Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091019\
Data File : VV012665.D
Acq On : 10 Sep 2019 19:09
Operator : SY/MD
Sample : K4809-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDC1

Quant Time: Sep 11 09:12:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 11 05:21:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400903	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	167873	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	96245	3.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.80%			
7) Chloroethane-d5	1.58	69	82769	3.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.60%			
11) 1,1-Dichloroethene-d2	2.13	63	123777	2.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.40%#			
20) 2-Butanone-d5	3.94	46	323053	49.36	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.72%			
24) Chloroform-d	4.40	84	193092	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.20%			
26) 1,2-Dichloroethane-d4	5.08	65	102327	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
32) Benzene-d6	5.10	84	361398	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.00%			
36) 1,2-Dichloropropane-d6	6.12	67	124342	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.40%			
41) Toluene-d8	7.36	98	277441	3.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.20%#			
43) trans-1,3-Dichloropropene-	7.67	79	35571	3.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.60%			
46) 2-Hexanone-d5	8.14	63	160351	40.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95959	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	122565	4.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.40%			
Target Compounds						Qvalue
13) Acetone	2.20	43	48568	12.662	ug/L	97
15) Methyl Acetate	2.46	43	23662	2.293	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	3580	0.128	ug/L	99
19) 1,1-Dichloroethane	3.23	63	10483	0.199	ug/L	95
21) 2-Butanone	4.05	43	20058	3.049	ug/L #	67
22) cis-1,2-Dichloroethene	3.96	96	1108518	36.446	ug/L	98
34) Trichloroethene	5.96	95	274424	8.543	ug/L	99
47) Tetrachloroethene	8.02	164	1625482	64.464	ug/L	98

