2-Butanone	4.00	43	25946	9.097	ug/L #	61
34) Trichloroethene	5.96	95	4030	0.298	ug/L	94
47) Tetrachloroethene	8.02	164	3563	0.320	ug/L	97
56) Isopropylbenzene	9.97	105	9715	0.177	ug/L	100

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

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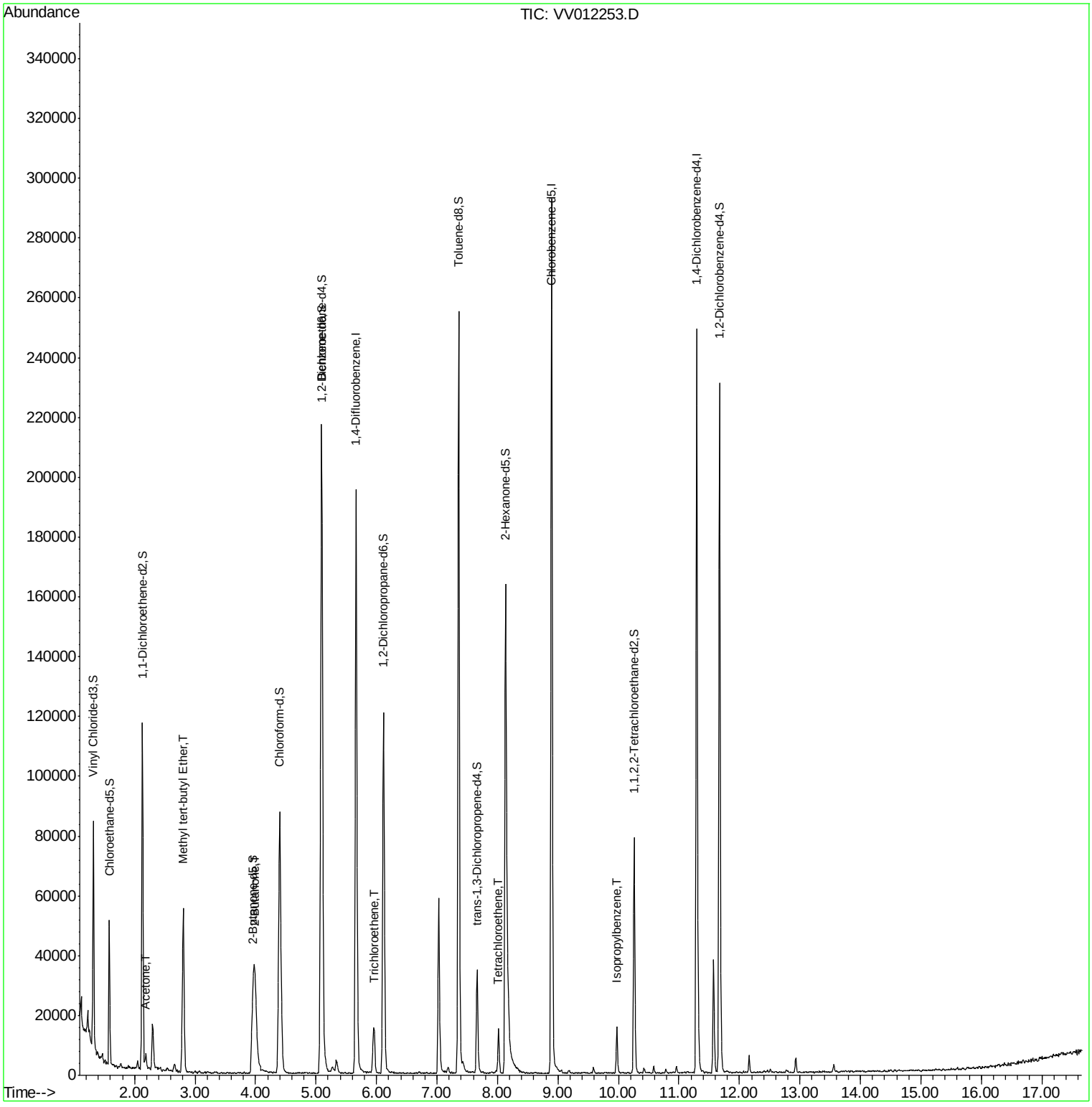
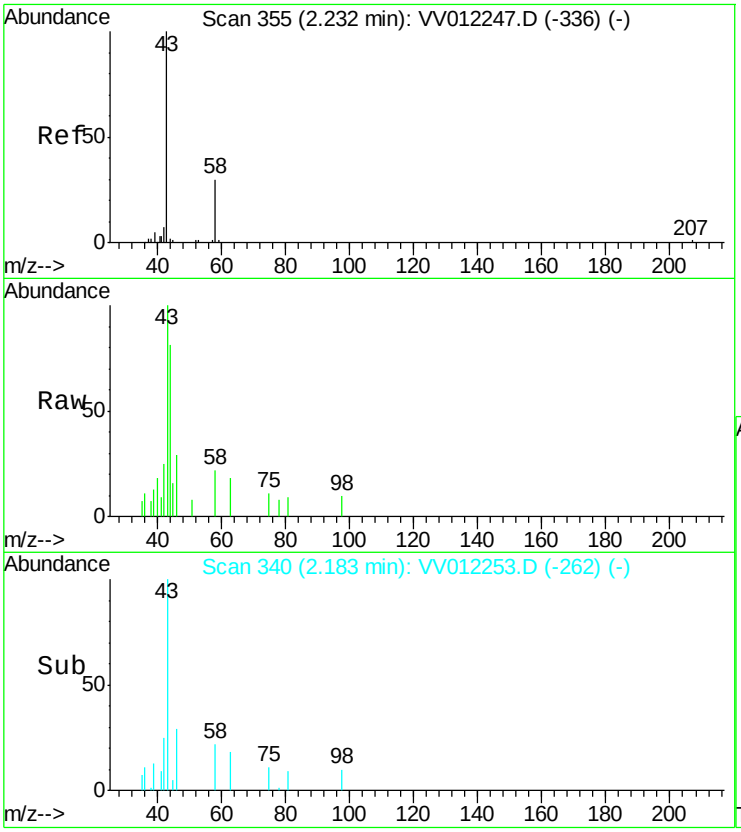


