Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Data File : VV011927.D
Acq On : 17 Jul 2019 21:53
Operator : SY/MD
Sample : K3823-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52W1

Quant Time: Jul 18 04:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	162900	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72306	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54587	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.58	69	47067	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.13	63	70641	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.20%			
20) 2-Butanone-d5	3.94	46	155324	51.40	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.80%			
24) Chloroform-d	4.40	84	108942	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	59460	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	219166	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.12	67	68198	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.36	98	185995	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%			
43) trans-1,3-Dichloropropene-	7.67	79	21546	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.13	63	93713	44.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.54%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41227	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	71666	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	9829	0.632	ug/L	84
13) Acetone	2.19	43	119137	77.688	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	5704	0.467	ug/L	90
21) 2-Butanone	4.03	43	52707	17.529	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	154347	12.282	ug/L	100
34) Trichloroethene	5.96	95	1871	0.135	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	12300	1.681	ug/L #	90

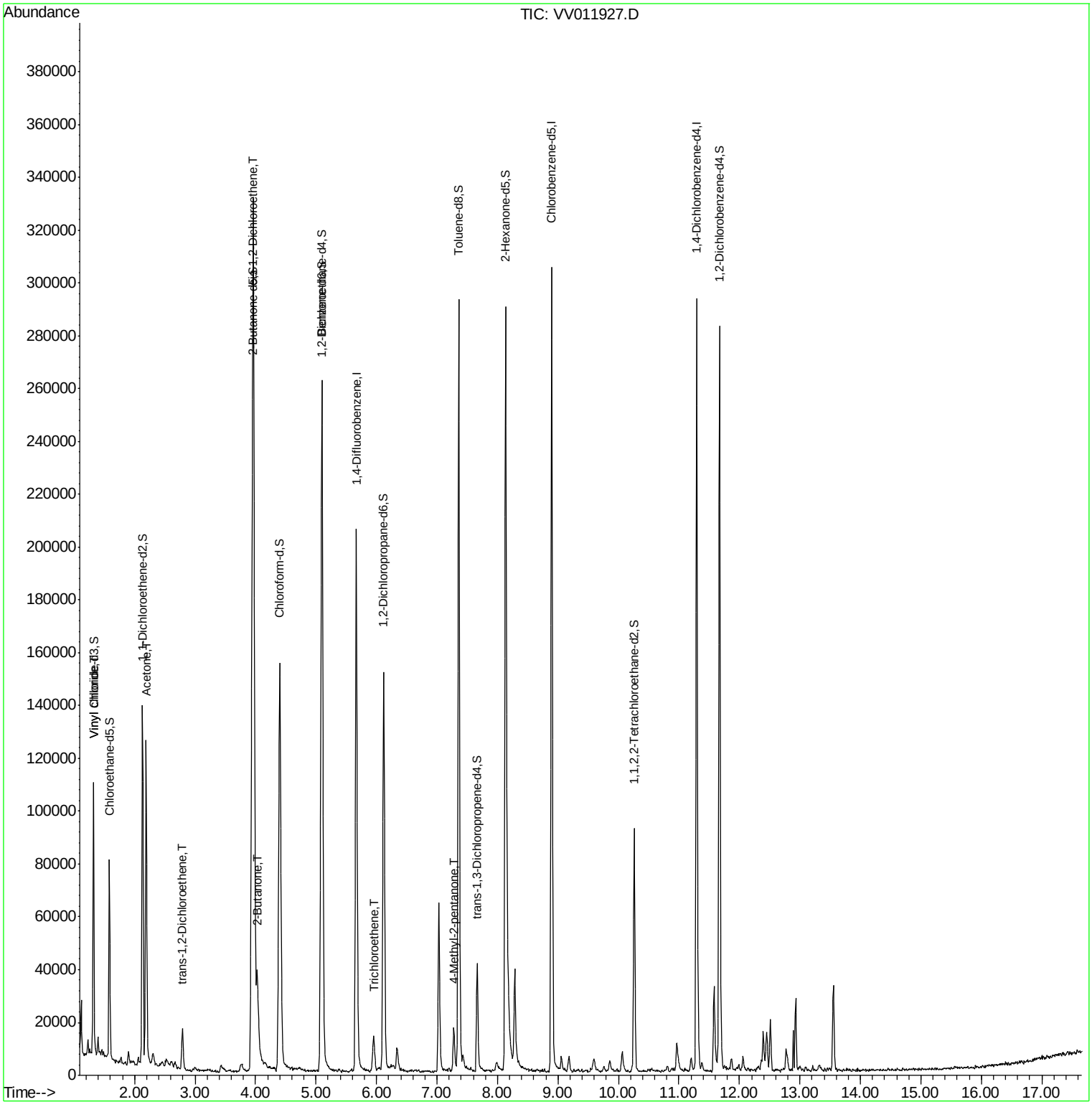
(#) = qualifier out of range (m) = manual integration (+) = signals summed

