Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008316.D
Acq On : 17 Oct 2018 00:49
Operator : SY/MD
Sample : J5463-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB4

Quant Time: Oct 17 06:40:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	71780	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24298	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20120	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.58	69	16132	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.13	63	30631	3.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.80%			
20) 2-Butanone-d5	3.96	46	69401	51.01	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.02%			
24) Chloroform-d	4.41	84	40998	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.09	65	21763	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.10	84	88816	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.12	67	29850	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.36	98	77177	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
43) trans-1,3-Dichloropropene-	7.67	79	10852	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.14	63	42404	47.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.98%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	18129	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	23155	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	14095	2.639	ug/L	88
18) trans-1,2-Dichloroethene	2.79	96	4605	1.241	ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	98774	16.490	ug/L #	98
33) Benzene	5.15	78	14916	0.704	ug/L	100
34) Trichloroethene	5.96	95	119034	20.280	ug/L	98
47) Tetrachloroethene	8.02	164	2187	0.595	ug/L	94
48) 2-Hexanone	8.19	43	13021	5.090	ug/L	93

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

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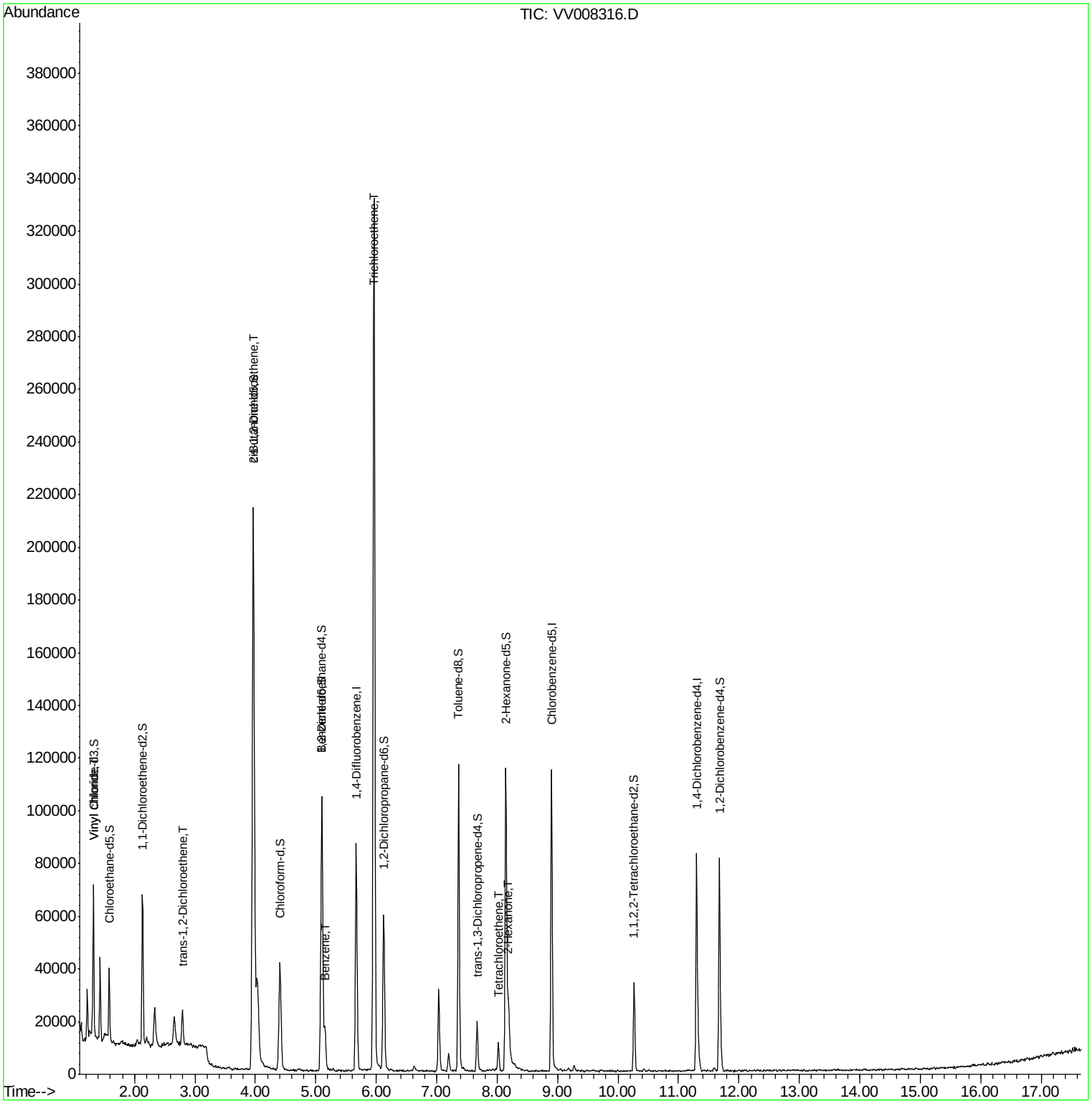
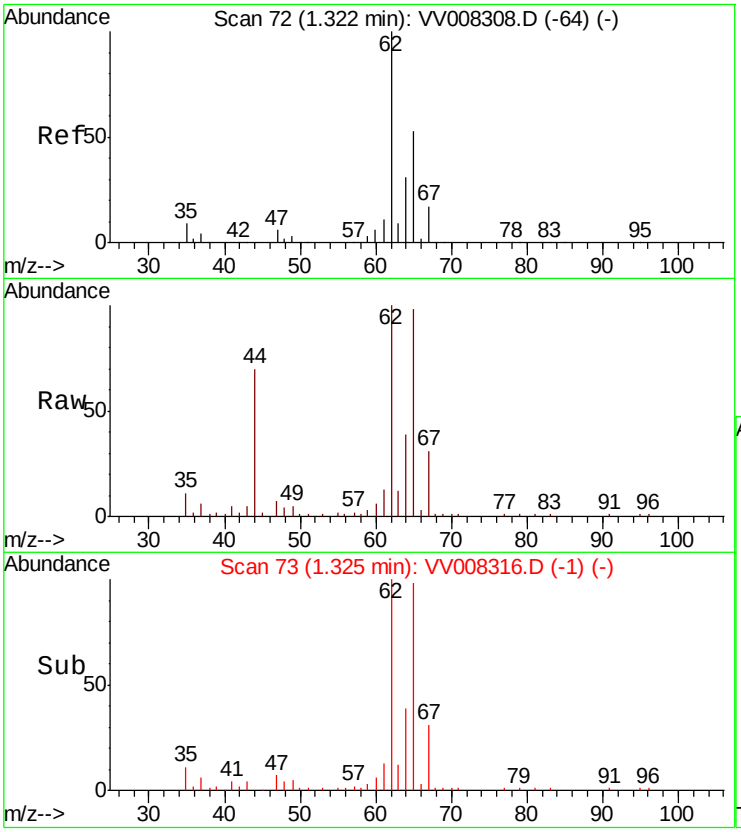


