Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Data File : VV011921.D
Acq On : 17 Jul 2019 19:26
Operator : SY/MD
Sample : K3823-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52L8

Quant Time: Jul 18 04:18:18 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	155624	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67208	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57288	5.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.20%			
7) Chloroethane-d5	1.58	69	46965	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.13	63	87233	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	3.95	46	163358	56.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.18%			
24) Chloroform-d	4.40	84	109553	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.08	65	60560	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.10	84	222421	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.12	67	69236	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.36	98	188763	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	7.67	79	22784	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.14	63	94647	46.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40001	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	71067	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	194829	13.113	ug/L	99
12) 1,1-Dichloroethene	2.14	96	32321	3.896	ug/L	93
13) Acetone	2.19	43	5368	3.664	ug/L	89
18) trans-1,2-Dichloroethene	2.79	96	5360	0.460	ug/L	92
19) 1,1-Dichloroethane	3.23	63	68104	3.097	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	8109806	675.498	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	73002	3.887	ug/L	99
34) Trichloroethene	5.97	95	3932	0.296	ug/L	96

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

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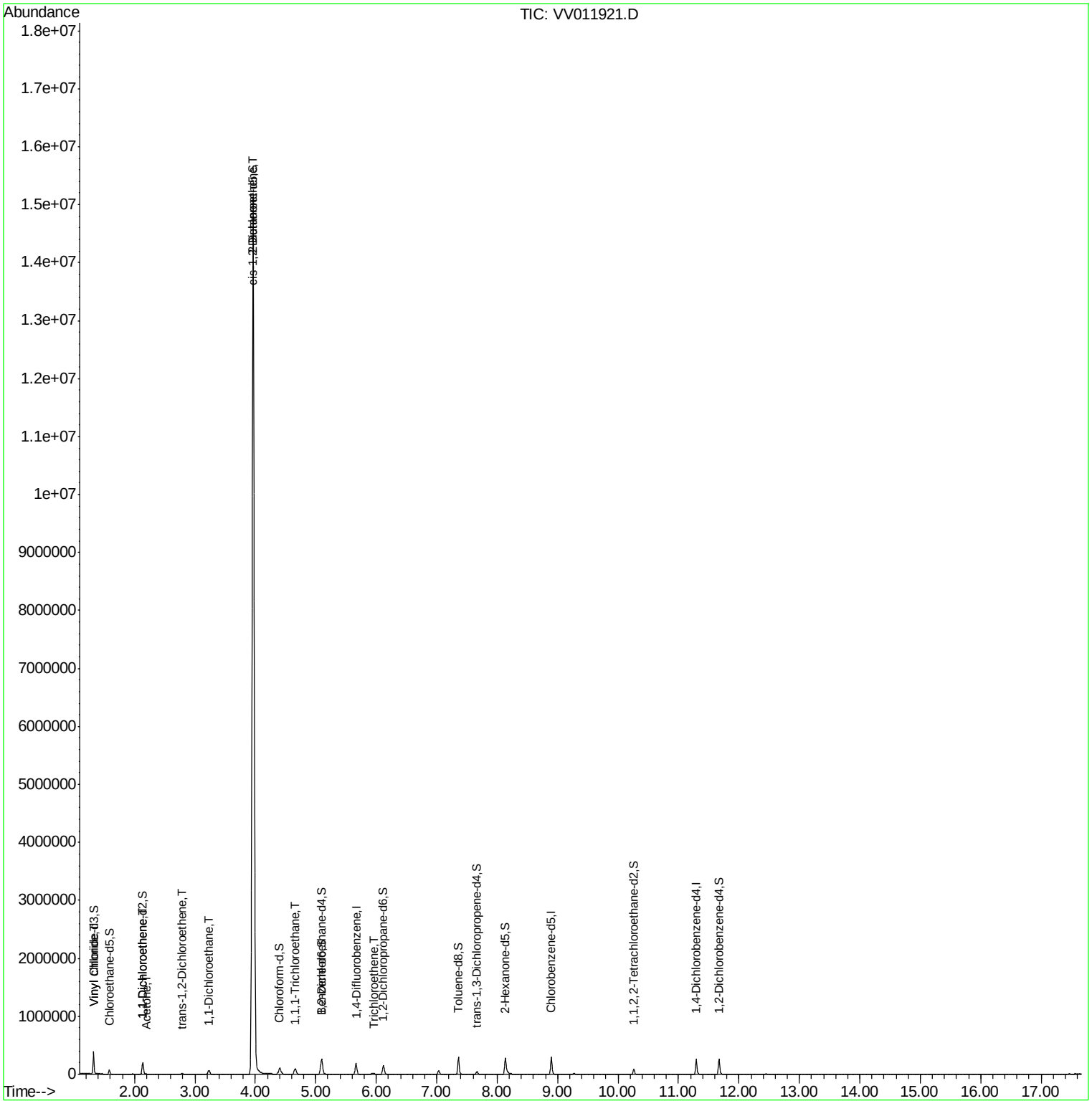
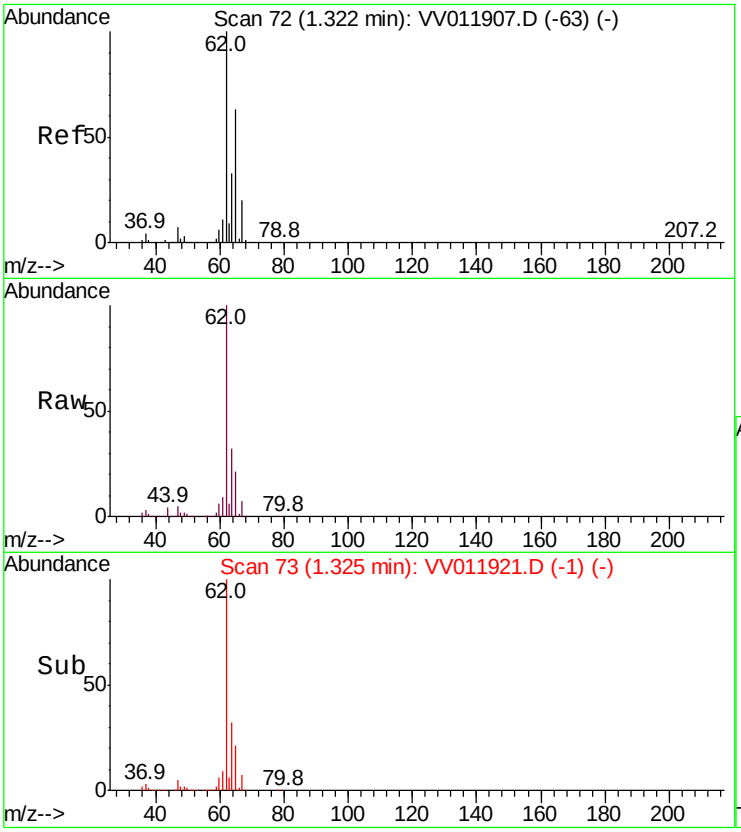
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration



