Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\
Data File : VV011611.D
Acq On : 19 Jun 2019 08:05
Operator : SY/MD
Sample : K3289-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCM1

Quant Time: Jun 19 10:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	166925	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	160466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61858	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44796	3.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.20%			
7) Chloroethane-d5	1.55	69	37418	4.68	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.12	63	83985	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	3.94	46	195352	55.09	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.18%			
24) Chloroform-d	4.40	84	108749	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.08	65	64551	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.09	84	209309	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.11	67	69801	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.36	98	179766	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.66	79	16820	3.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.60%			
46) 2-Hexanone-d5	8.13	63	143874	49.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.60%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55965	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	65050	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	96989	6.088	ug/L	97
12) 1,1-Dichloroethene	2.13	96	24127	2.324	ug/L #	63
18) trans-1,2-Dichloroethene	2.78	96	4213	0.359	ug/L	90
19) 1,1-Dichloroethane	3.22	63	640308	26.368	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	336797	25.326	ug/L	94
29) 1,1,1-Trichloroethane	4.65	97	137330	6.878	ug/L	99
34) Trichloroethene	5.96	95	281534	21.064	ug/L	98
47) Tetrachloroethene	8.02	164	45303	4.753	ug/L	97

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

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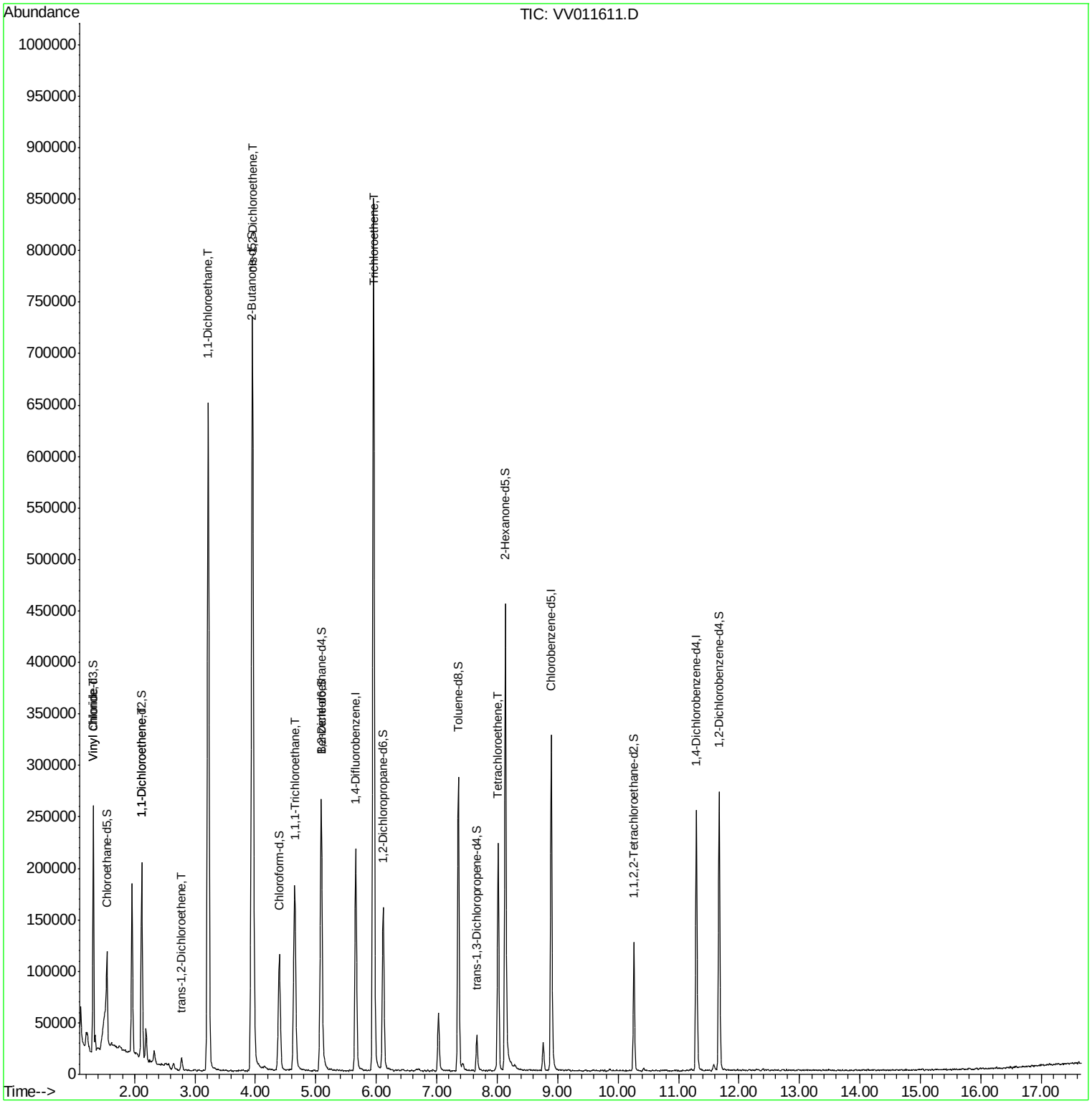
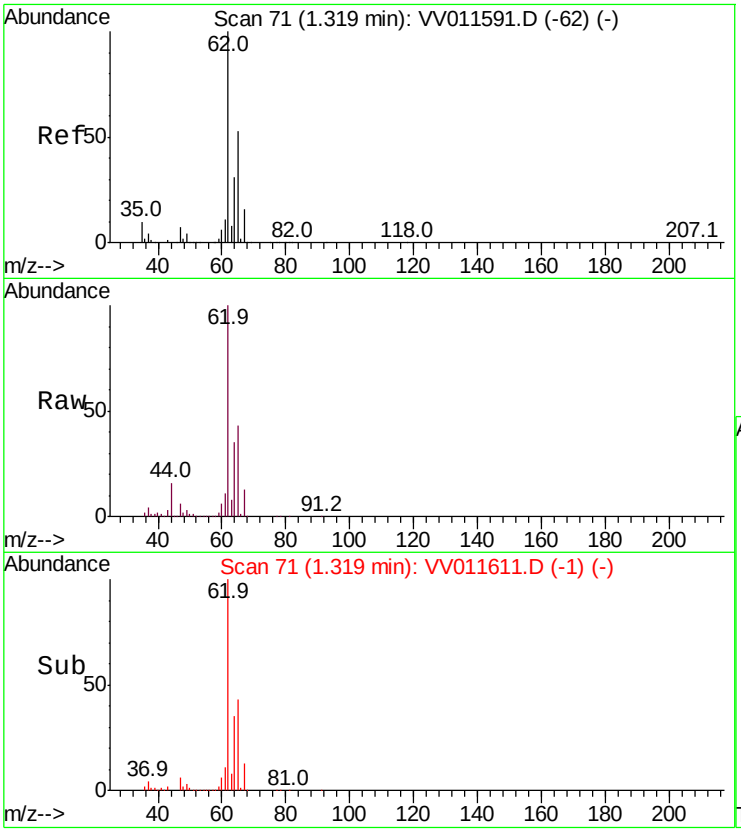
Quant Time: Jun 19 10:38:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration



