Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Data File : VV011914.D
Acq On : 17 Jul 2019 16:10
Operator : SY/MD
Sample : K3823-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52Q9

Quant Time: Jul 18 03:43:01 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	152479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145943	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65291	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58072	5.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.80%			
7) Chloroethane-d5	1.58	69	51749	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.60%			
11) 1,1-Dichloroethene-d2	2.13	63	70842	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	3.94	46	145502	51.44	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.88%			
24) Chloroform-d	4.40	84	113316	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.08	65	61853	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.40%			
32) Benzene-d6	5.10	84	231572	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.00%			
36) 1,2-Dichloropropane-d6	6.12	67	70943	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.36	98	194057	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
43) trans-1,3-Dichloropropene-	7.66	79	22648	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.13	63	91623	47.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.56%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38663	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	71779	5.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
3) Chloromethane	1.26	50	12205	0.806	ug/L	93
5) Vinyl chloride	1.33	62	17562	1.206	ug/L	99
13) Acetone	2.19	43	6314	4.399	ug/L	93
19) 1,1-Dichloroethane	3.23	63	5937	0.276	ug/L #	94
22) cis-1,2-Dichloroethene	3.96	96	720639	61.263	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	4888	0.273	ug/L #	81

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

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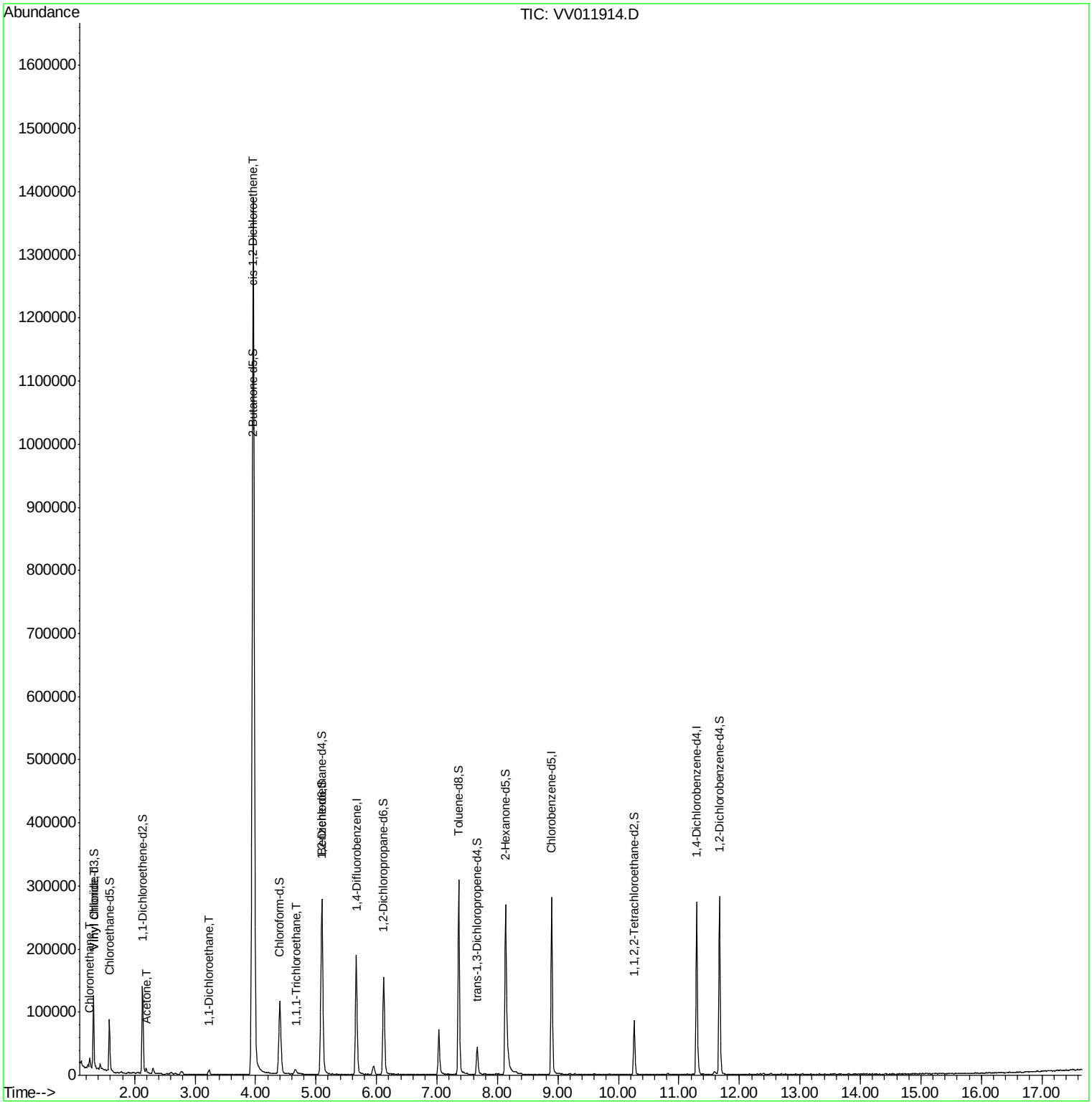
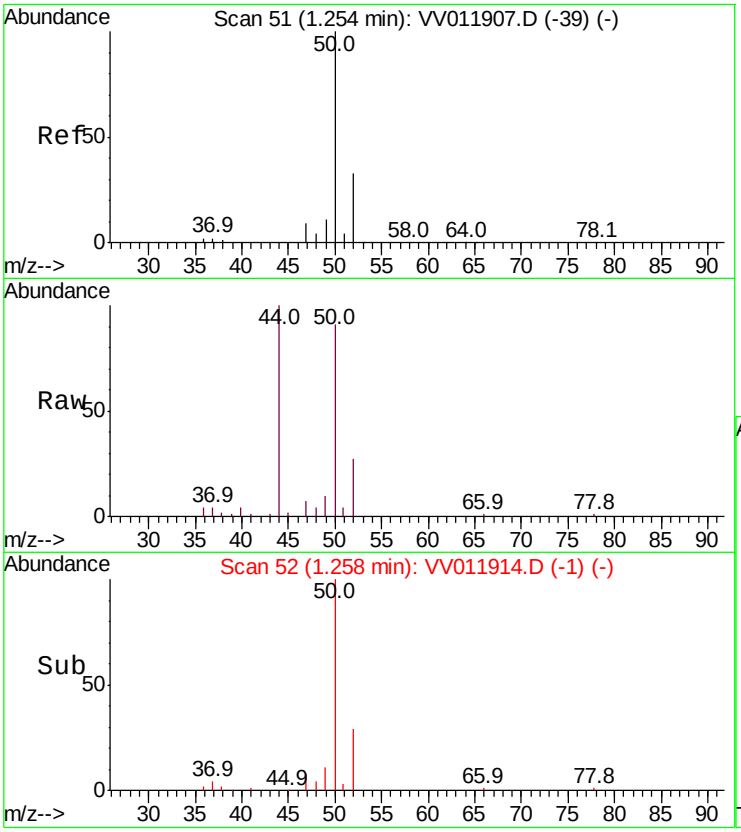