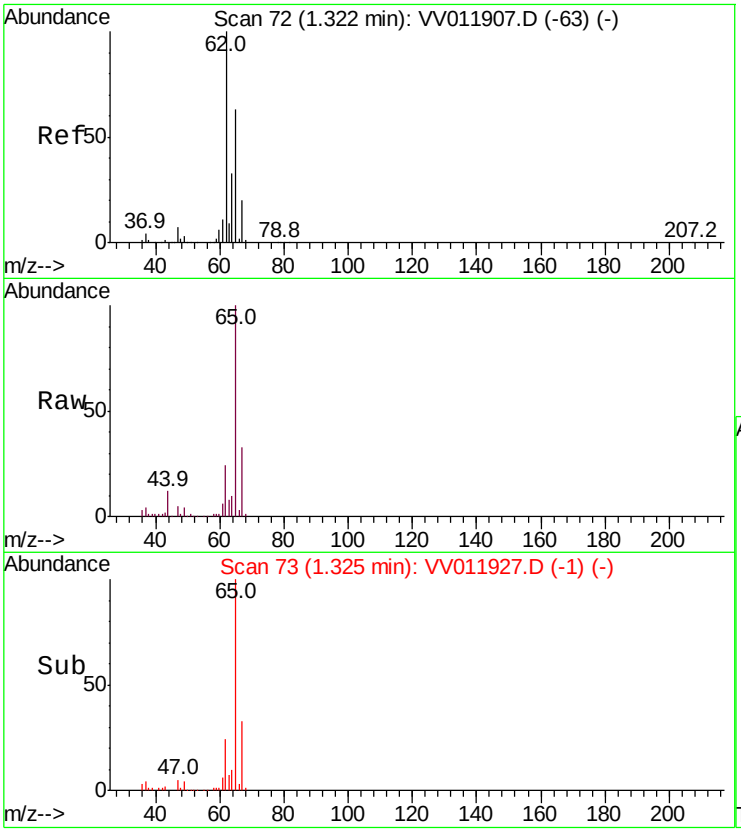
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Data File : VV011927.D
Acq On : 17 Jul 2019 21:53
Operator : SY/MD
Sample : K3823-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52W1

Quant Time: Jul 18 04:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration