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

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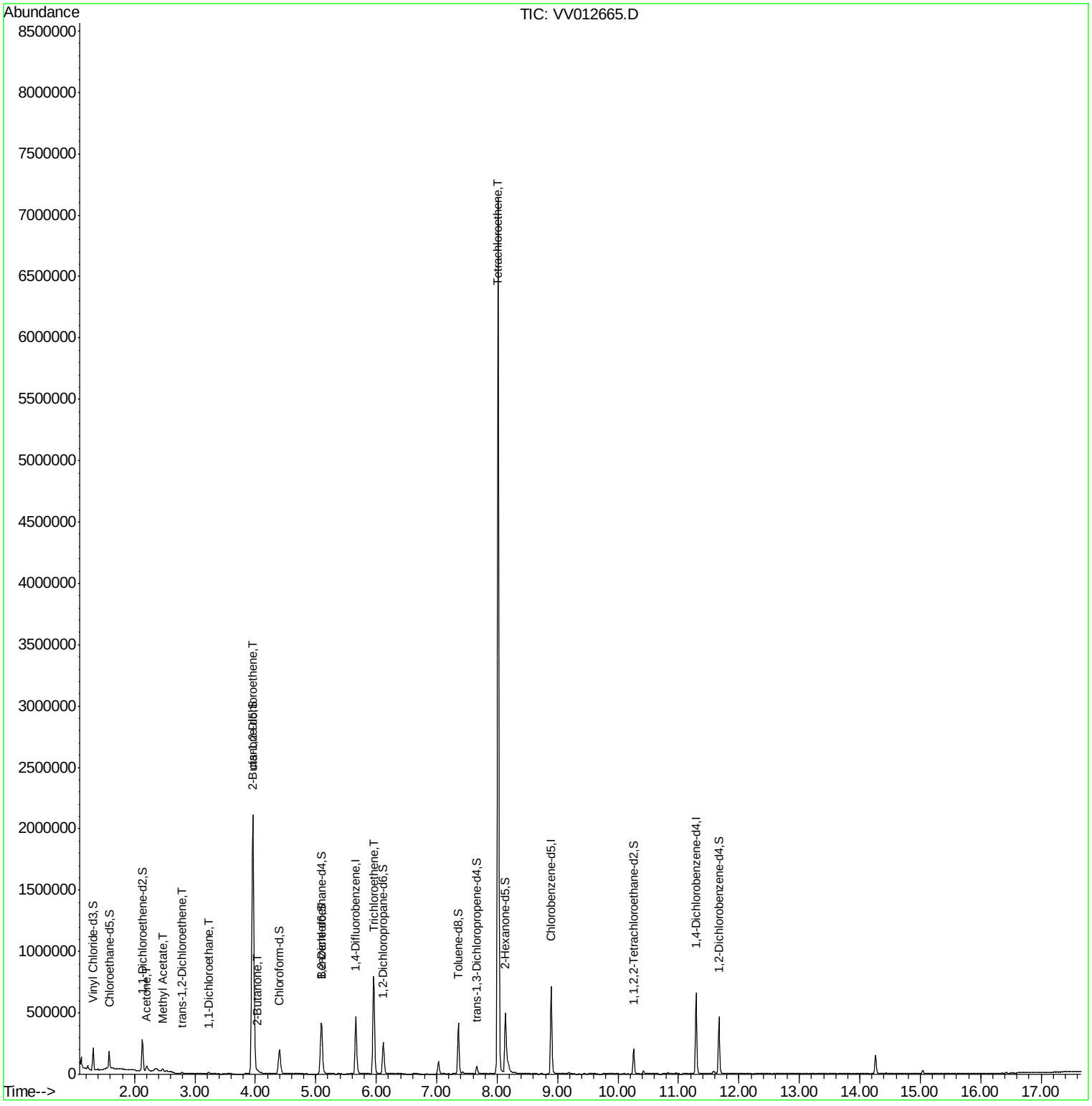
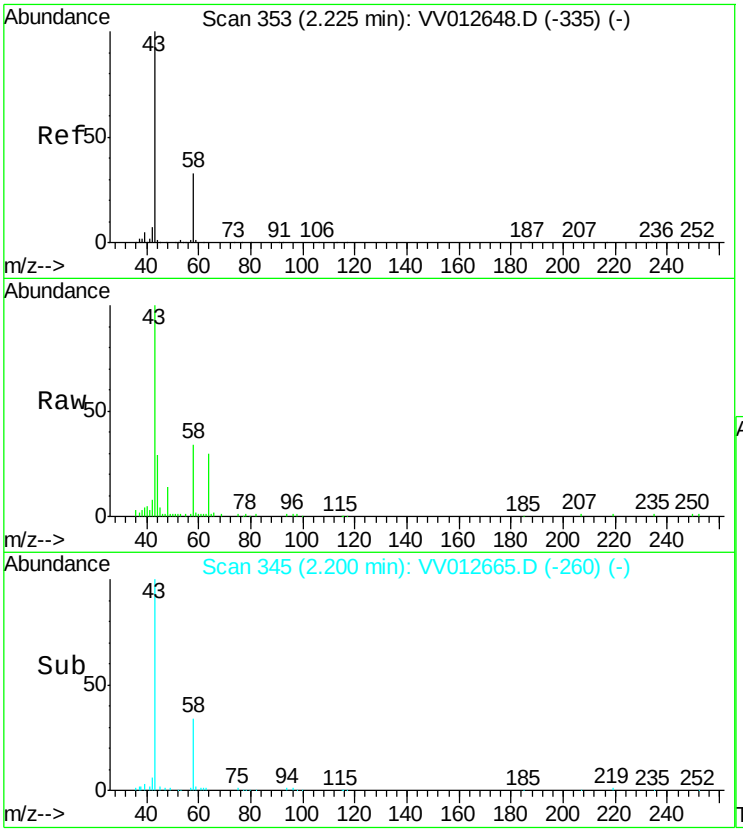
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 11 05:21:41 2019
Response via : Initial Calibration