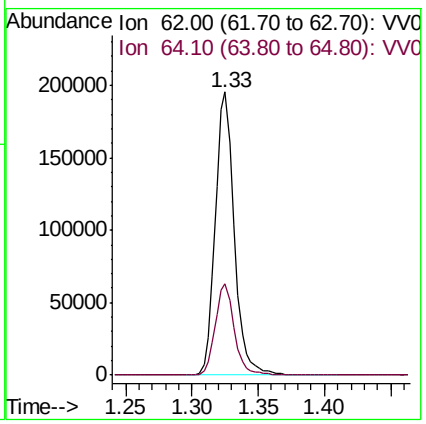


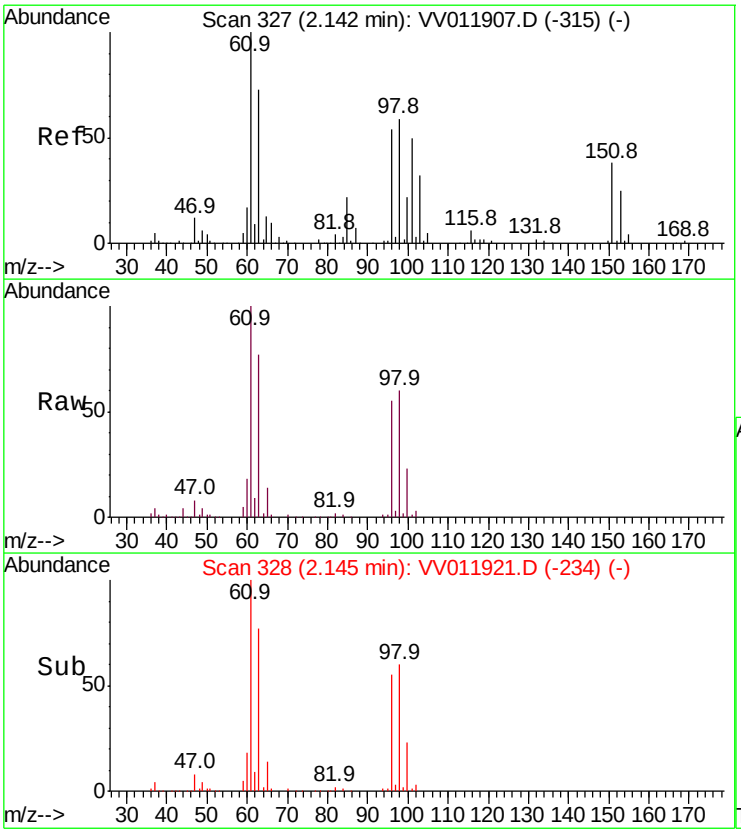
#5
Vinyl chloride
Concen: 13.113 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Instrument : MSVOA_V
ClientSampleId : A52L8