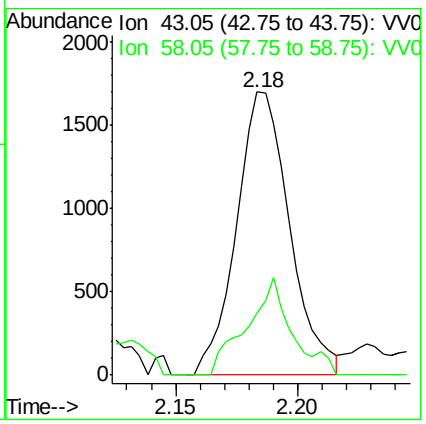


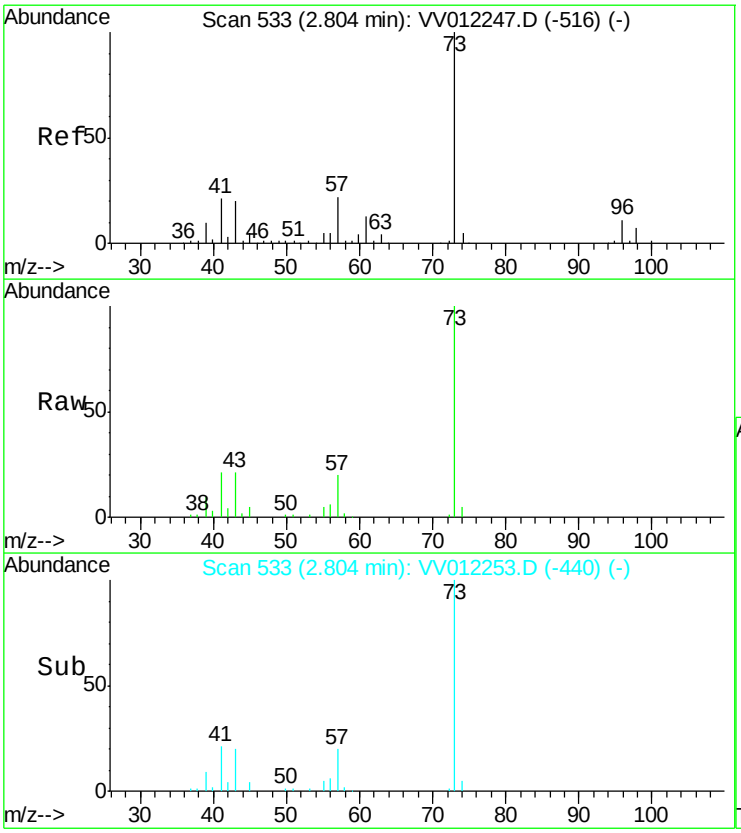
#13
Acetone
Concen: 1.845 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.05 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Instrument : MSVOA_V
ClientSampleId : C0AA8