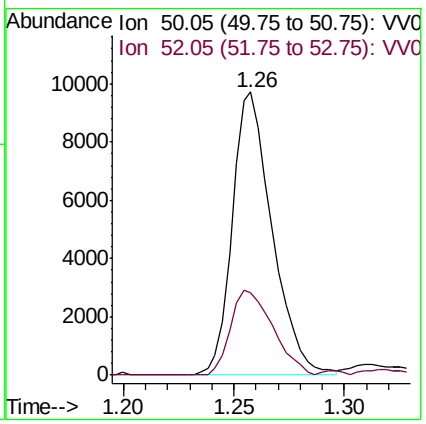


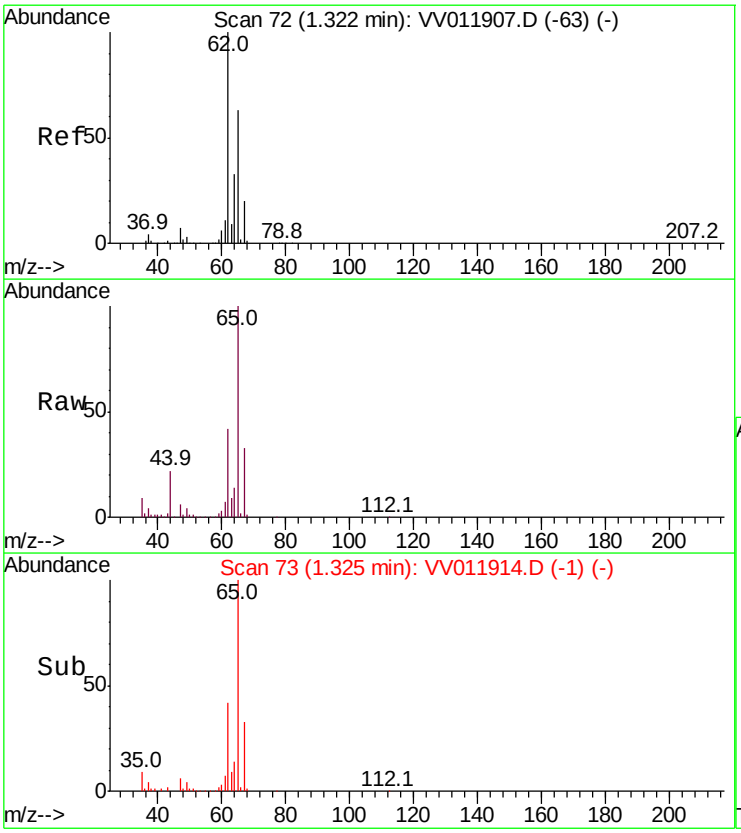
#3
Chloromethane
Concen: 0.806 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
A52Q9

Tgt Ion: 50 Resp: 12205

Ion	Ratio	Lower	Upper
50	100		
52	29.3	23.1	42.9

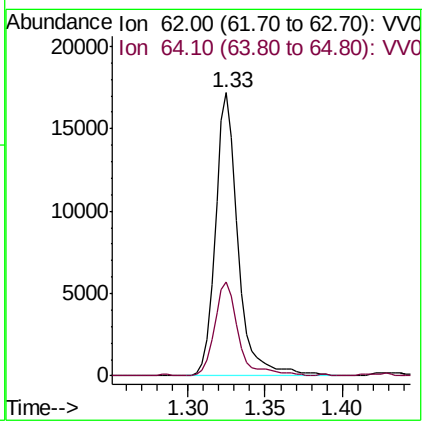


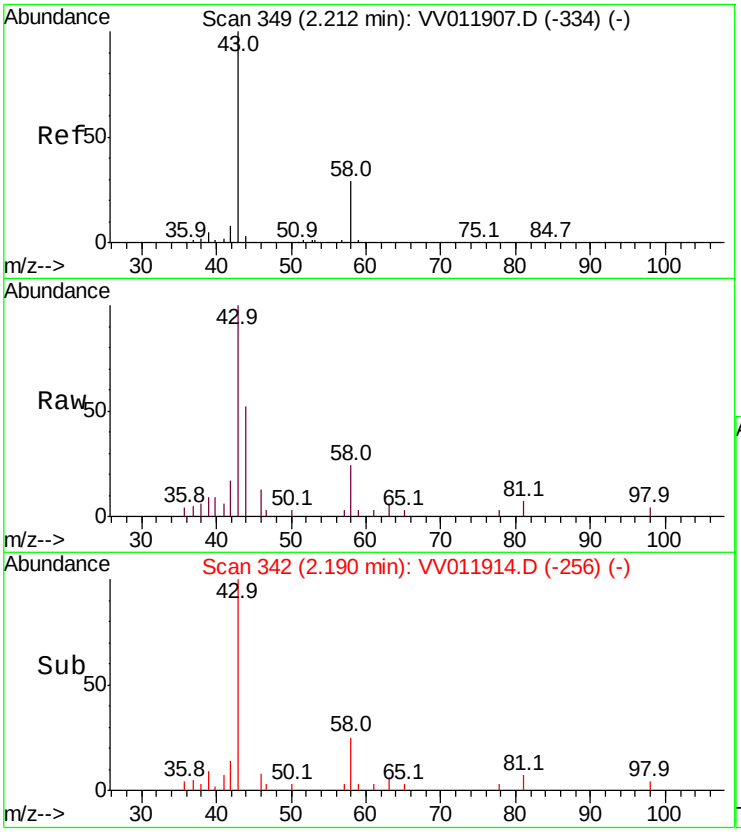


#5
Vinyl chloride
Concen: 1.206 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Tgt Ion: 62 Resp: 17562

