Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061219\
Data File : VV011452.D
Acq On : 13 Jun 2019 09:49
Operator : SY/MD
Sample : K3289-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCM9

Quant Time: Jun 14 04:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 03:57:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135375	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	48249	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	32833	3.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.00%			
7) Chloroethane-d5	1.57	69	30798	3.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.20%			
11) 1,1-Dichloroethene-d2	2.12	63	63715	3.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.20%			
20) 2-Butanone-d5	3.96	46	110514	47.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.70%			
24) Chloroform-d	4.40	84	80557	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.08	65	45675	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.09	84	157213	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.12	67	49618	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	7.36	98	132535	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.60%			
43) trans-1,3-Dichloropropene-	7.66	79	13395	3.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.20%			
46) 2-Hexanone-d5	8.14	63	80695	44.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.56%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34172	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	43201	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	5172	0.606	ug/L #	1
19) 1,1-Dichloroethane	3.22	63	32631	1.732	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	26909	1.718	ug/L	98

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

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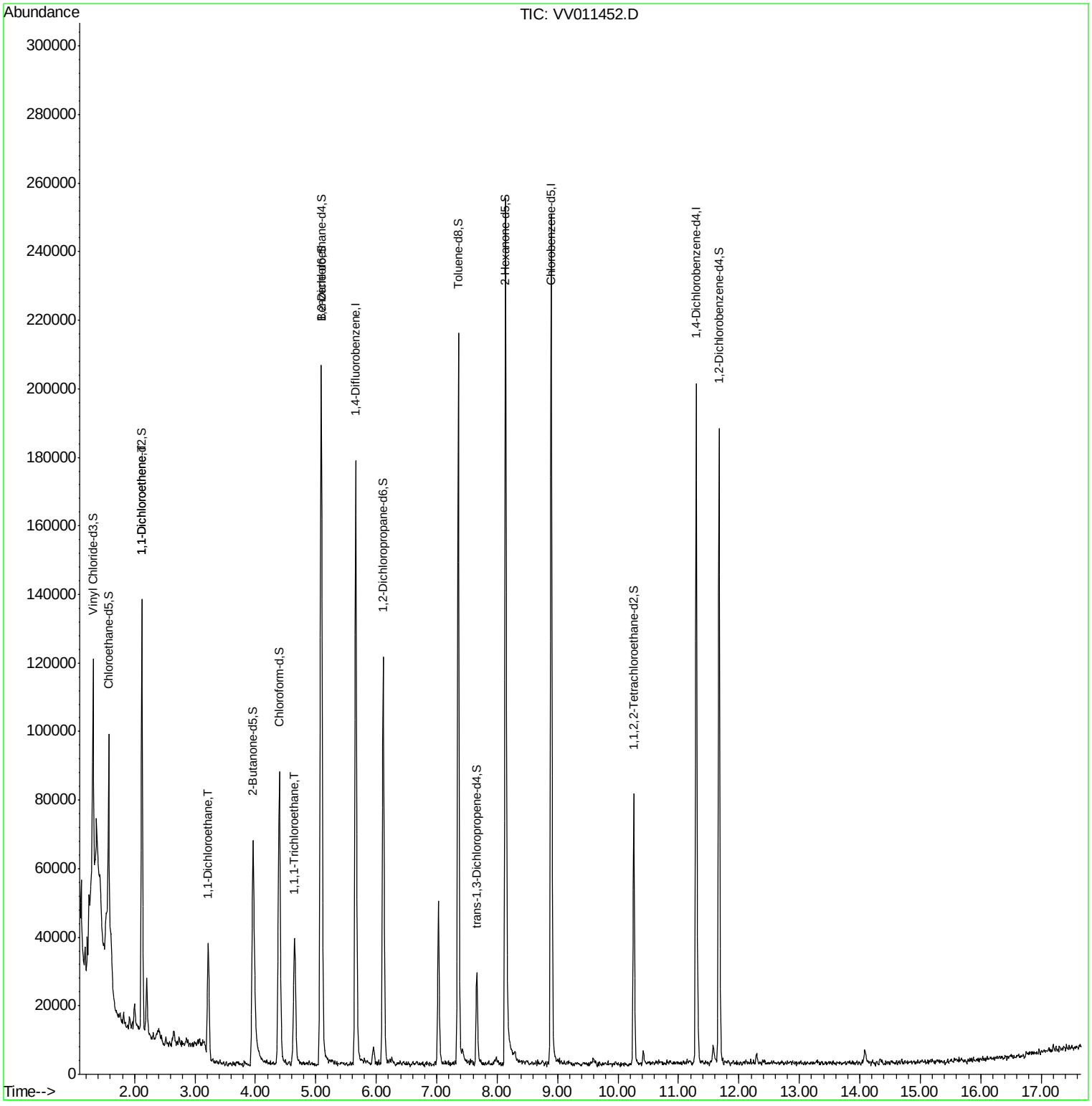
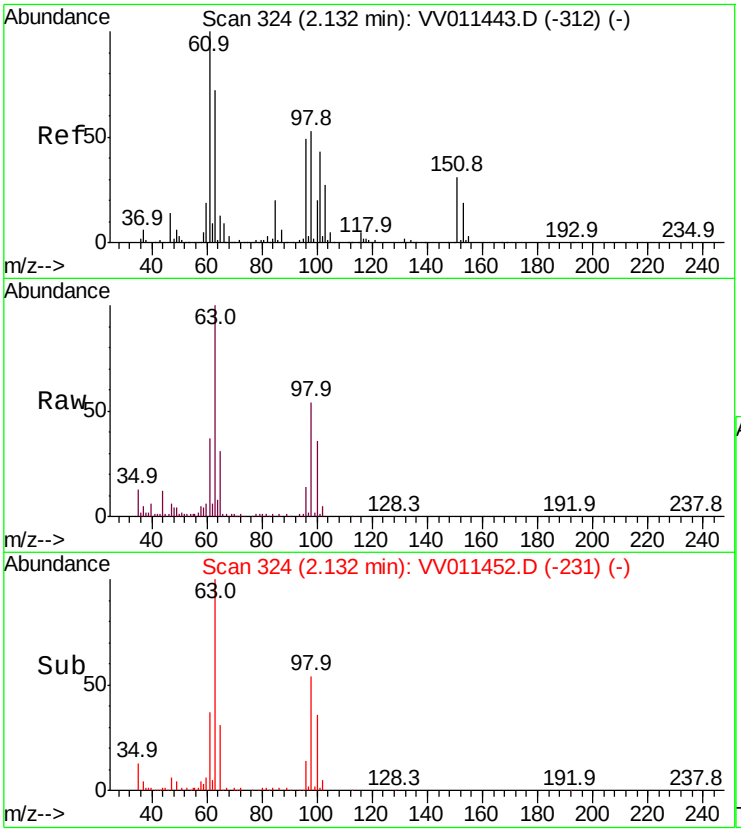