Tgt Ion: 43 Resp: 2573

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	59.4

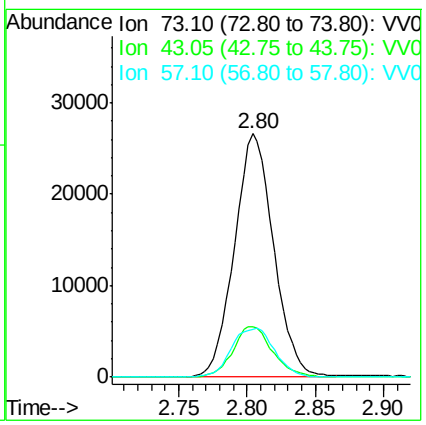


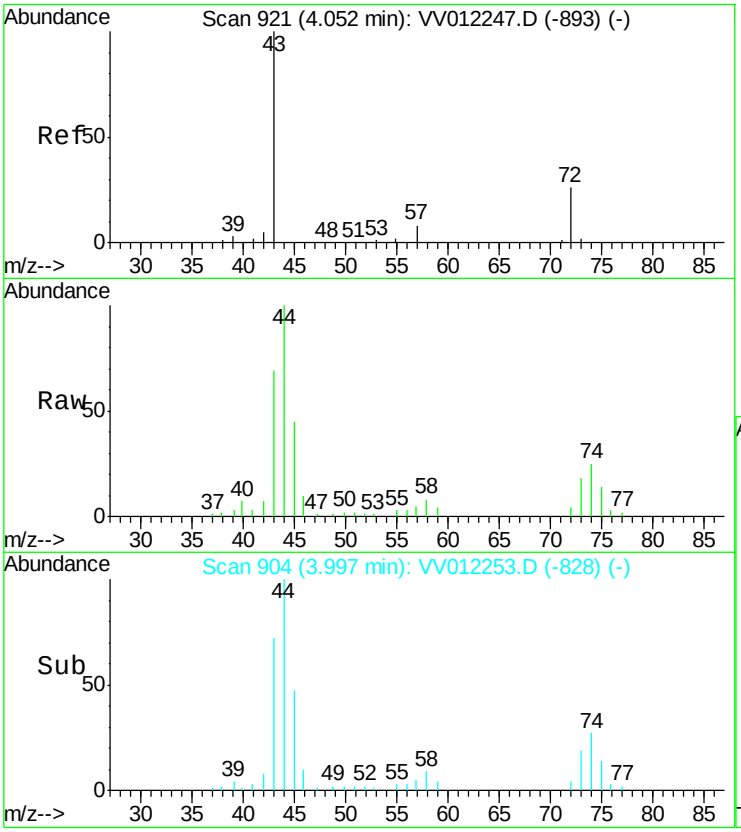


#17
Methyl tert-butyl Ether
Concen: 2.180 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Tgt Ion: 73 Resp: 53133

