Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071719\
Data File : VV011919.D
Acq On : 17 Jul 2019 18:37
Operator : SY/MD
Sample : K3823-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52L2

Quant Time: Jul 18 04:03:53 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	164977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70616	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	55779	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.58	69	39249	3.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.20%			
11) 1,1-Dichloroethene-d2	2.13	63	80394	4.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.20%			
20) 2-Butanone-d5	3.95	46	158451	51.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.56%			
24) Chloroform-d	4.40	84	107986	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
26) 1,2-Dichloroethane-d4	5.08	65	59561	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.10	84	217862	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.12	67	67182	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.36	98	181312	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
43) trans-1,3-Dichloropropene-	7.67	79	21930	4.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%			
46) 2-Hexanone-d5	8.13	63	89570	42.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.34%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37661	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	68146	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	147849	9.386	ug/L	99
12) 1,1-Dichloroethene	2.14	96	29568	3.363	ug/L	89
13) Acetone	2.19	43	8413	5.417	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	12359	1.000	ug/L	92
19) 1,1-Dichloroethane	3.23	63	27217	1.168	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	9366042	735.907	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	15428	0.794	ug/L	96
34) Trichloroethene	5.96	95	143962	10.471	ug/L	99

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

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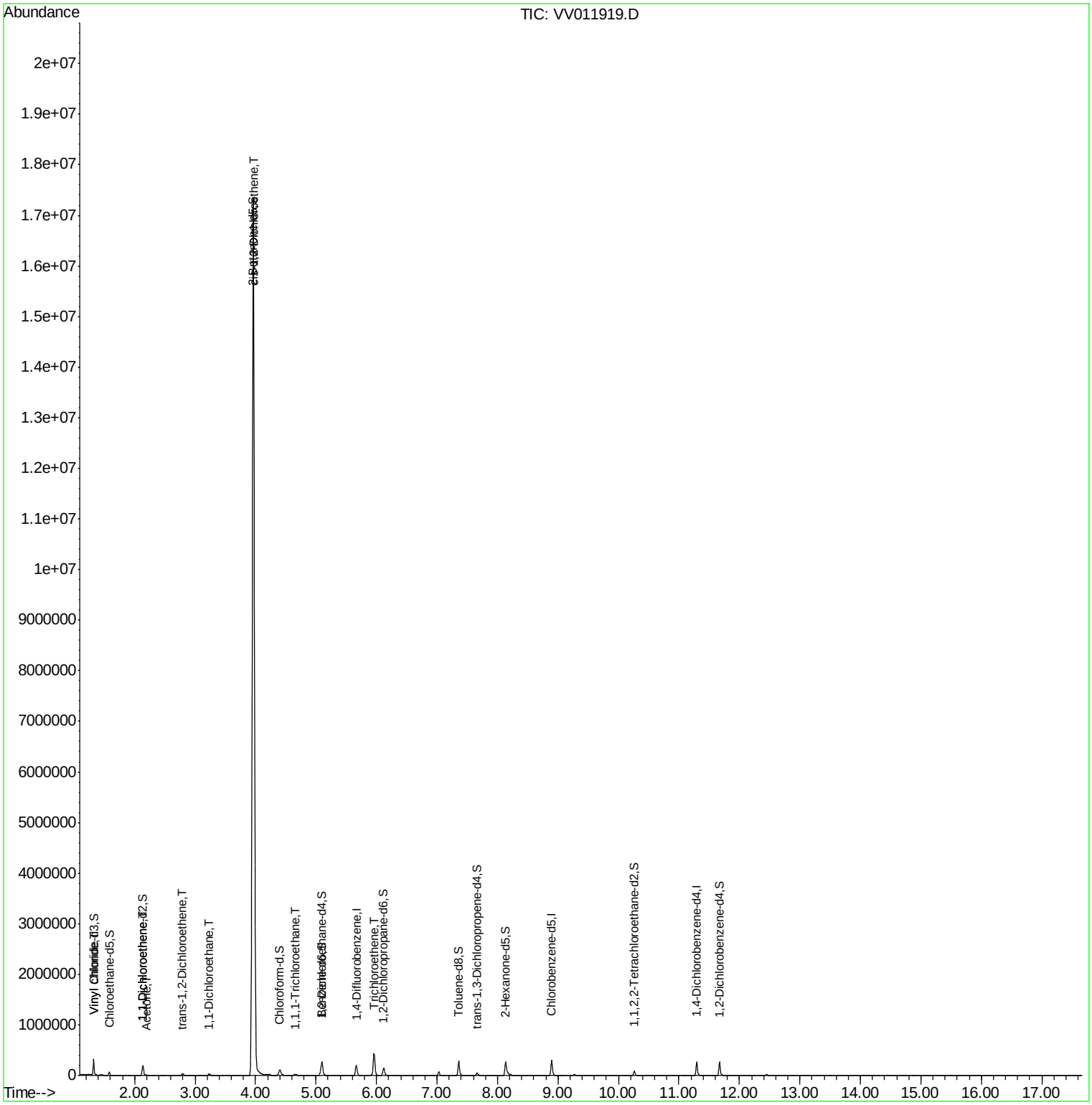
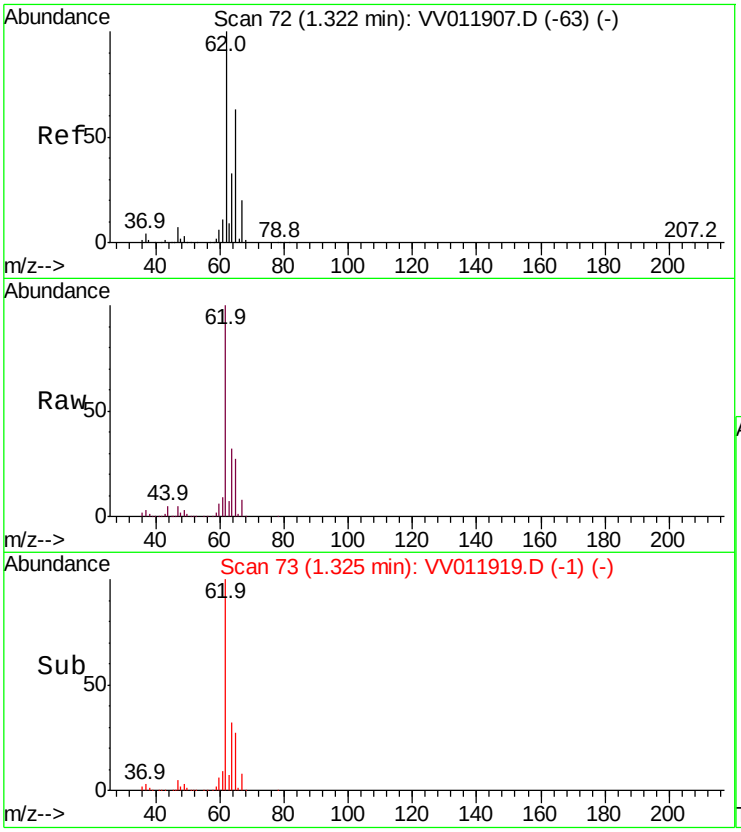