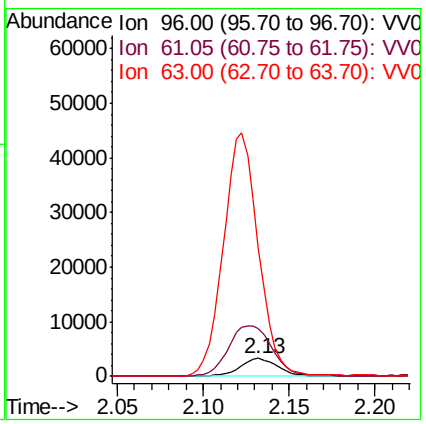


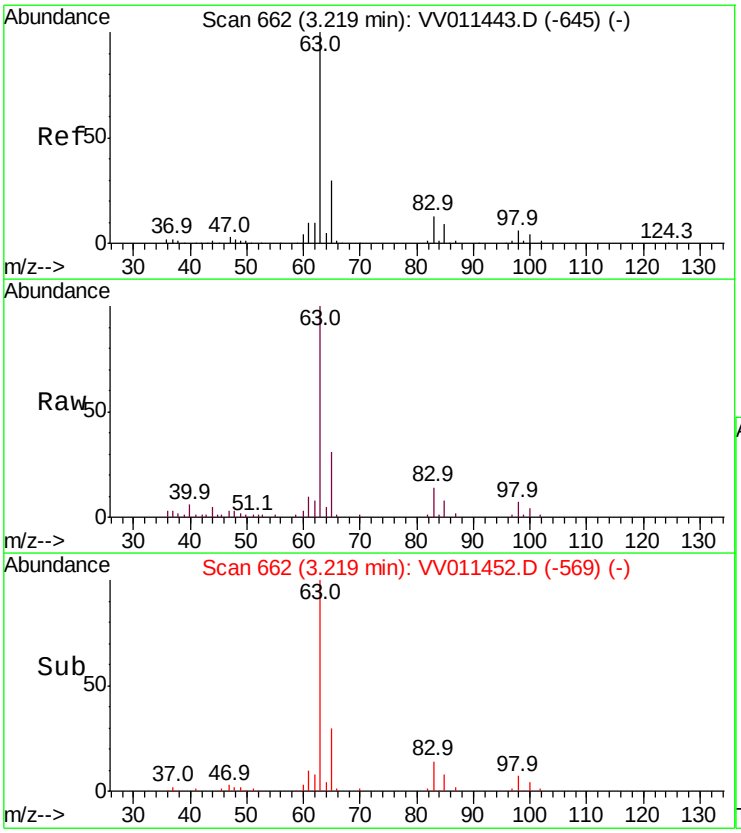
#12
1,1-Dichloroethene
Concen: 0.606 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV011452.D
Acq: 13 Jun 2019 09:49