Ion	Ratio	Lower	Upper
73	100		
43	21.0	15.4	23.0
57	22.1	17.8	26.6



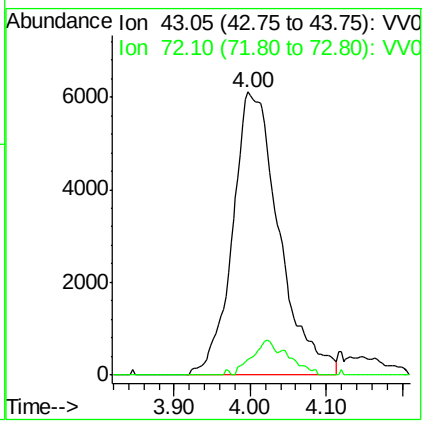


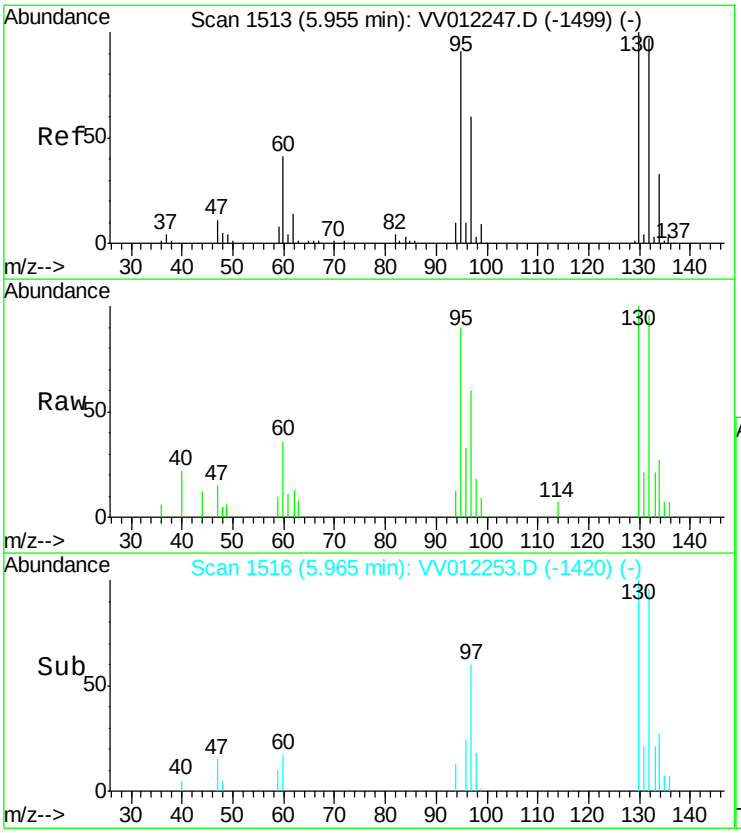
#21
2-Butanone
Concen: 9.097 ug/L
RT: 4.00 min Scan# 904
Delta R.T. -0.05 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Instrument : MSVOA_V
ClientSampleId : C0AA8