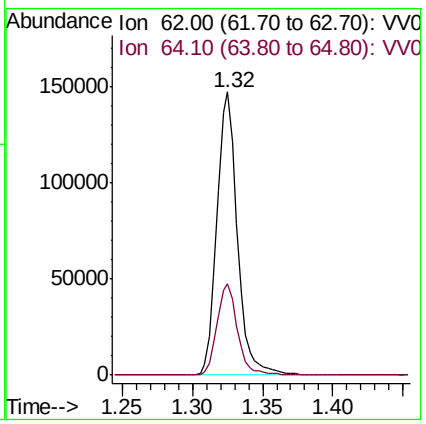


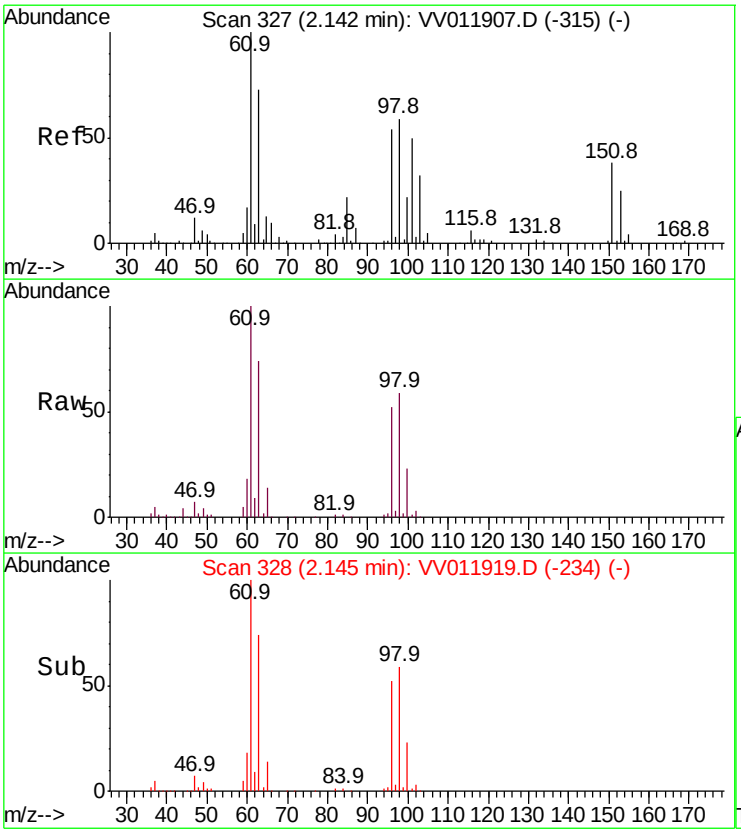
#5
Vinyl chloride
Concen: 9.386 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
A52L2