Tgt Ion: 62 Resp: 194829

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.9	42.5

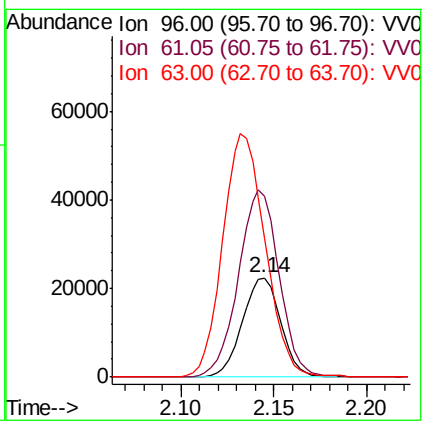


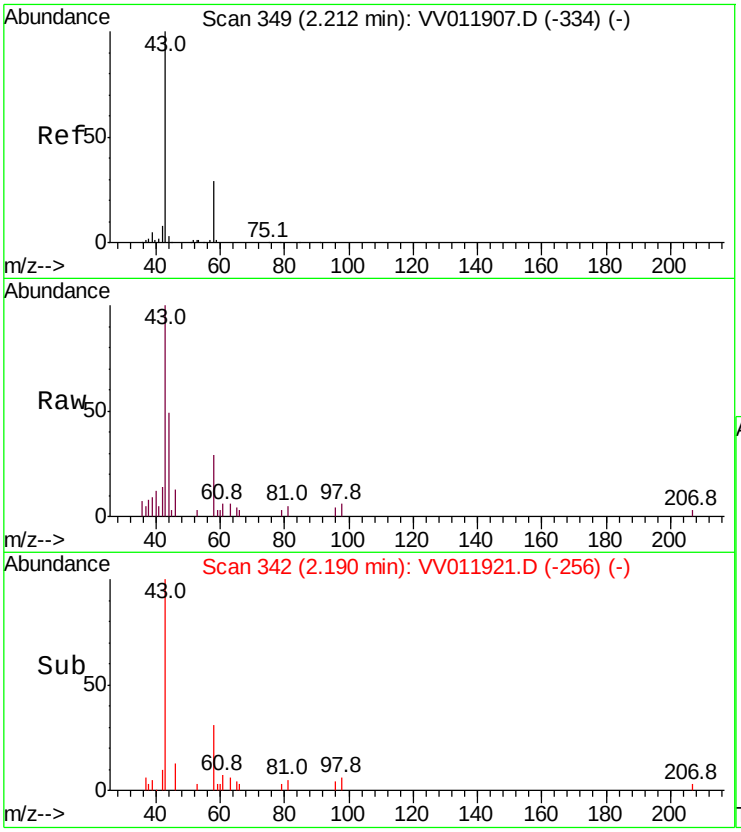


#12
1,1-Dichloroethene
Concen: 3.896 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Tgt Ion: 96 Resp: 32321

Ion	Ratio	Lower	Upper
96	100		
61	181.8	128.9	239.3
63	139.3	85.5	158.9



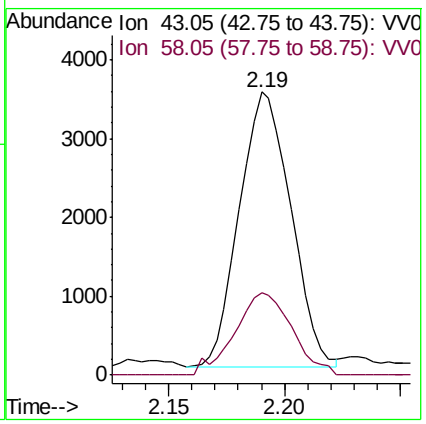


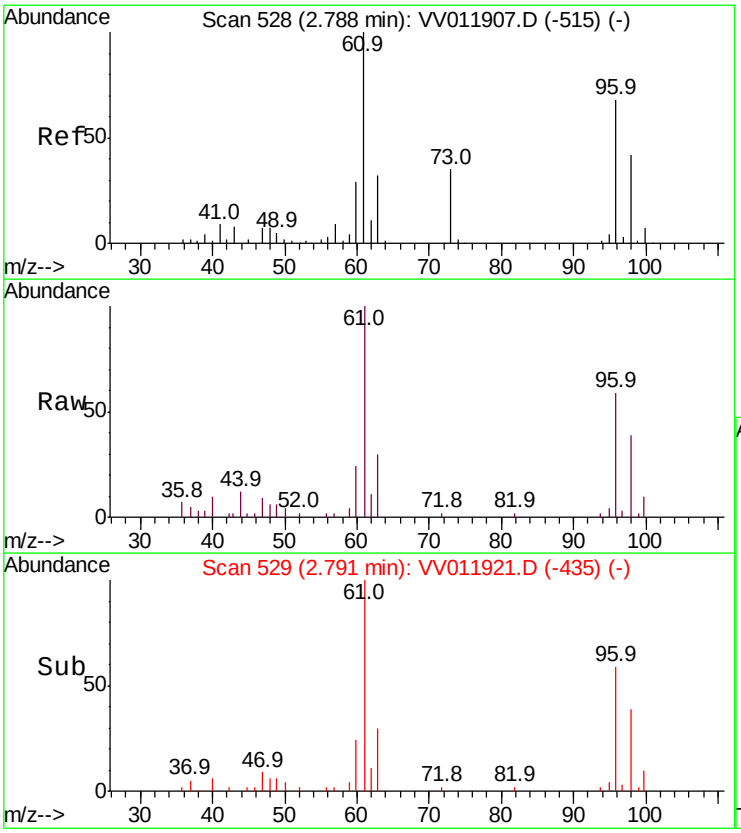
#13
Acetone
Concen: 3.664 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Instrument : MSVOA_V
ClientSampleId : A52L8