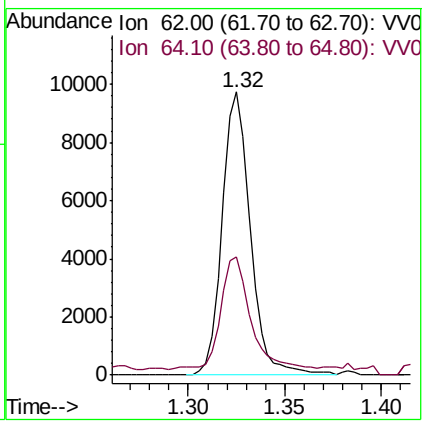


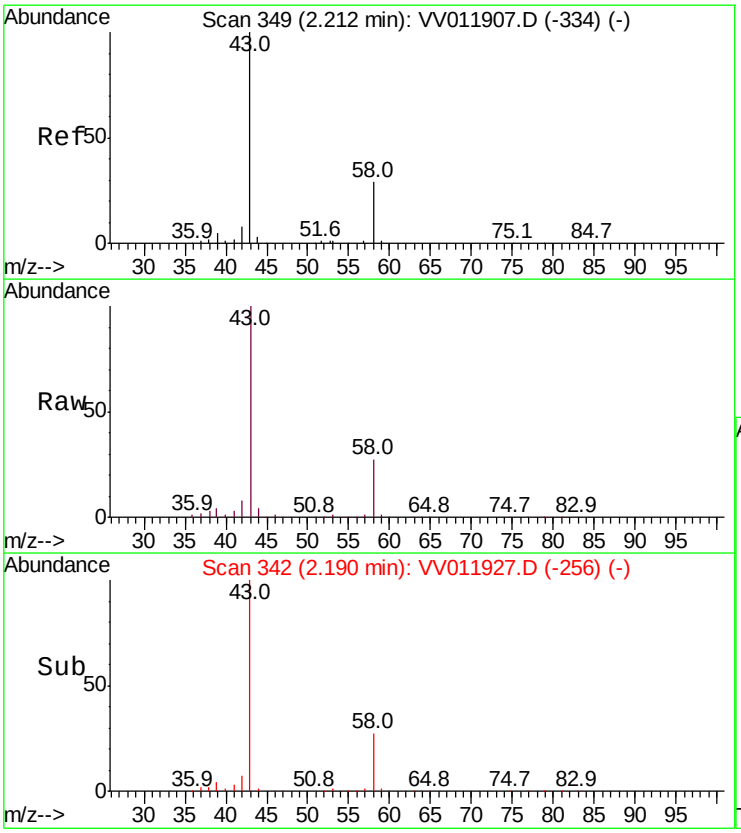
#5
Vinyl chloride
Concen: 0.632 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
A52W1

Tgt Ion: 62 Resp: 9829

Ion	Ratio	Lower	Upper
62	100		
64	41.6	22.9	42.5

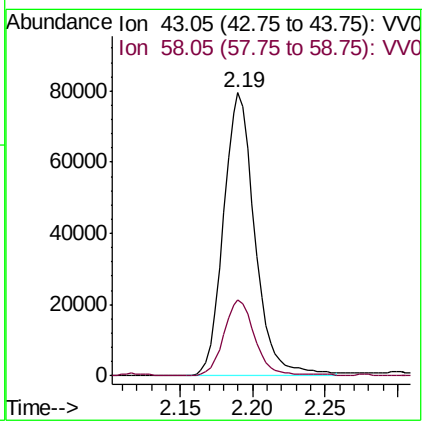


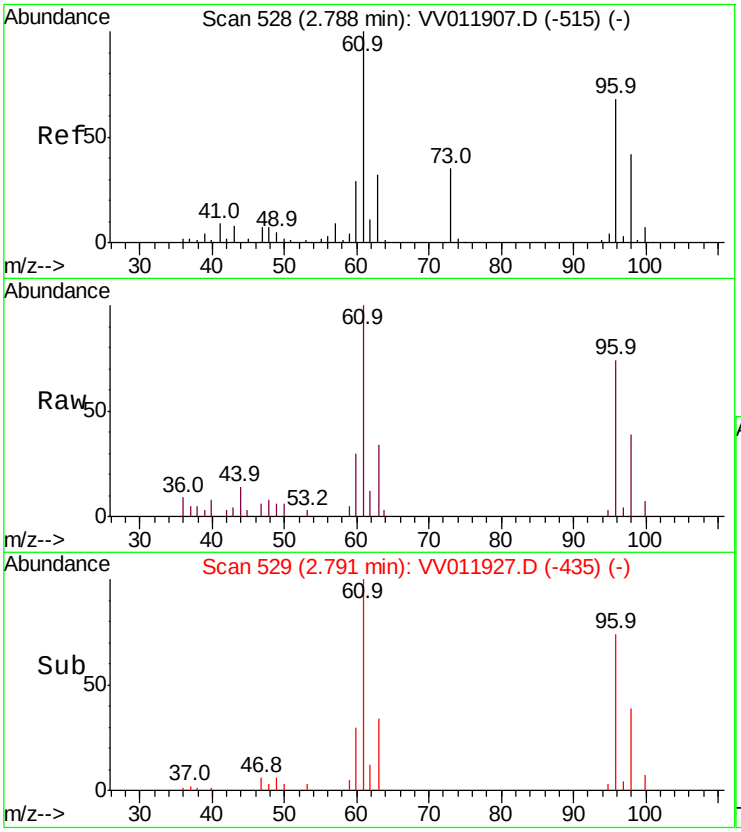


#13
Acetone
Concen: 77.688 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Tgt Ion: 43 Resp: 119137