Tgt Ion: 62 Resp: 147849

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.9	42.5

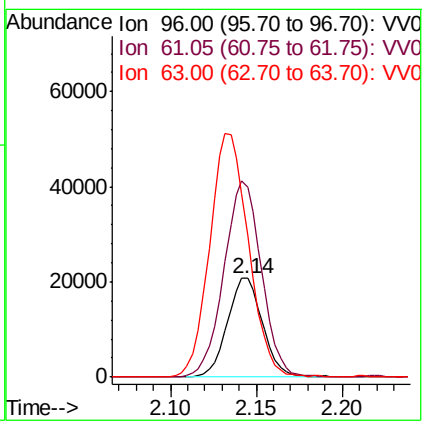


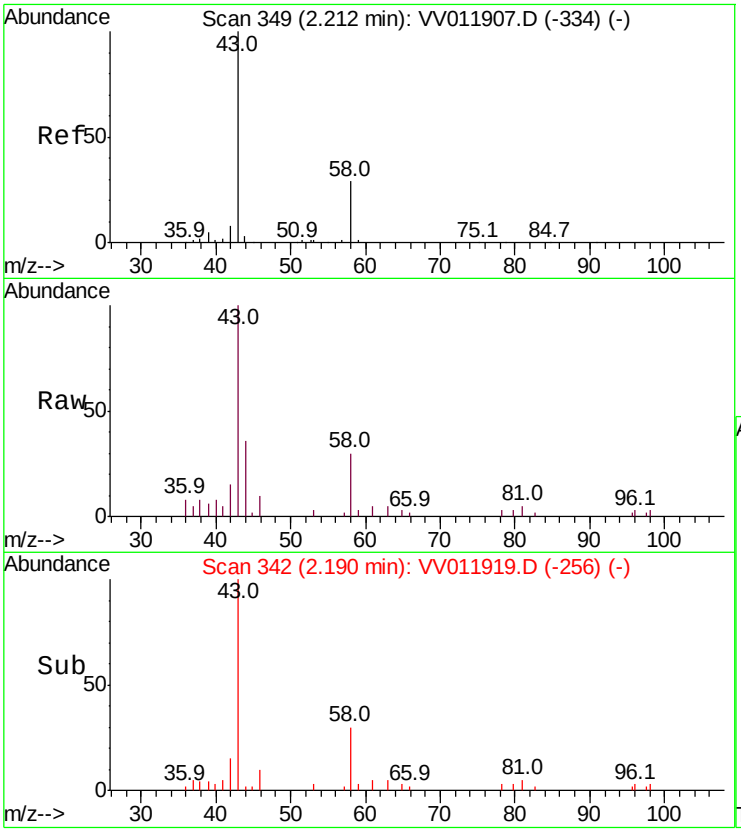


#12
1,1-Dichloroethene
Concen: 3.363 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Tgt Ion: 96 Resp: 29568

Ion	Ratio	Lower	Upper
96	100		
61	193.3	128.9	239.3
63	142.8	85.5	158.9



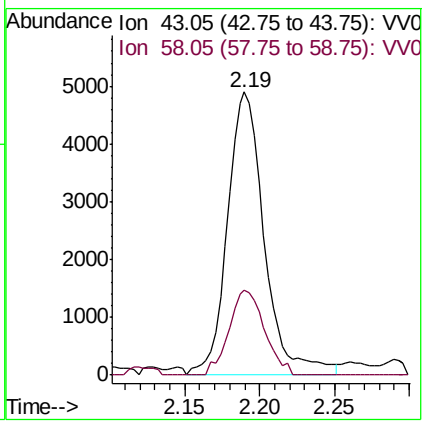


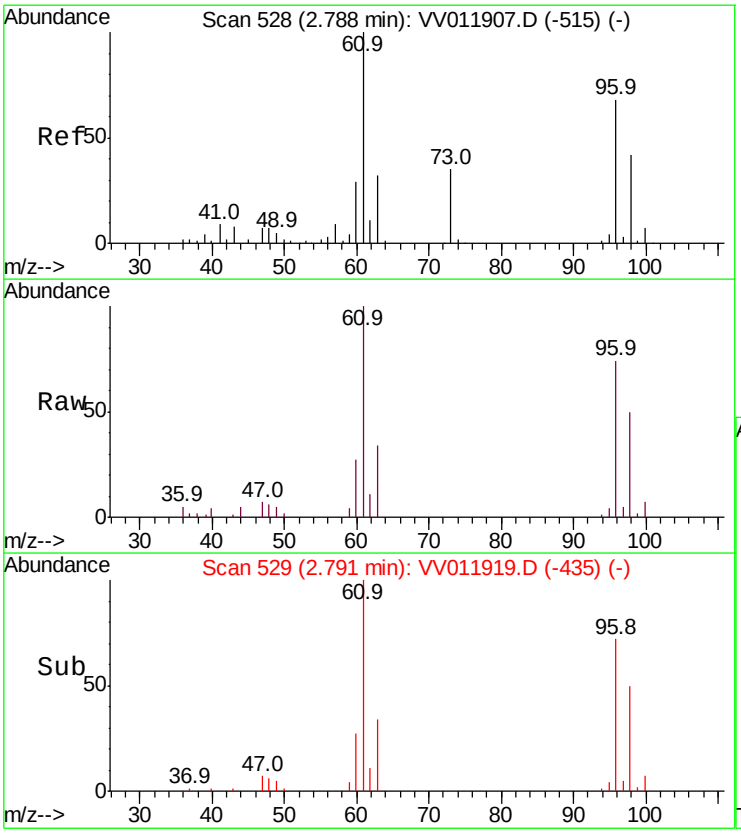
#13
Acetone
Concen: 5.417 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.02 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Instrument : MSVOA_V
ClientSampleId : A52L2