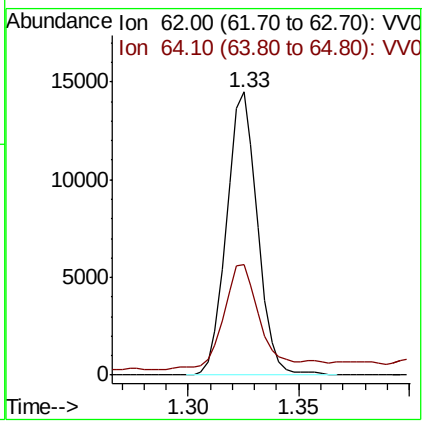


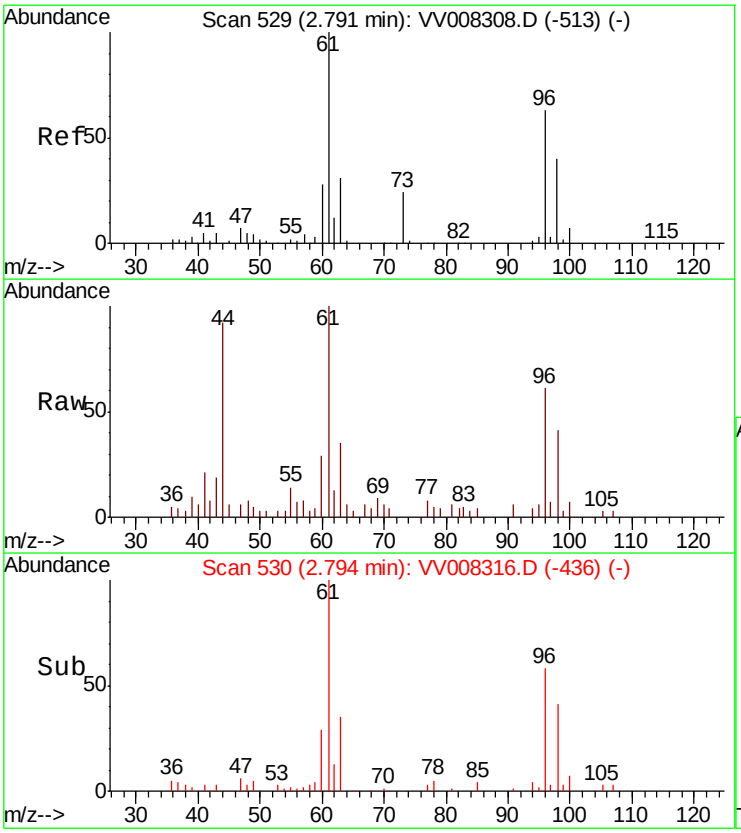
#5
Vinyl chloride
Concen: 2.639 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008316.D
Acq: 17 Oct 2018 00:49

Instrument :
MSVOA_V
ClientSampleId :
C0JB4

Tgt Ion: 62 Resp: 14095

Ion	Ratio	Lower	Upper
62	100		
64	39.2	22.9	42.5

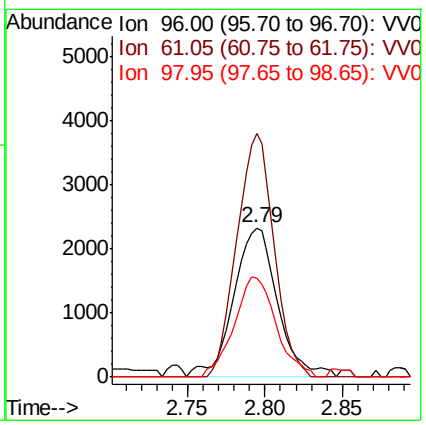


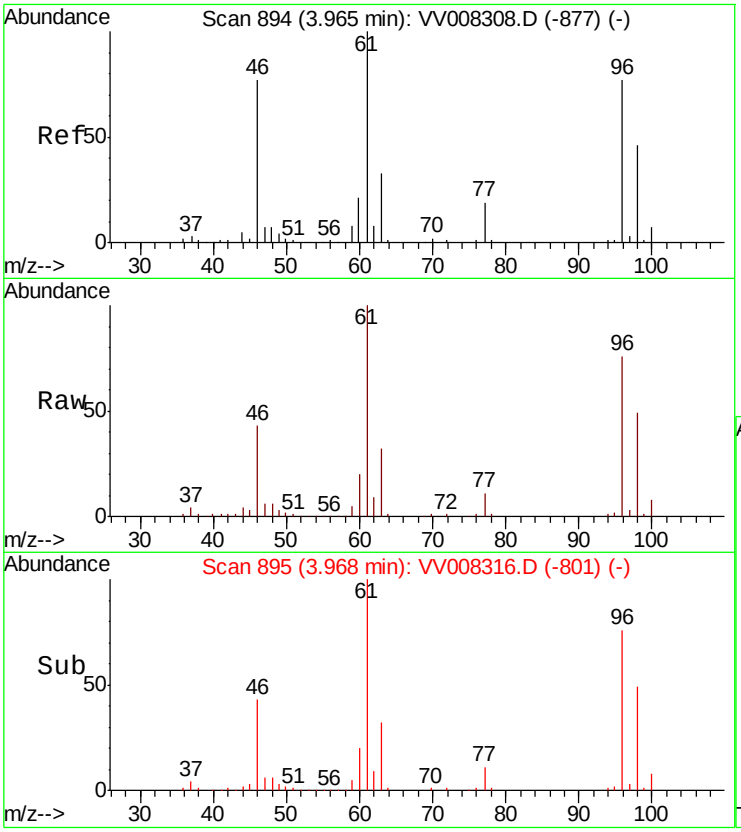


#18
trans-1,2-Dichloroethene
Concen: 1.241 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008316.D
Acq: 17 Oct 2018 00:49