Instrument :
MSVOA_V
ClientSampleId :
BFCM9

Tgt Ion: 96 Resp: 5172

Ion	Ratio	Lower	Upper
96	100		
61	265.0	139.8	259.6#
63	722.2	94.3	175.1#

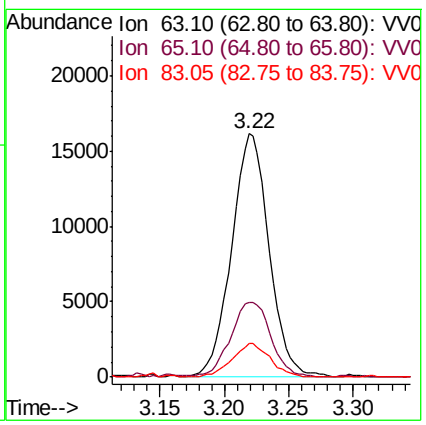


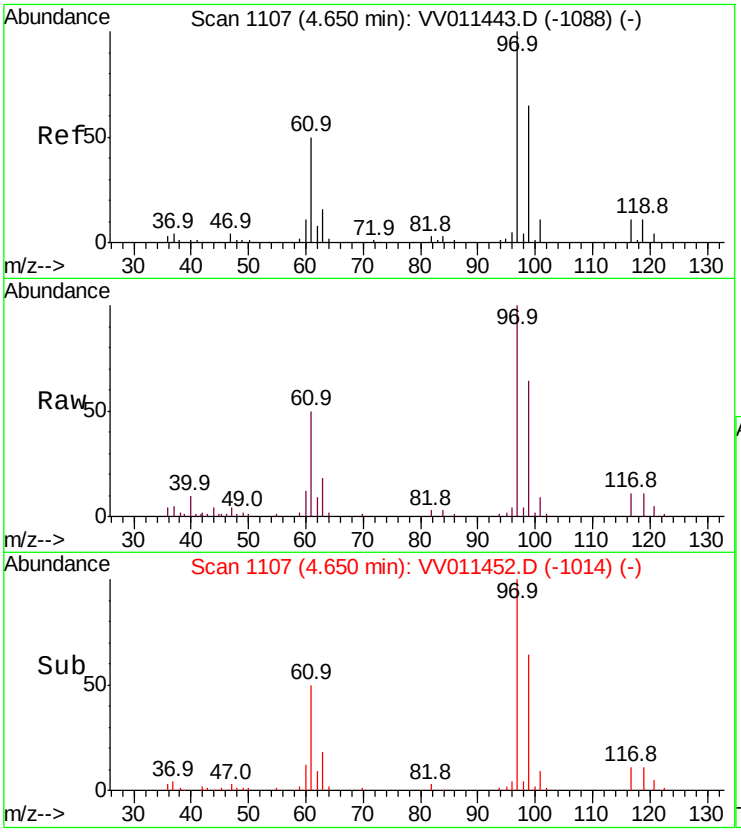


#19
1,1-Dichloroethane
Concen: 1.732 ug/L
RT: 3.22 min Scan# 662
Delta R.T. 0.00 min
Lab File: VV011452.D
Acq: 13 Jun 2019 09:49

Tgt Ion: 63 Resp: 32631

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.1	41.1
83	13.7	9.2	17.0





#29
1,1,1-Trichloroethane
Concen: 1.718 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VV011452.D
Acq: 13 Jun 2019 09:49

Instrument :
MSVOA_V
ClientSampleId :
BFCM9

Tgt Ion: 97 Resp: 26909

Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.8	76.2
61	50.2	38.9	58.3