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	55.6



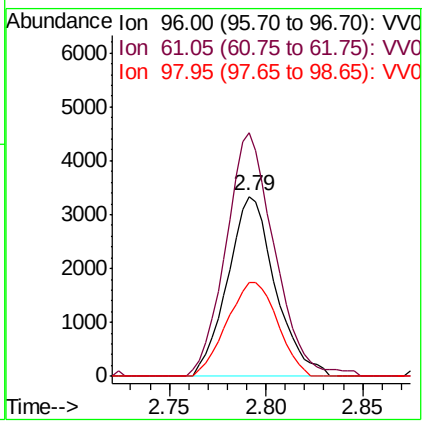


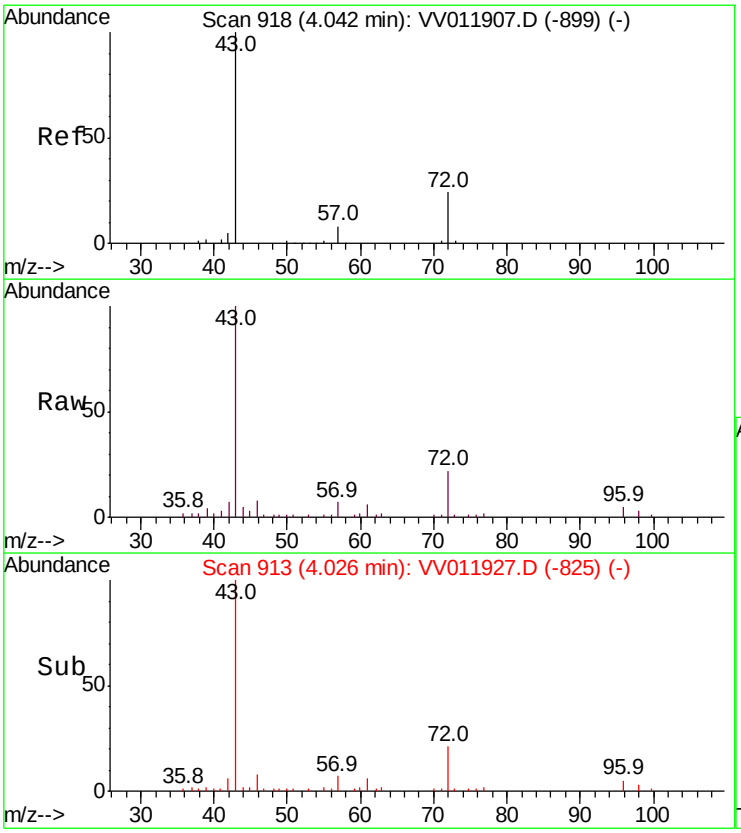
#18
trans-1,2-Dichloroethene
Concen: 0.467 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Instrument : MSVOA_V
ClientSampleId : A52W1