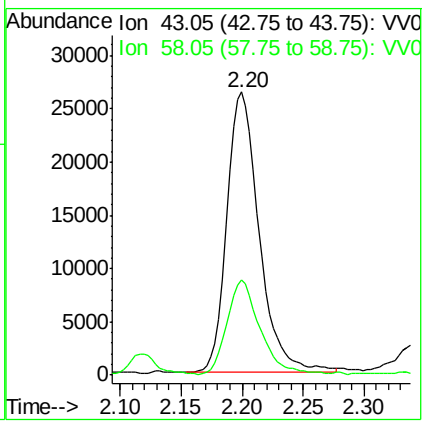


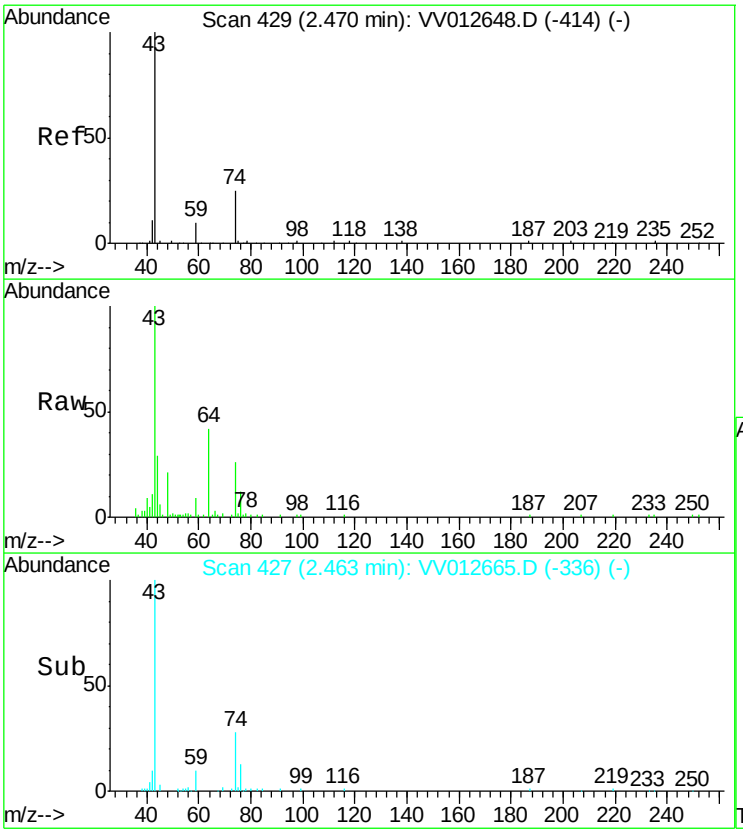
#13
Acetone
Concen: 12.662 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.03 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Instrument :
MSVOA_V
ClientSampleId :
BFDC1