Ion	Ratio	Lower	Upper
62	100		
64	33.1	22.9	42.5



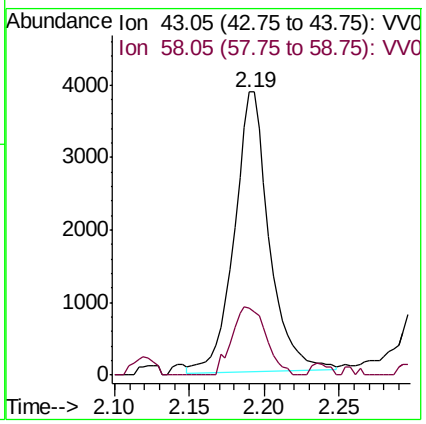


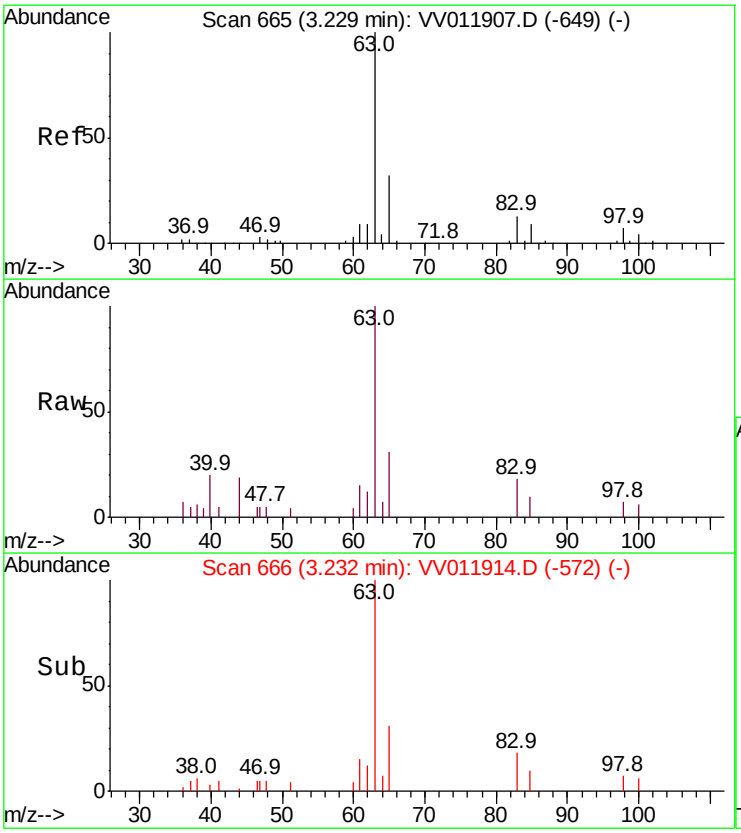
#13
Acetone
Concen: 4.399 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
A52Q9