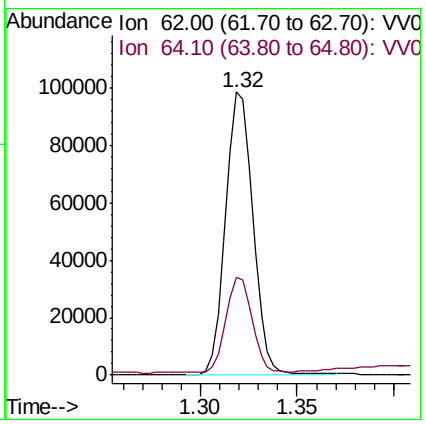


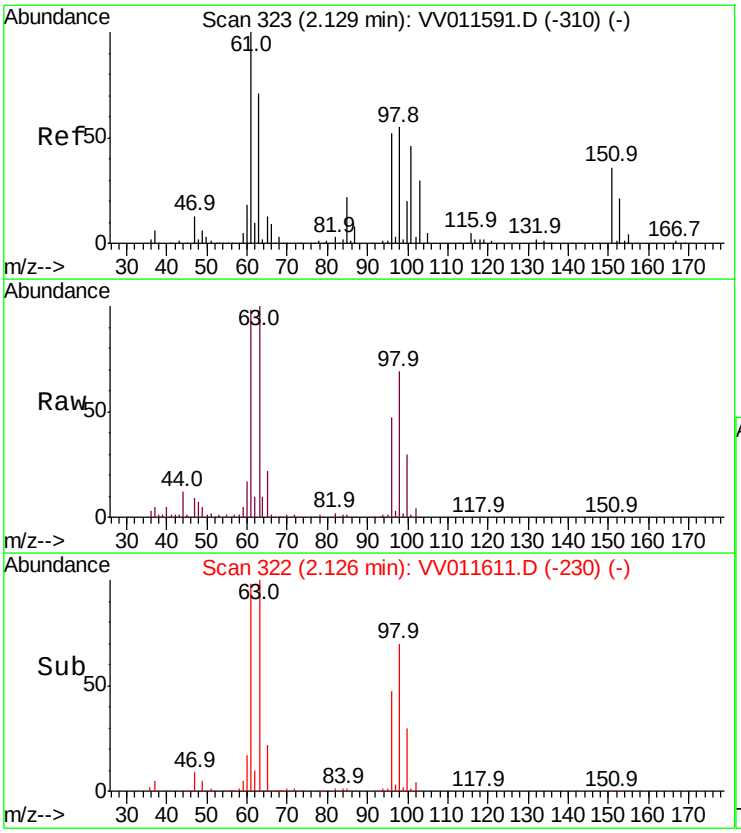
#5
Vinyl chloride
Concen: 6.088 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Instrument : MSVOA_V
ClientSampleId : BFCM1