Tgt Ion: 43 Resp: 48568

Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	67.4

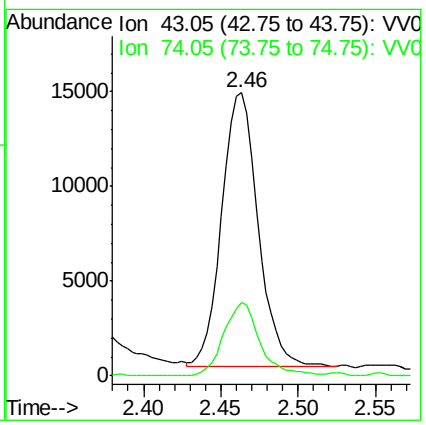


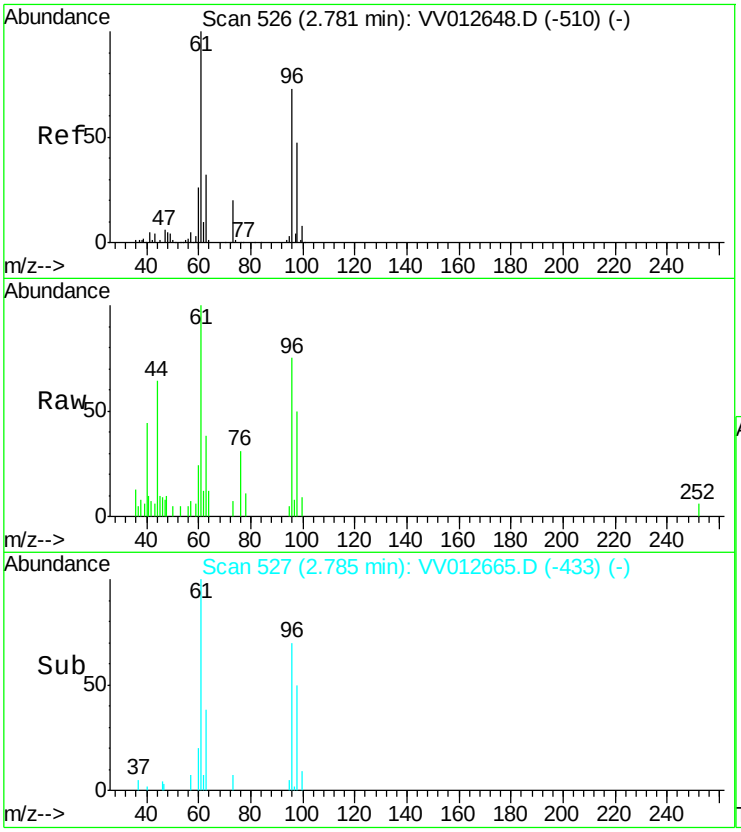


#15
Methyl Acetate
Concen: 2.293 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.01 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Tgt Ion: 43 Resp: 23662

Ion	Ratio	Lower	Upper
43	100		
74	26.6	19.8	29.6



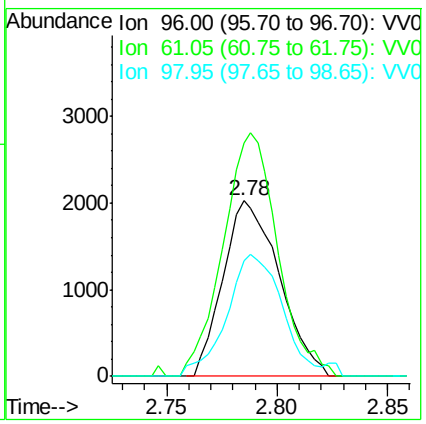


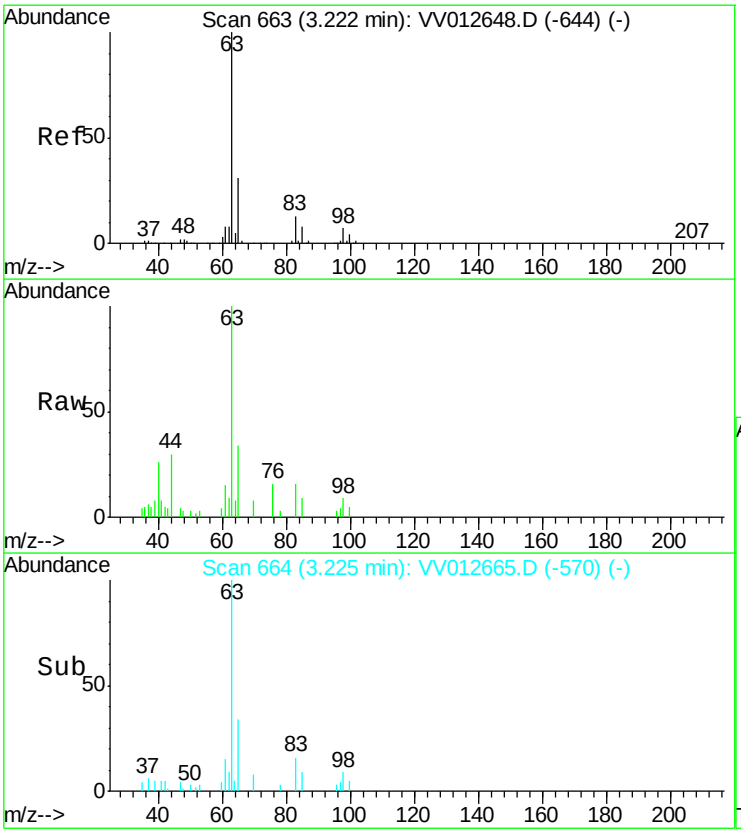
#18
trans-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Instrument :
MSVOA_V
ClientSampleId :
BFDC1