Tgt Ion: 96 Resp: 4605

Ion	Ratio	Lower	Upper
96	100		
61	163.5	104.6	194.2
98	66.5	44.1	81.9



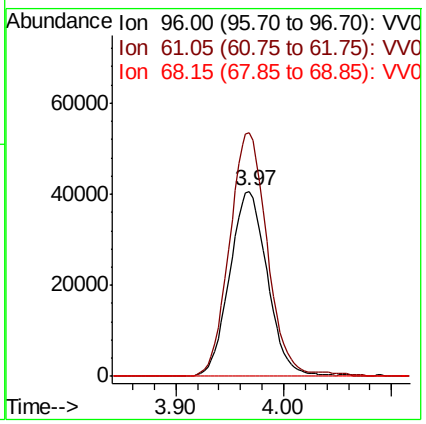


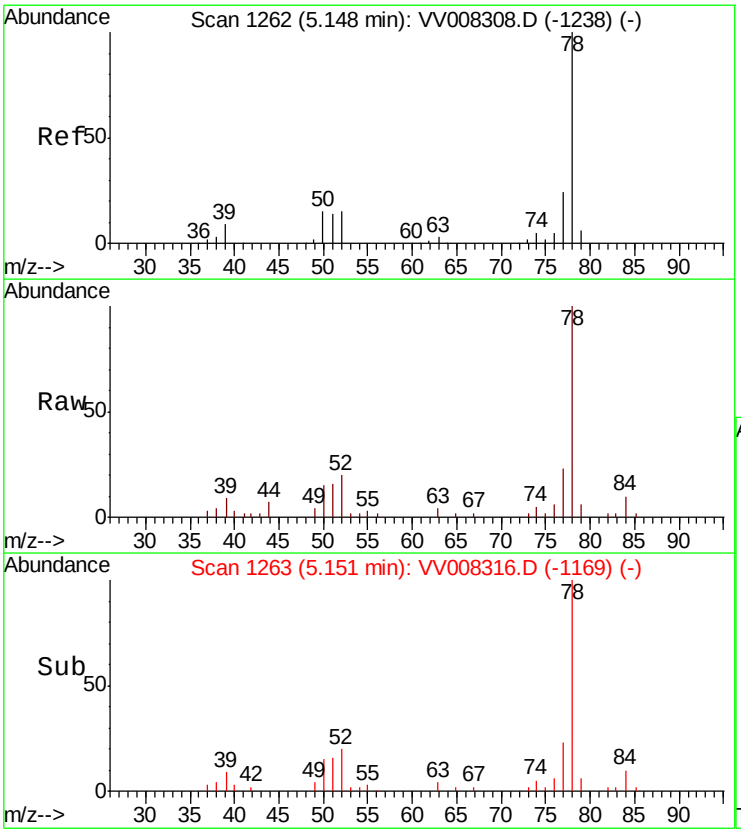
#22
cis-1,2-Dichloroethene
Concen: 16.490 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008316.D
Acq: 17 Oct 2018 00:49

Instrument :
MSVOA_V
ClientSampleId :
C0JB4

Tgt Ion: 96 Resp: 98774

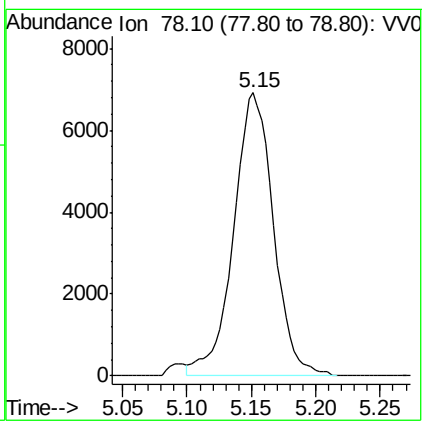
Ion	Ratio	Lower	Upper
96	100		
61	131.4	93.7	174.1
68	0.3	0.6	1.2#