Tgt Ion: 43 Resp: 8413

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	55.6

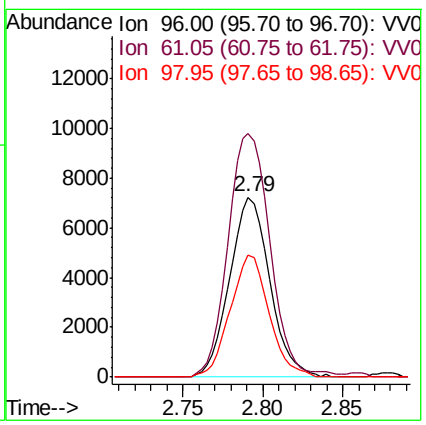


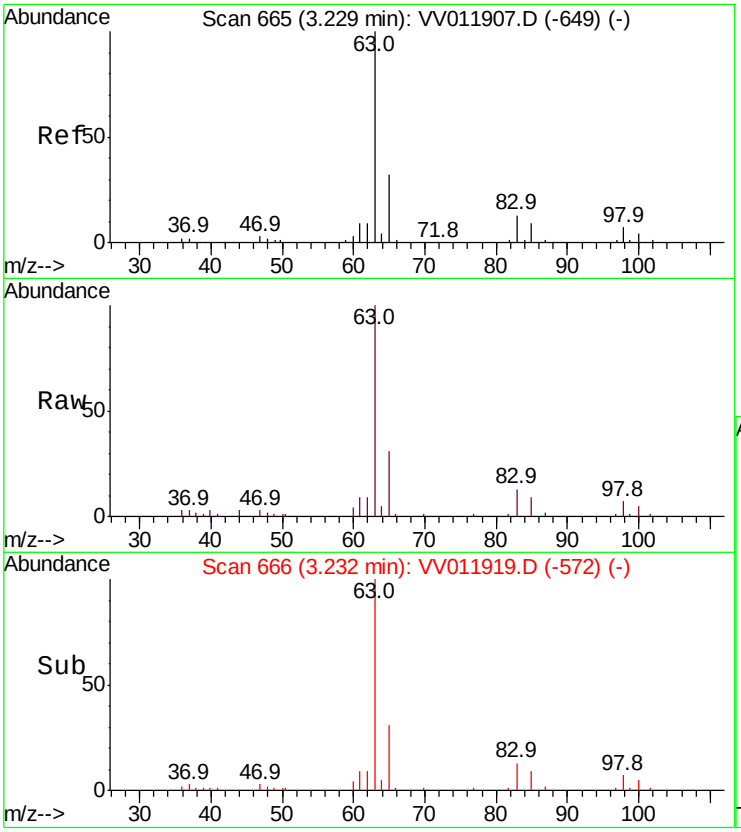


#18
trans-1,2-Dichloroethene
Concen: 1.000 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Tgt Ion: 96 Resp: 12359