Tgt Ion: 96 Resp: 3580

Ion	Ratio	Lower	Upper
96	100		
61	133.4	93.0	172.8
98	66.2	44.7	83.1

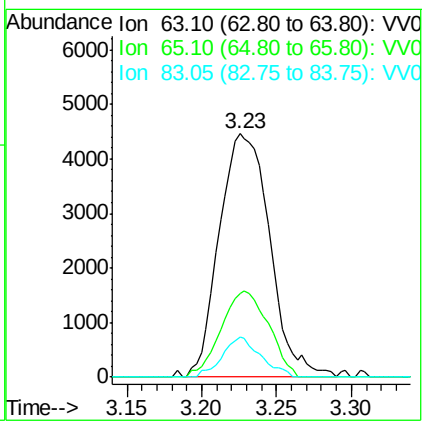


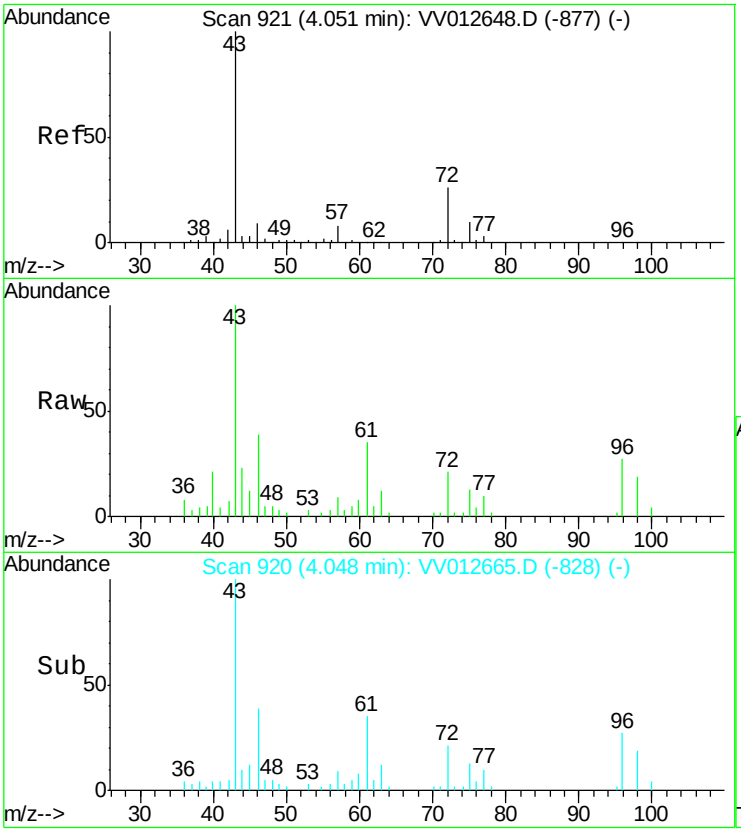


#19
1,1-Dichloroethane
Concen: 0.199 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Tgt Ion: 63 Resp: 10483