Tgt Ion: 96 Resp: 5704

Ion	Ratio	Lower	Upper
96	100		
61	135.4	102.2	189.8
98	52.4	44.4	82.5

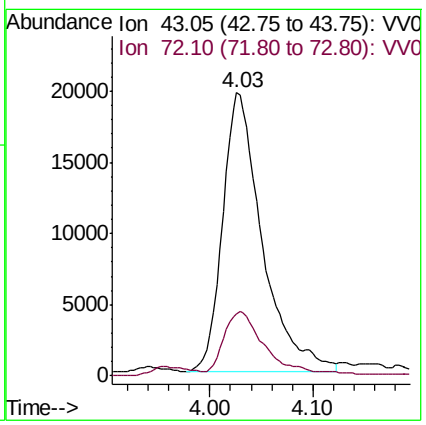


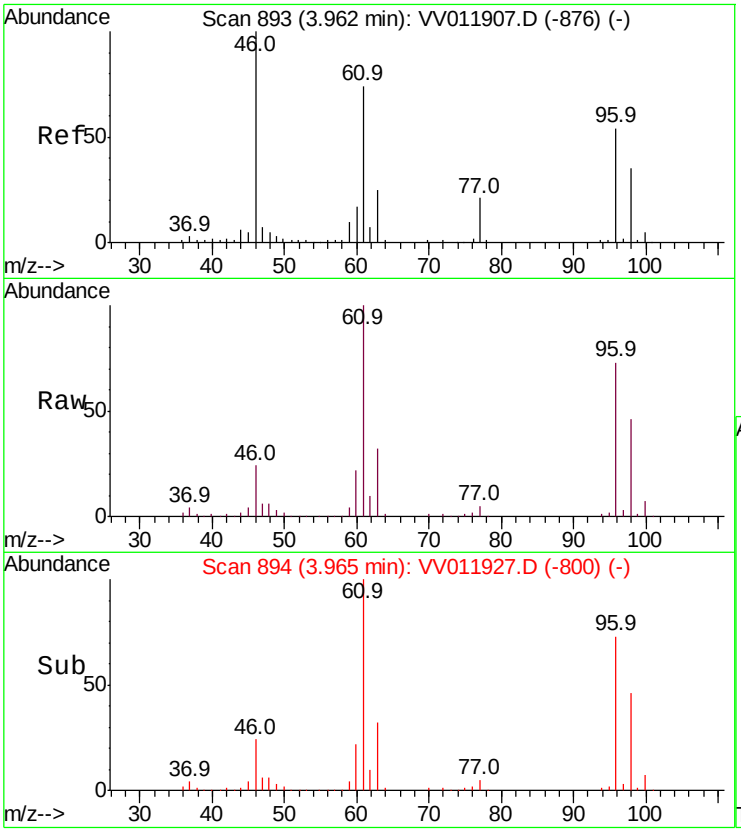


#21
2-Butanone
Concen: 17.529 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.02 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Tgt Ion: 43 Resp: 52707

Ion	Ratio	Lower	Upper
43	100		
72	23.0	11.2	33.6



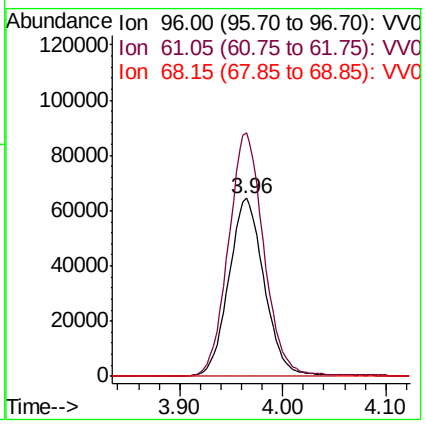


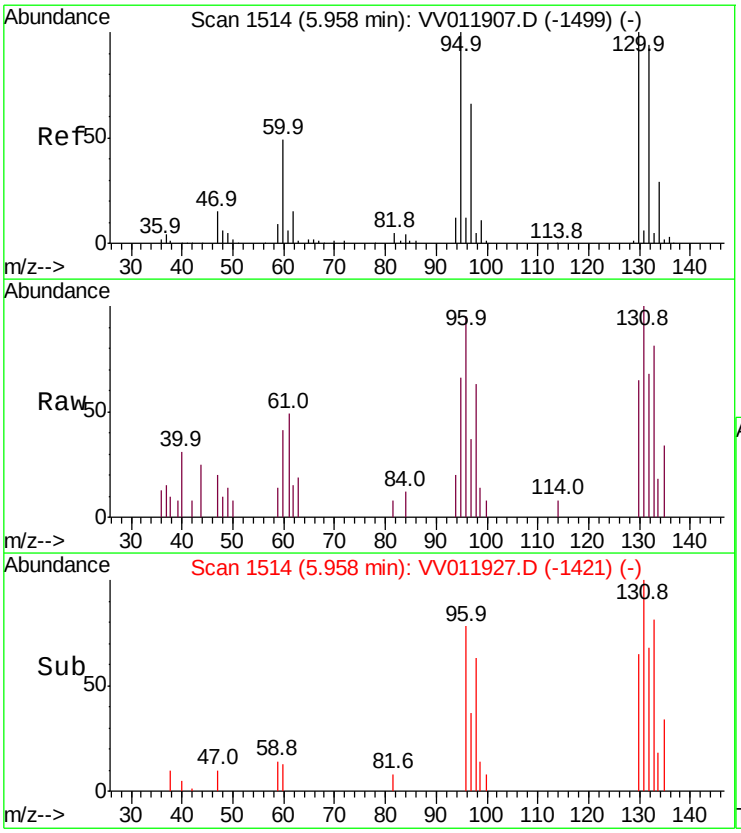
#22
cis-1,2-Dichloroethene
Concen: 12.282 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Instrument :
MSVOA_V
ClientSampleId :
A52W1