Ion	Ratio	Lower	Upper
96	100		
61	135.4	102.2	189.8
98	67.7	44.4	82.5



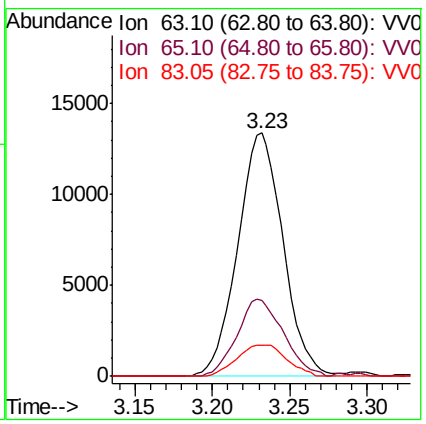


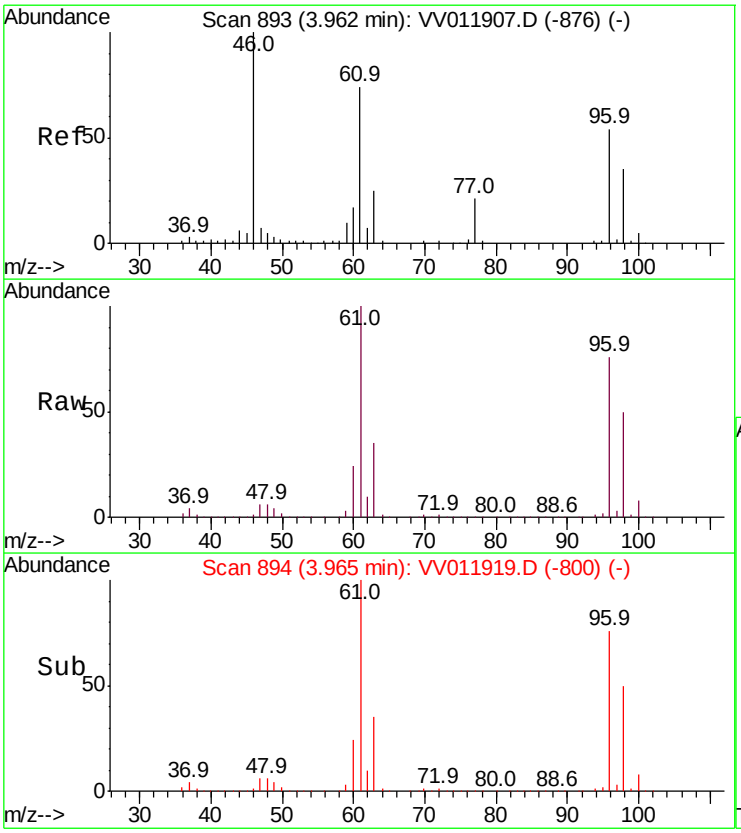
#19
1,1-Dichloroethane
Concen: 1.168 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Instrument : MSVOA_V
ClientSampleId : A52L2