Tgt Ion: 43 Resp: 6314

Ion	Ratio	Lower	Upper
43	100		
58	23.9	0.0	55.6

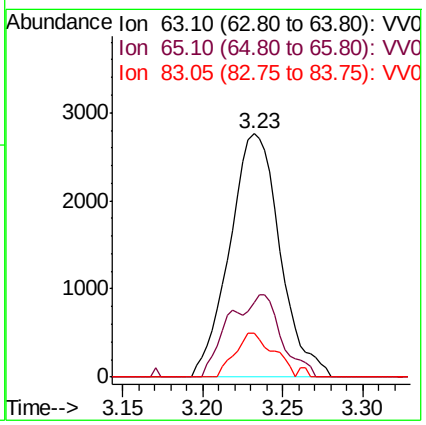


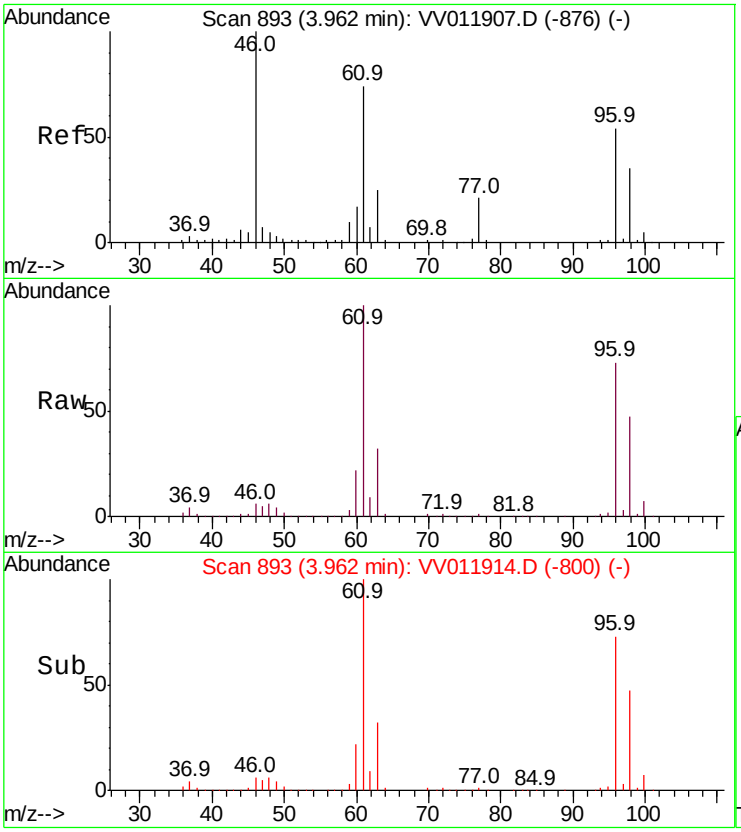


#19
1,1-Dichloroethane
Concen: 0.276 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Tgt Ion: 63 Resp: 5937

Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.7	42.3
83	18.1	9.4	17.6#



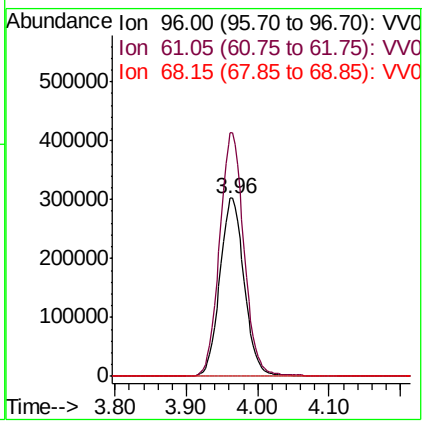


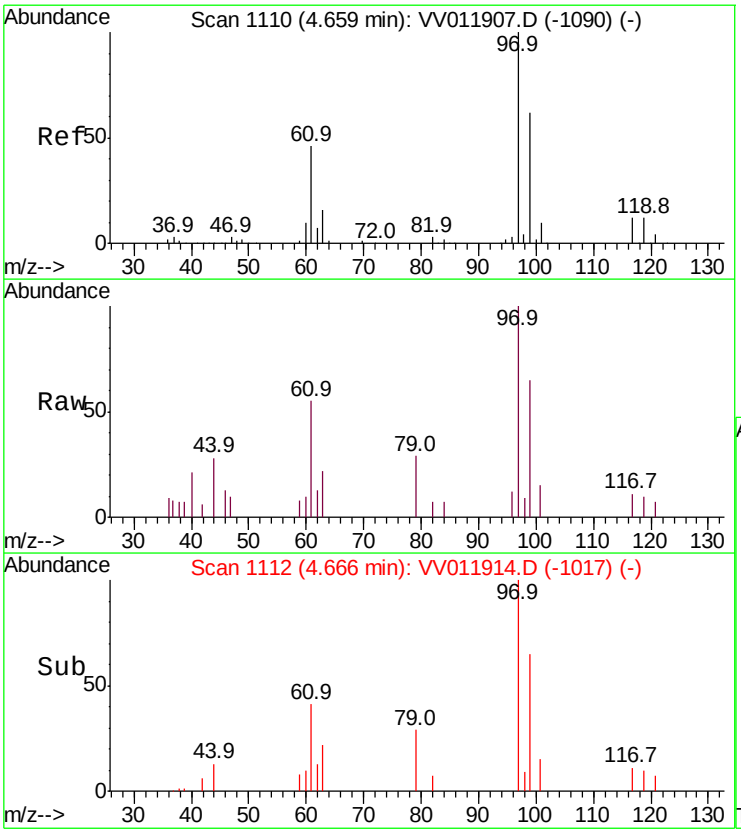
#22
cis-1,2-Dichloroethene
Concen: 61.263 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
A52Q9

Tgt Ion: 96 Resp: 720639

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





#29
1,1,1-Trichloroethane
Concen: 0.273 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VV011914.D
Acq: 17 Jul 2019 16:10

Tgt Ion: 97 Resp: 4888

Ion	Ratio	Lower	Upper
97	100		
99	68.3	51.1	76.7
61	22.9	38.6	57.8#