Tgt Ion: 62 Resp: 96989

Ion	Ratio	Lower	Upper
62	100		
64	34.7	23.0	42.6

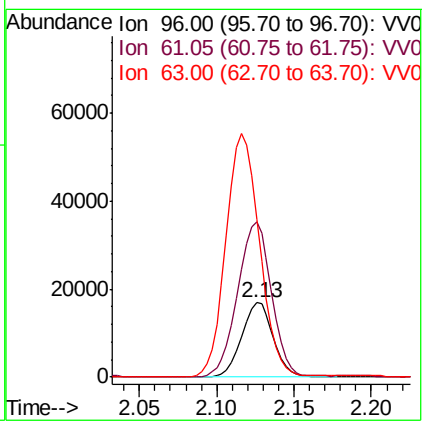


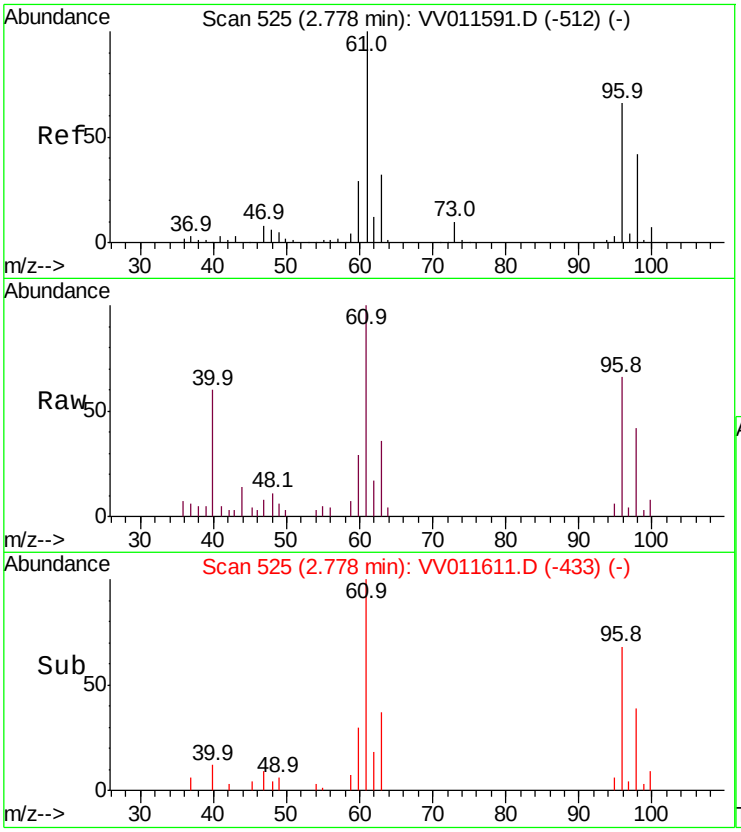


#12
1,1-Dichloroethene
Concen: 2.324 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Tgt Ion: 96 Resp: 24127

Ion	Ratio	Lower	Upper
96	100		
61	208.1	135.9	252.5
63	212.8	86.2	160.2#



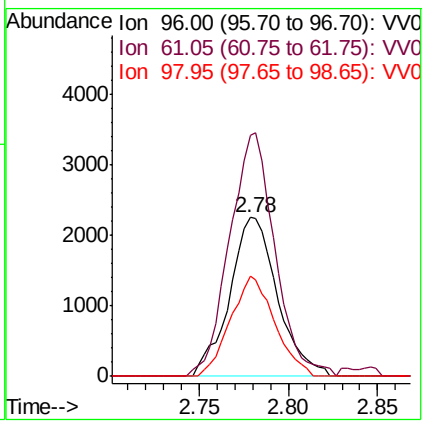


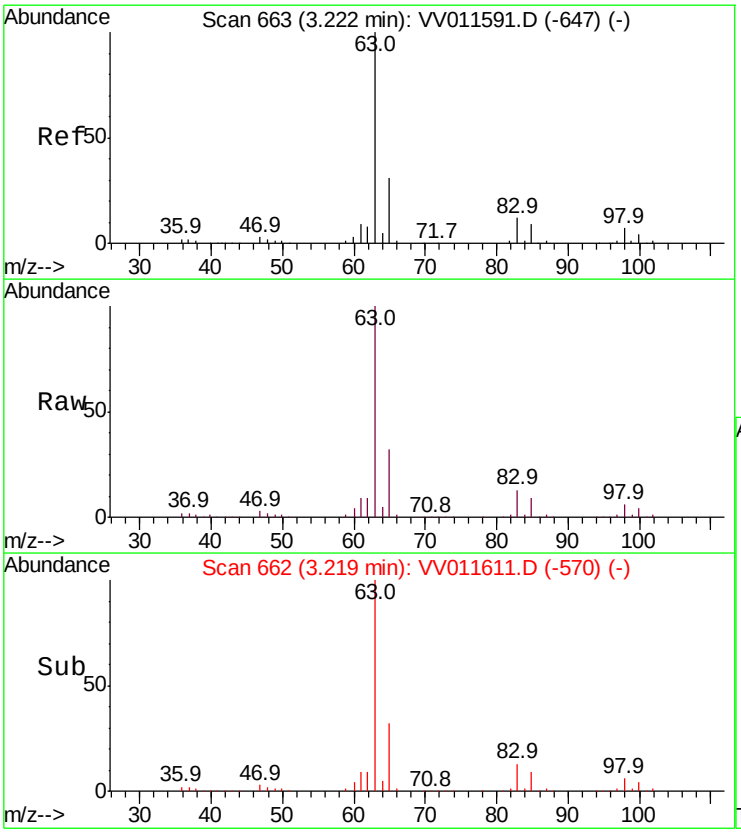
#18
trans-1,2-Dichloroethene
Concen: 0.359 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Instrument :
MSVOA_V
ClientSampleId :
BFCM1