Ion	Ratio	Lower	Upper
63	100		
65	34.4	22.7	42.3
83	16.4	9.1	16.9



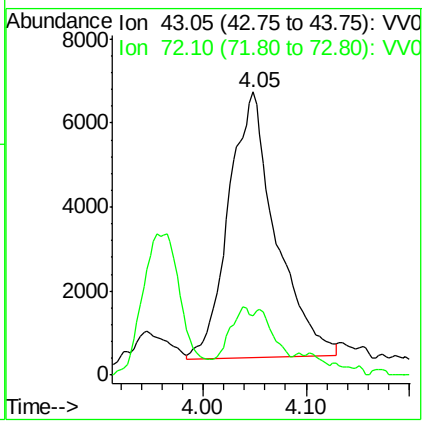


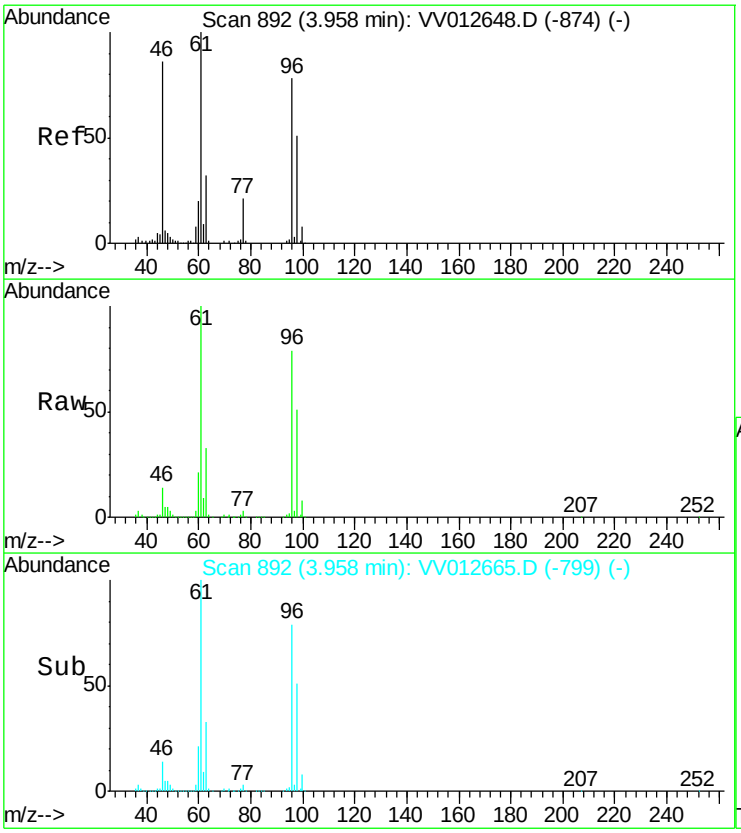
#21
2-Butanone
Concen: 3.049 ug/L
RT: 4.05 min Scan# 920
Delta R.T. -0.00 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Instrument :
MSVOA_V
ClientSampleId :
BFDC1