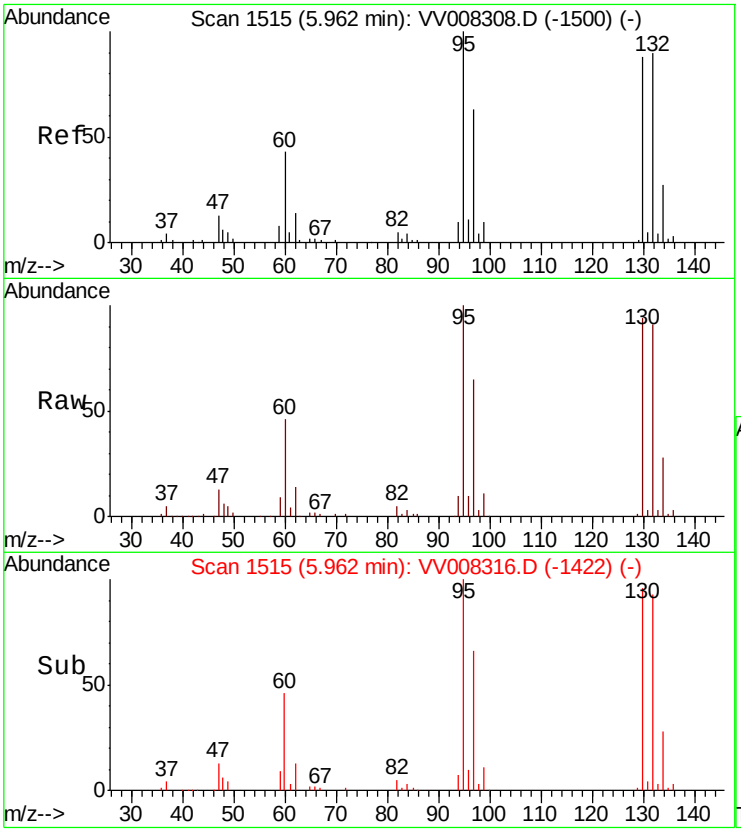




#33
Benzene
Concen: 0.704 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008316.D
Acq: 17 Oct 2018 00:49

Tgt Ion: 78 Resp: 14916



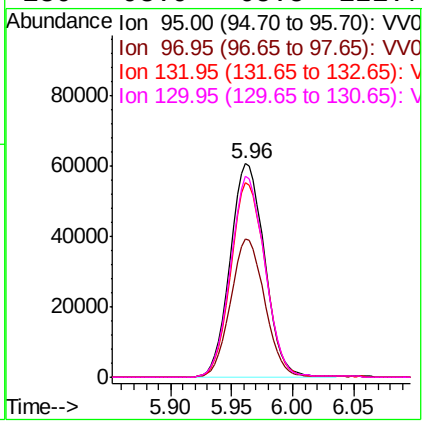


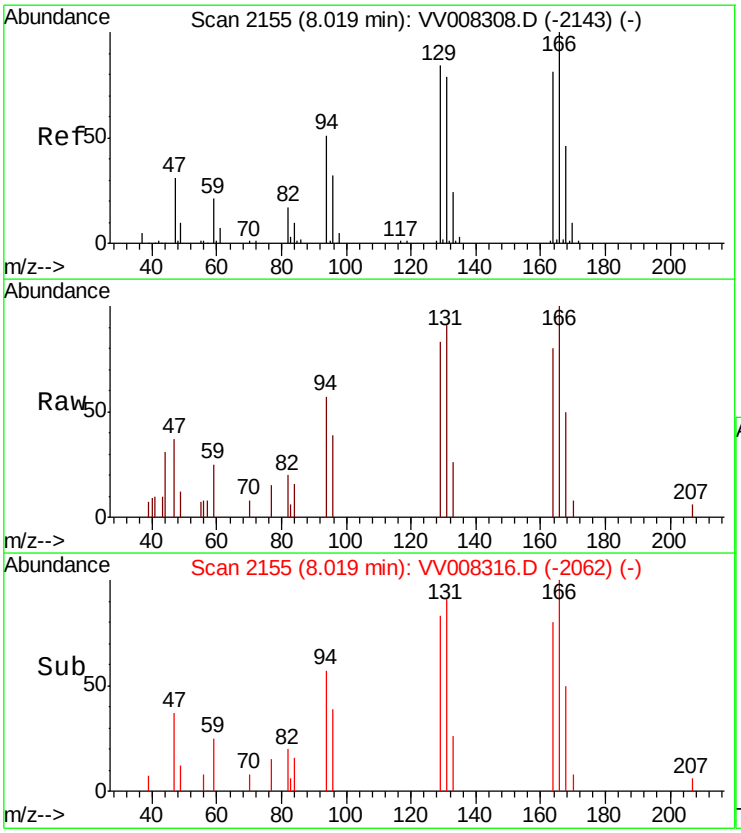
#34
Trichloroethene
Concen: 20.280 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008316.D
Acq: 17 Oct 2018 00:49