Tgt Ion: 96 Resp: 4213

Ion	Ratio	Lower	Upper
96	100		
61	143.0	110.0	204.4
98	59.4	45.8	85.0

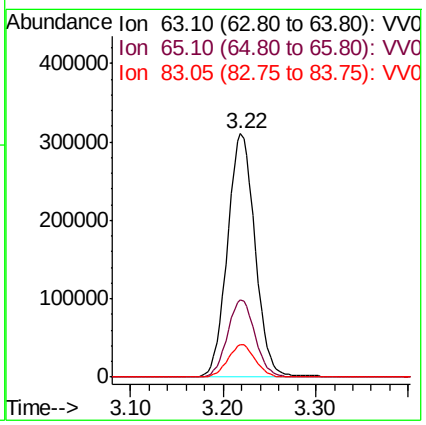


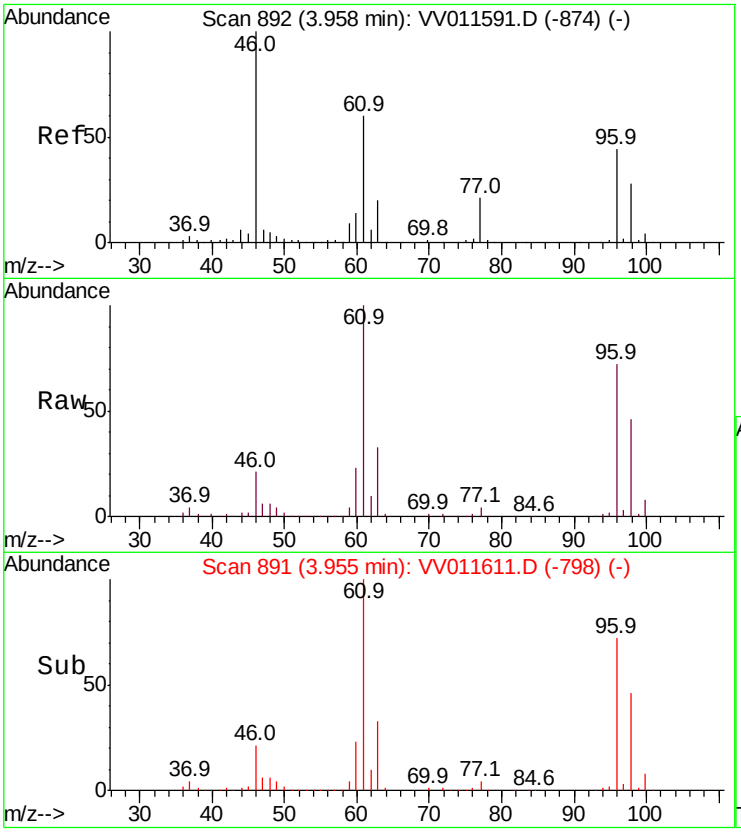


#19
1,1-Dichloroethane
Concen: 26.368 ug/L
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Tgt Ion: 63 Resp: 640308