Tgt Ion: 43 Resp: 5368

Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	55.6

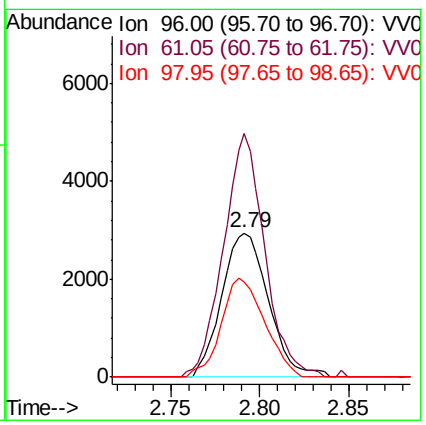


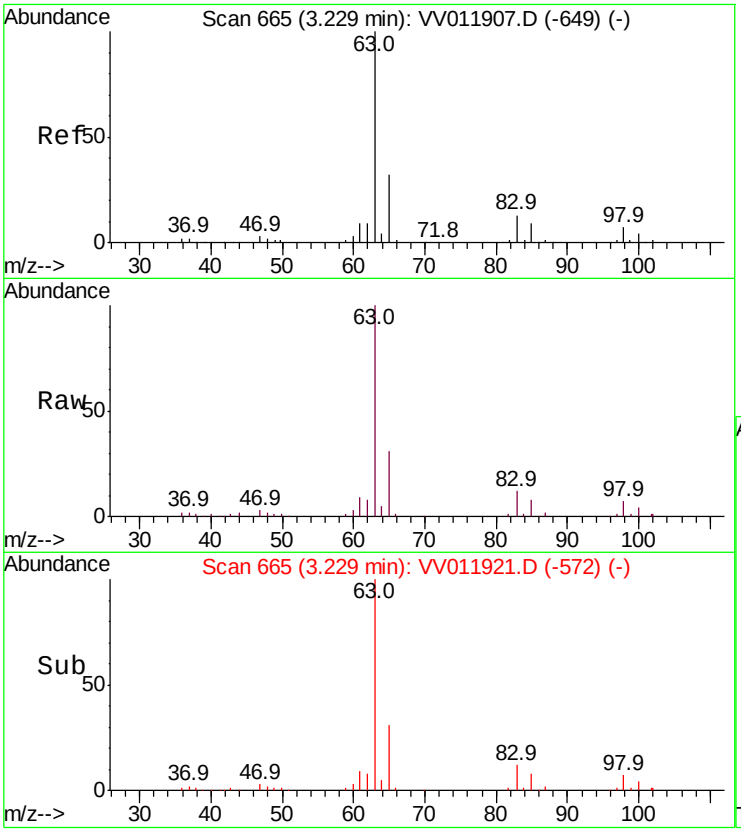


#18
trans-1,2-Dichloroethene
Concen: 0.460 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Tgt Ion: 96 Resp: 5360