Tgt Ion: 96 Resp: 154347

Ion	Ratio	Lower	Upper
96	100		
61	136.6	95.2	176.8
68	0.0	0.0	0.0

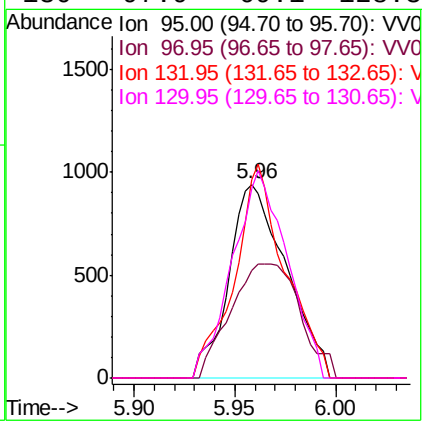


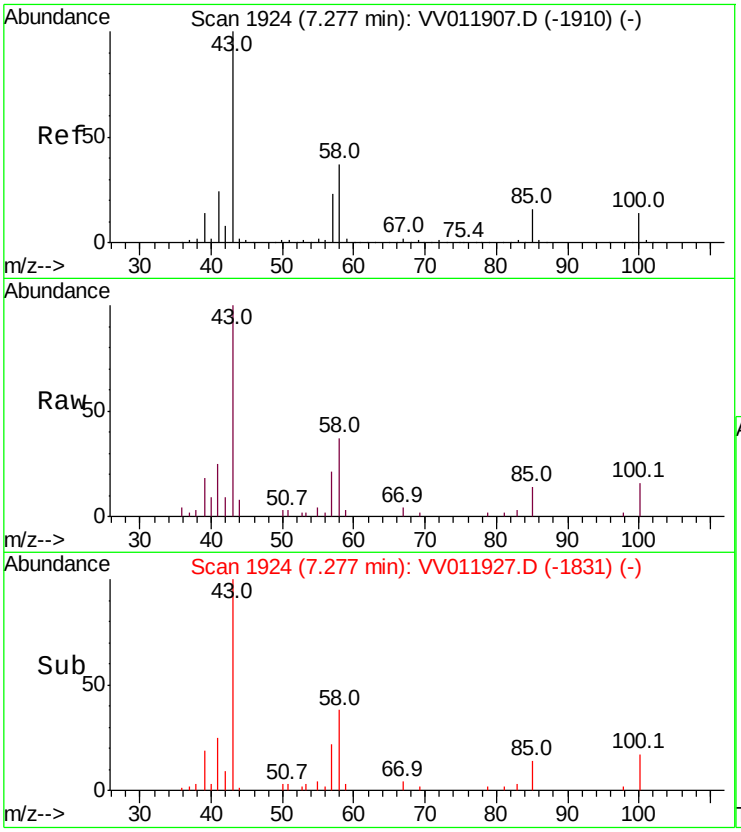


#34
Trichloroethene
Concen: 0.135 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Tgt Ion: 95 Resp: 1871

Ion	Ratio	Lower	Upper
95	100		
97	55.3	44.0	81.6
132	102.4	67.0	124.4
130	97.9	69.1	128.3





#40
4-Methyl-2-pentanone
Concen: 1.681 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VV011927.D
Acq: 17 Jul 2019 21:53

Tgt Ion: 43 Resp: 12300

Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.4	44.2
100	0.0	11.1	16.7#

Instrument :
MSVOA_V
ClientSampleId :
A52W1