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.5	41.9
83	13.3	10.1	18.9



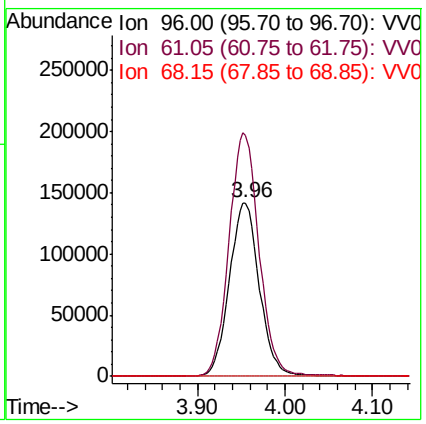


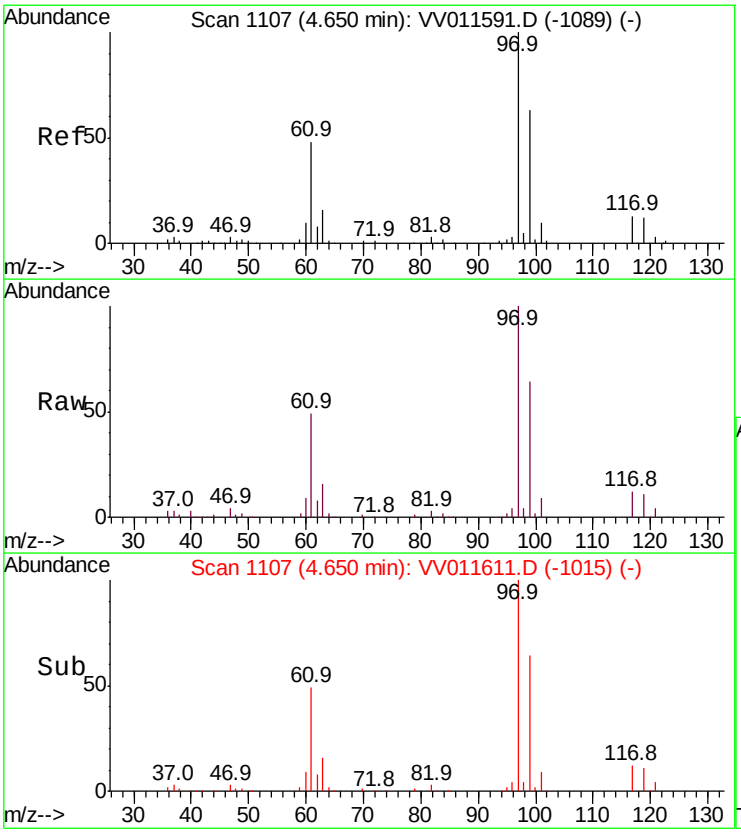
#22
cis-1,2-Dichloroethene
Concen: 25.326 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Instrument : MSVOA_V
ClientSampleId : BFCM1