Ion	Ratio	Lower	Upper
96	100		
61	160.2	102.2	189.8
98	62.8	44.4	82.5



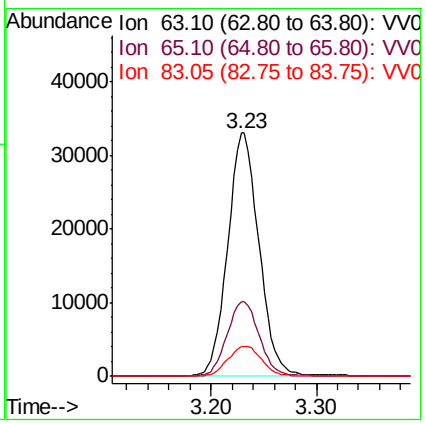


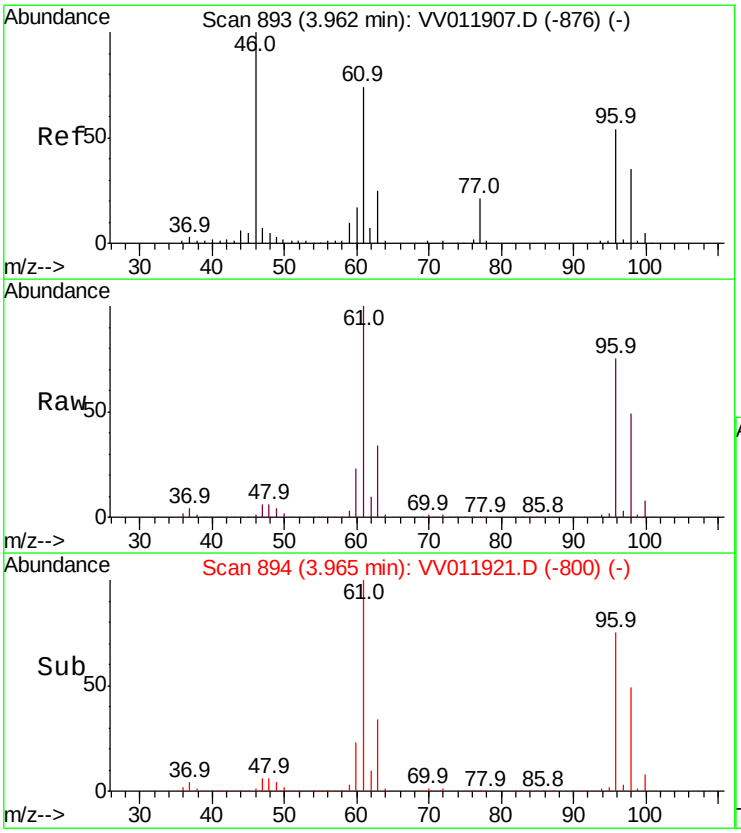
#19
1,1-Dichloroethane
Concen: 3.097 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Instrument : MSVOA_V
ClientSampleId : A52L8