Tgt Ion: 63 Resp: 27217

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.7	42.3
83	13.0	9.4	17.6

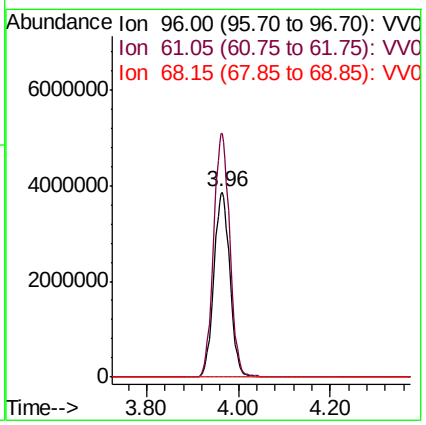


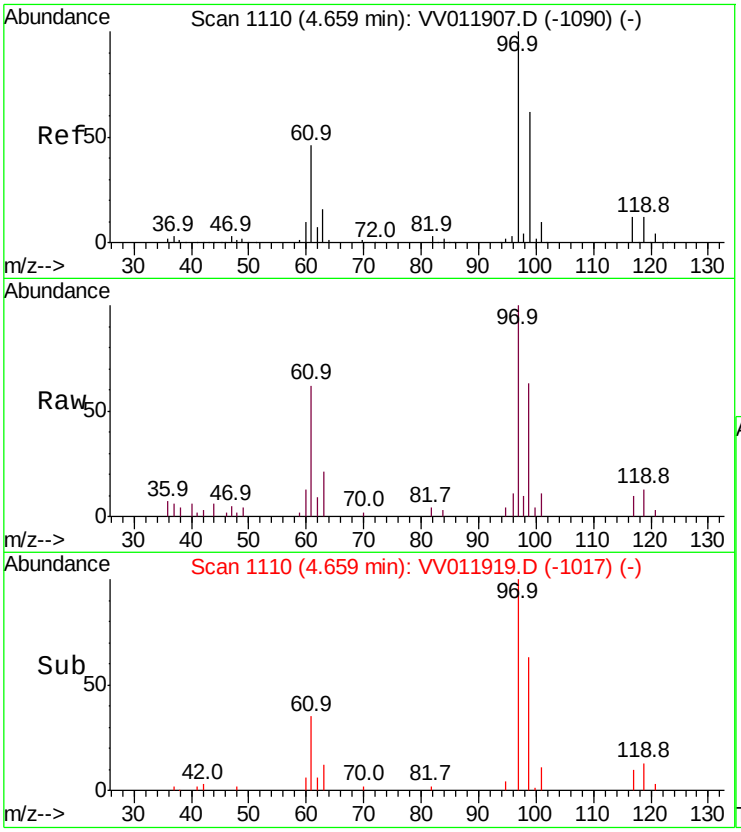


#22
cis-1,2-Dichloroethene
Concen: 735.907 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Tgt Ion: 96 Resp: 9366042

Ion	Ratio	Lower	Upper
96	100		
61	131.5	95.2	176.8
68	0.0	0.0	0.0



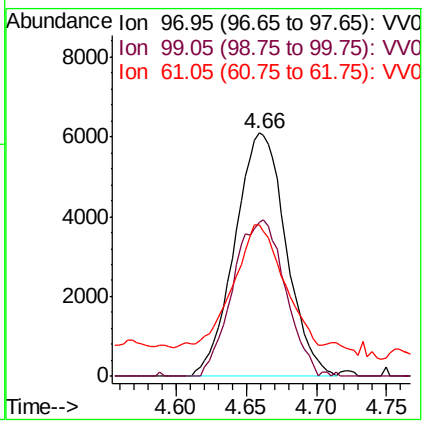


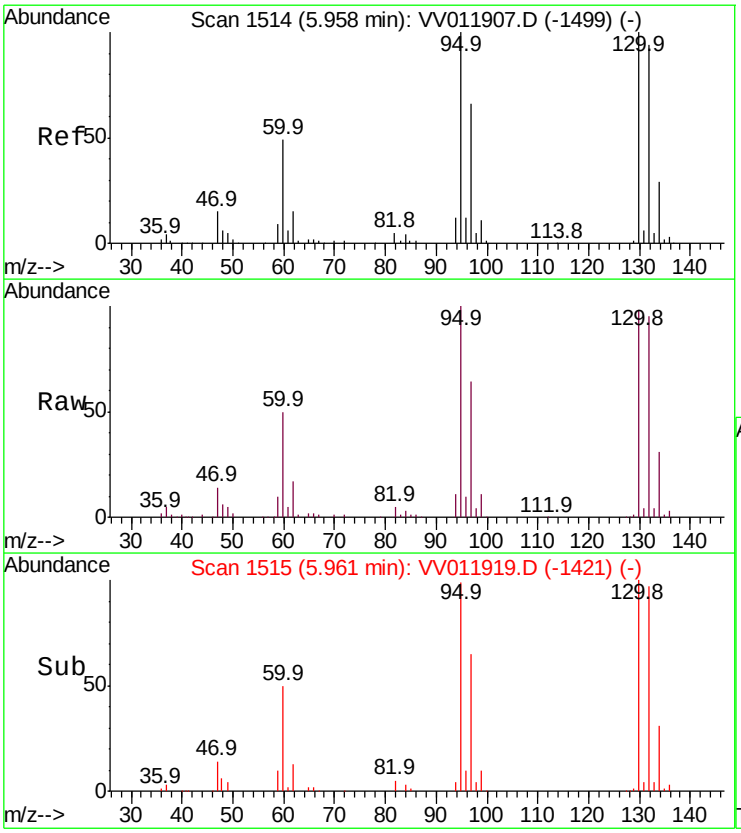
#29
1,1,1-Trichloroethane
Concen: 0.794 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Instrument :
MSVOA_V
ClientSampleId :
A52L2

Tgt Ion: 97 Resp: 15428

Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.1	76.7
61	51.3	38.6	57.8





#34
Trichloroethene
Concen: 10.471 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011919.D
Acq: 17 Jul 2019 18:37

Tgt Ion: 95 Resp: 143962

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.0	81.6
132	95.5	67.0	124.4
130	98.3	69.1	128.3