Tgt Ion: 96 Resp: 336797

Ion	Ratio	Lower	Upper
96	100		
61	138.6	102.2	189.8
68	0.0	0.0	0.0

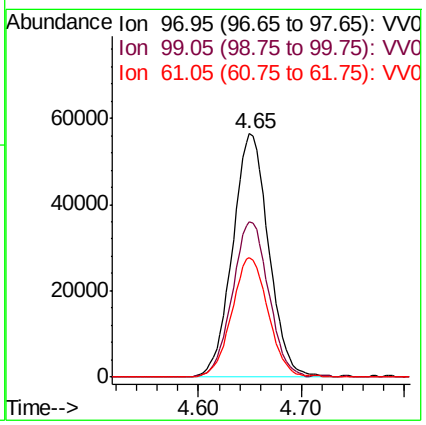


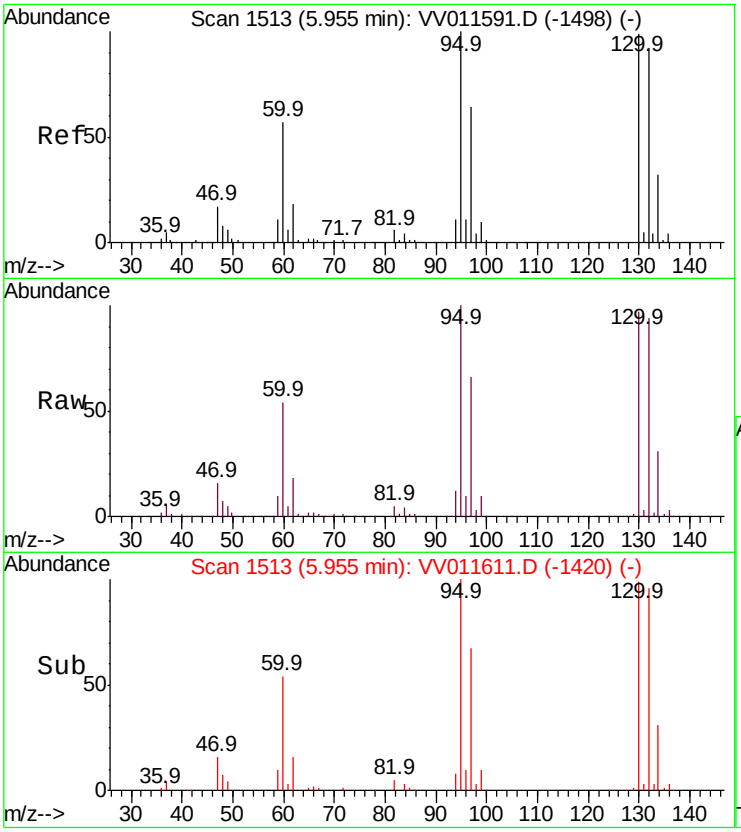


#29
1,1,1-Trichloroethane
Concen: 6.878 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Tgt Ion: 97 Resp: 137330

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	49.5	40.4	60.6



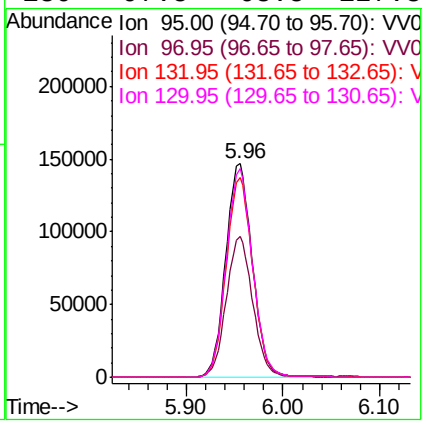


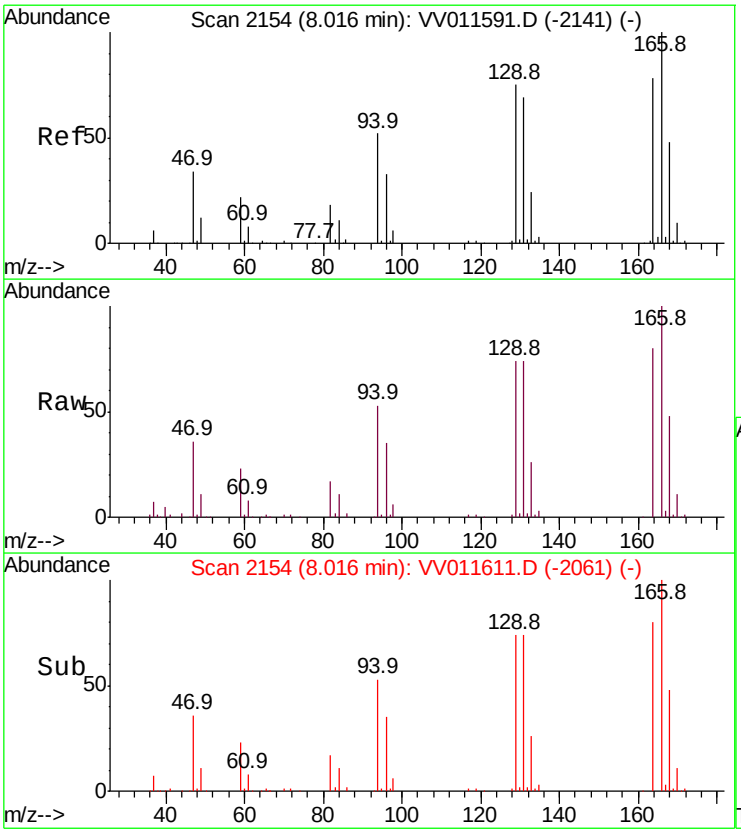
#34
Trichloroethene
Concen: 21.064 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Instrument :
MSVOA_V
ClientSampleId :
BFCM1

Tgt Ion: 95 Resp: 281534

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	93.7	63.5	117.9
130	97.5	68.5	127.3





#47
Tetrachloroethene
Concen: 4.753 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011611.D
Acq: 19 Jun 2019 08:05

Tgt Ion:164 Resp: 45303

Ion	Ratio	Lower	Upper
164	100		
129	92.6	68.8	127.8
131	92.1	63.2	117.4
166	124.7	87.0	161.6