Tgt Ion: 63 Resp: 68104

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.7	42.3
83	12.1	9.4	17.6

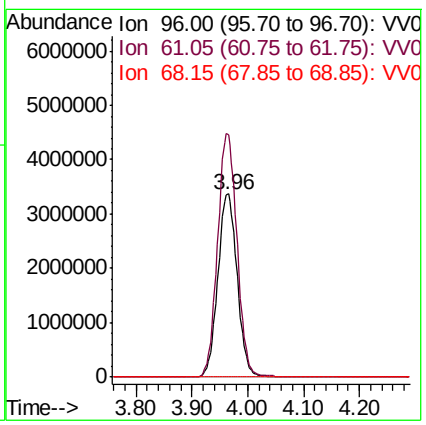


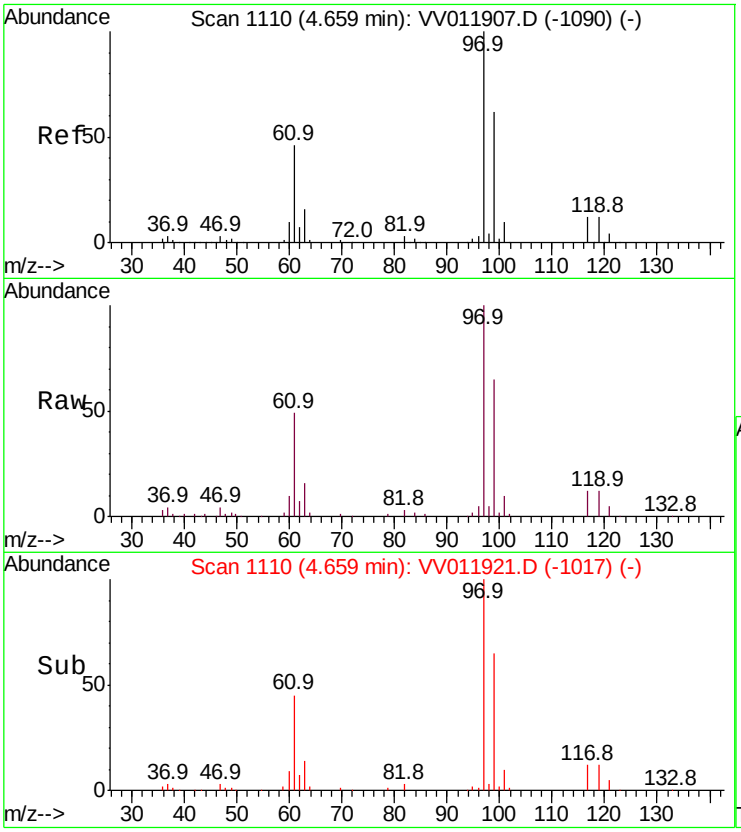


#22
cis-1,2-Dichloroethene
Concen: 675.498 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Tgt Ion: 96 Resp: 8109806

Ion	Ratio	Lower	Upper
96	100		
61	132.5	95.2	176.8
68	0.0	0.0	0.0



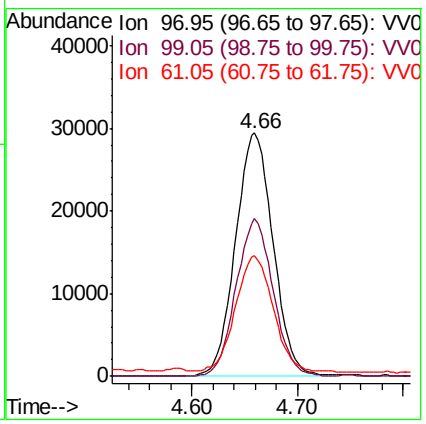


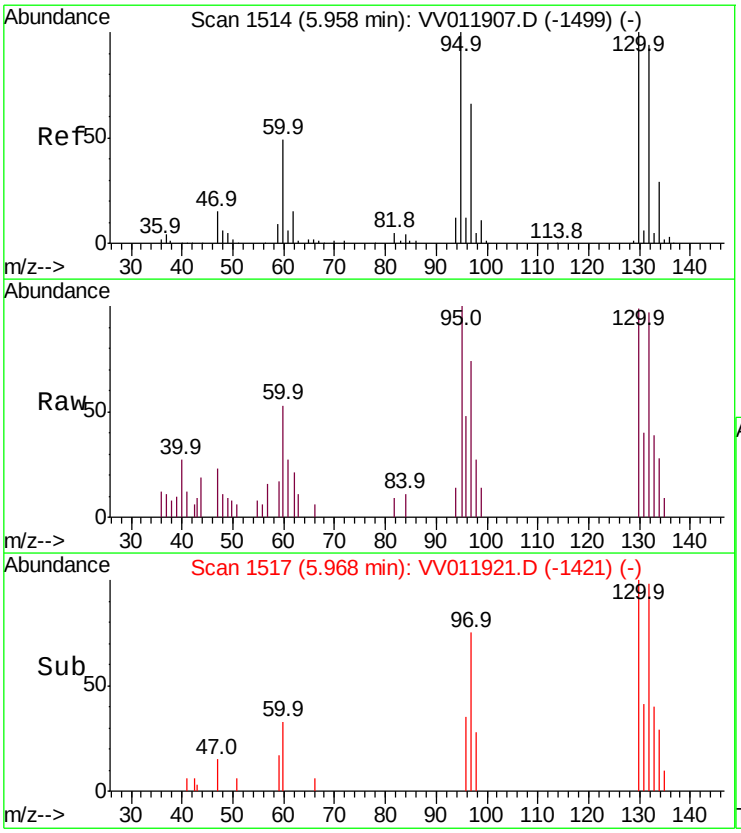
#29
1,1,1-Trichloroethane
Concen: 3.887 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Instrument :
MSVOA_V
ClientSampleId :
A52L8

Tgt Ion: 97 Resp: 73002

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	47.1	38.6	57.8





#34
Trichloroethene
Concen: 0.296 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VV011921.D
Acq: 17 Jul 2019 19:26

Tgt Ion: 95 Resp: 3932

Ion	Ratio	Lower	Upper
95	100		
97	74.0	44.0	81.6
132	96.8	67.0	124.4
130	98.8	69.1	128.3