Tgt Ion: 43 Resp: 25946

Ion	Ratio	Lower	Upper
43	100		
72	6.1	12.9	38.7#

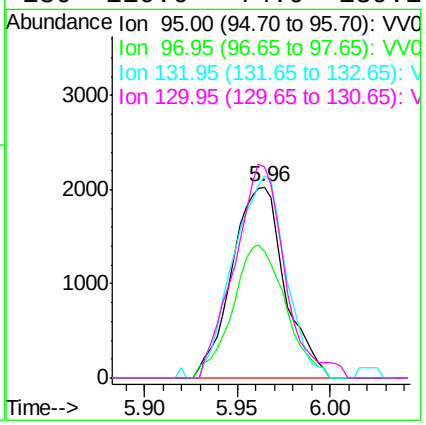


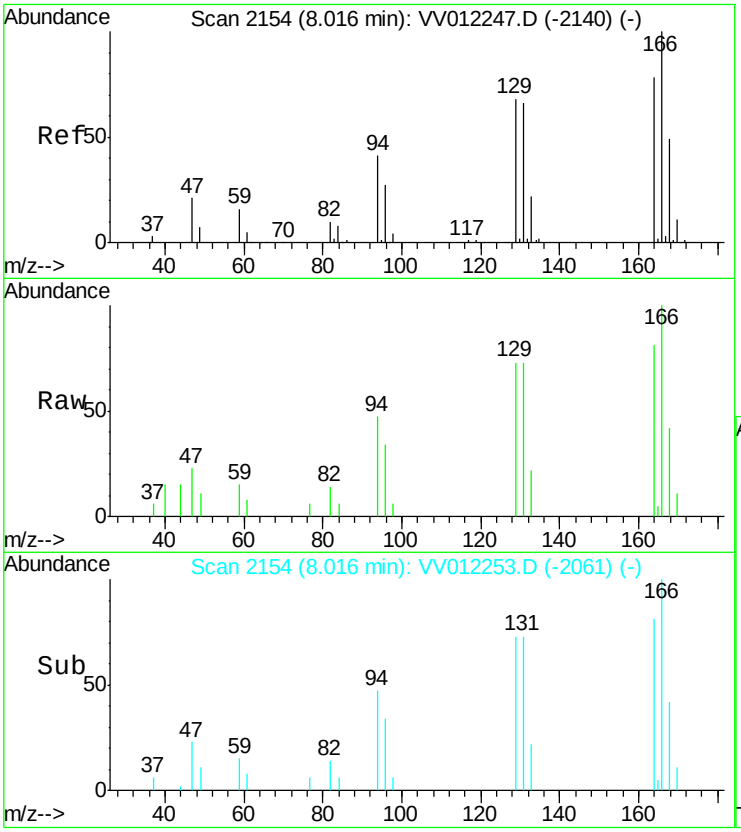


#34
Trichloroethene
Concen: 0.298 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Tgt Ion: 95 Resp: 4030

Ion	Ratio	Lower	Upper
95	100		
97	66.6	43.3	80.3
132	105.9	67.5	125.3
130	110.6	74.9	139.1



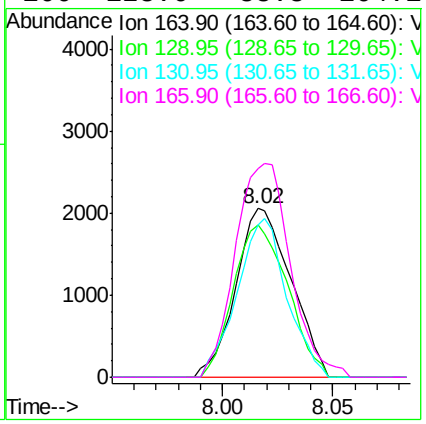


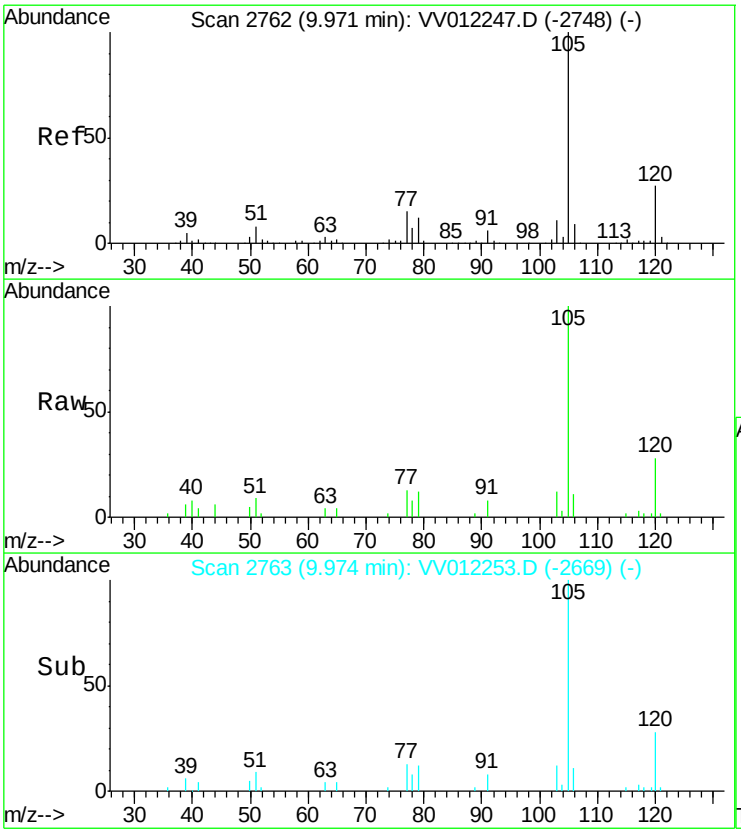
#47
Tetrachloroethene
Concen: 0.320 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Instrument :
MSVOA_V
ClientSampleId :
C0AA8

Tgt Ion:164 Resp: 3563

Ion	Ratio	Lower	Upper
164	100		
129	90.6	65.8	122.2
131	90.4	61.9	114.9
166	123.6	88.3	164.1





#56
Isopropylbenzene
Concen: 0.177 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012253.D
Acq: 15 Aug 2019 17:09

Tgt Ion:105 Resp: 9715

Ion	Ratio	Lower	Upper
105	100		
120	27.6	22.0	33.0
77	15.7	12.5	18.7