Instrument :
MSVOA_V
ClientSampleId :
C0JB4

Tgt Ion: 95 Resp: 119034

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.4	82.4
132	91.0	60.4	112.2
130	93.9	65.5	121.7

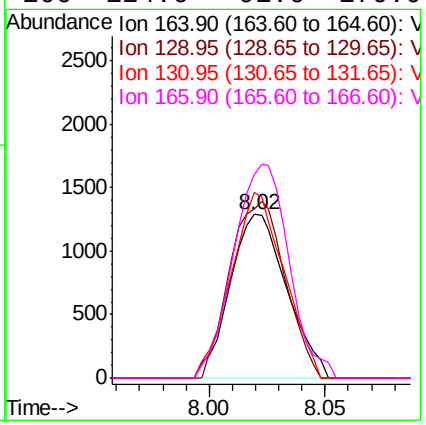


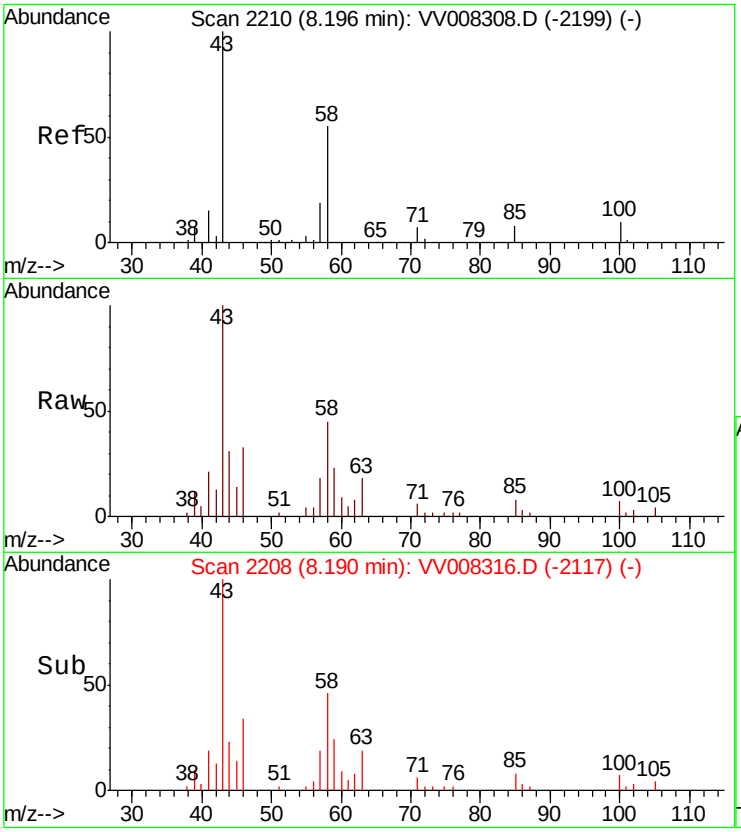


#47
Tetrachloroethene
Concen: 0.595 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008316.D
Acq: 17 Oct 2018 00:49

Tgt Ion:164 Resp: 2187

Ion	Ratio	Lower	Upper
164	100		
129	103.6	76.5	142.1
131	113.4	74.7	138.7
166	124.6	91.6	170.0





#48
2-Hexanone
Concen: 5.090 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VV008316.D
Acq: 17 Oct 2018 00:49

Instrument :
MSVOA_V
ClientSampleId :
C0JB4

Tgt Ion: 43 Resp: 13021

Ion	Ratio	Lower	Upper
43	100		
58	50.3	45.0	67.4
57	16.4	14.4	21.6
100	8.5	7.9	11.9