Tgt Ion: 43 Resp: 20058

Ion	Ratio	Lower	Upper
43	100		
72	8.9	13.0	38.9#

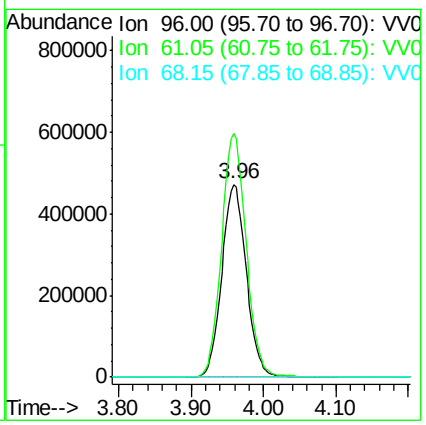


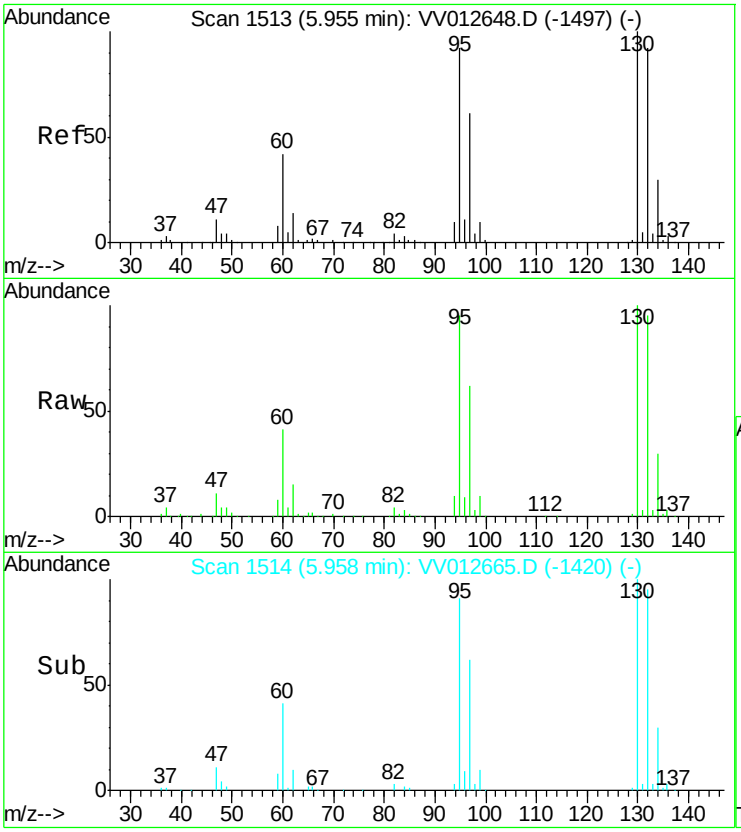


#22
cis-1,2-Dichloroethene
Concen: 36.446 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Tgt Ion: 96 Resp: 1108518

Ion	Ratio	Lower	Upper
96	100		
61	126.1	89.7	166.5
68	0.0	0.0	0.0



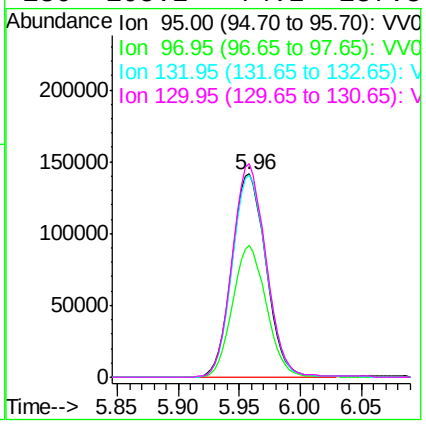


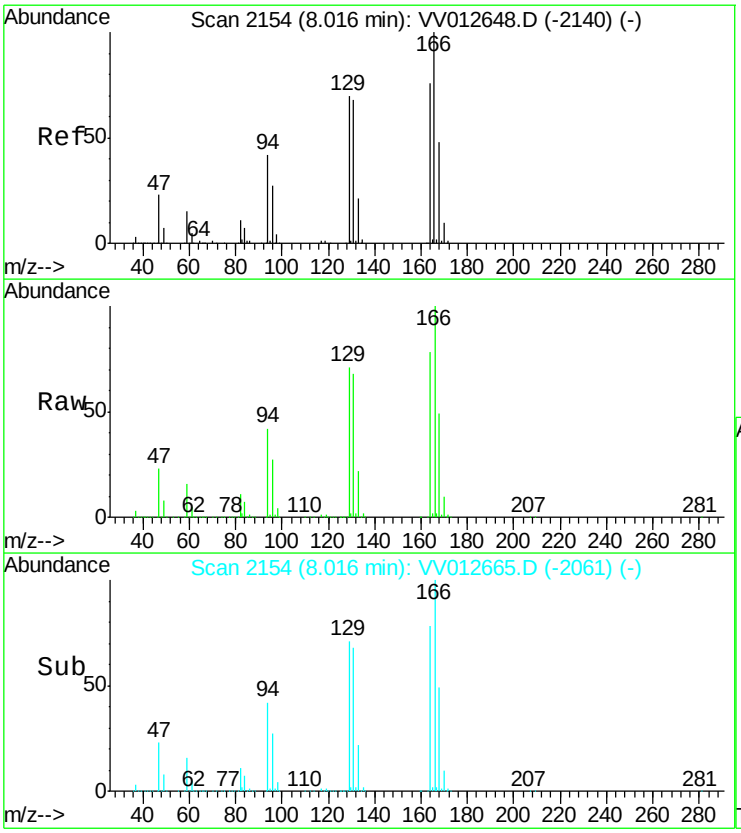
#34
Trichloroethene
Concen: 8.543 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Instrument : MSVOA_V
ClientSampleId : BFDC1

Tgt Ion: 95 Resp: 274424

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.2
132	99.7	70.2	130.4
130	105.2	74.2	137.8





#47
Tetrachloroethene
Concen: 64.464 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012665.D
Acq: 10 Sep 2019 19:09

Tgt Ion:164 Resp: 1625482

Ion	Ratio	Lower	Upper
164	100		
129	91.0	61.9	114.9
131	87.1	59.7	110.9
166	127.5	90.4	167.8