Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101818\
Data File : VV008338.D
Acq On : 18 Oct 2018 12:42
Operator : SY/MD
Sample : J5463-10
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JC1

Quant Time: Oct 19 06:00:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39552	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	28477	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.59	69	19359	3.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.40%			
11) 1,1-Dichloroethene-d2	2.14	63	52451	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.40%			
20) 2-Butanone-d5	3.96	46	104239	49.70	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.40%			
24) Chloroform-d	4.41	84	61583	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.09	65	33157	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.10	84	136911	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.12	67	45913	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.36	98	117502	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.67	79	15545	3.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.60%			
46) 2-Hexanone-d5	8.14	63	66199	47.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.26%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24950	3.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	35173	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	14096	2.652	ug/L #	67
14) Carbon disulfide	2.32	76	45960	2.513	ug/L	99
19) 1,1-Dichloroethane	3.23	63	4215	0.357	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	139580	15.118	ug/L #	99
29) 1,1,1-Trichloroethane	4.66	97	3285	0.264	ug/L	94
34) Trichloroethene	5.96	95	57879	6.204	ug/L	99
47) Tetrachloroethene	8.02	164	5481	0.938	ug/L	96

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

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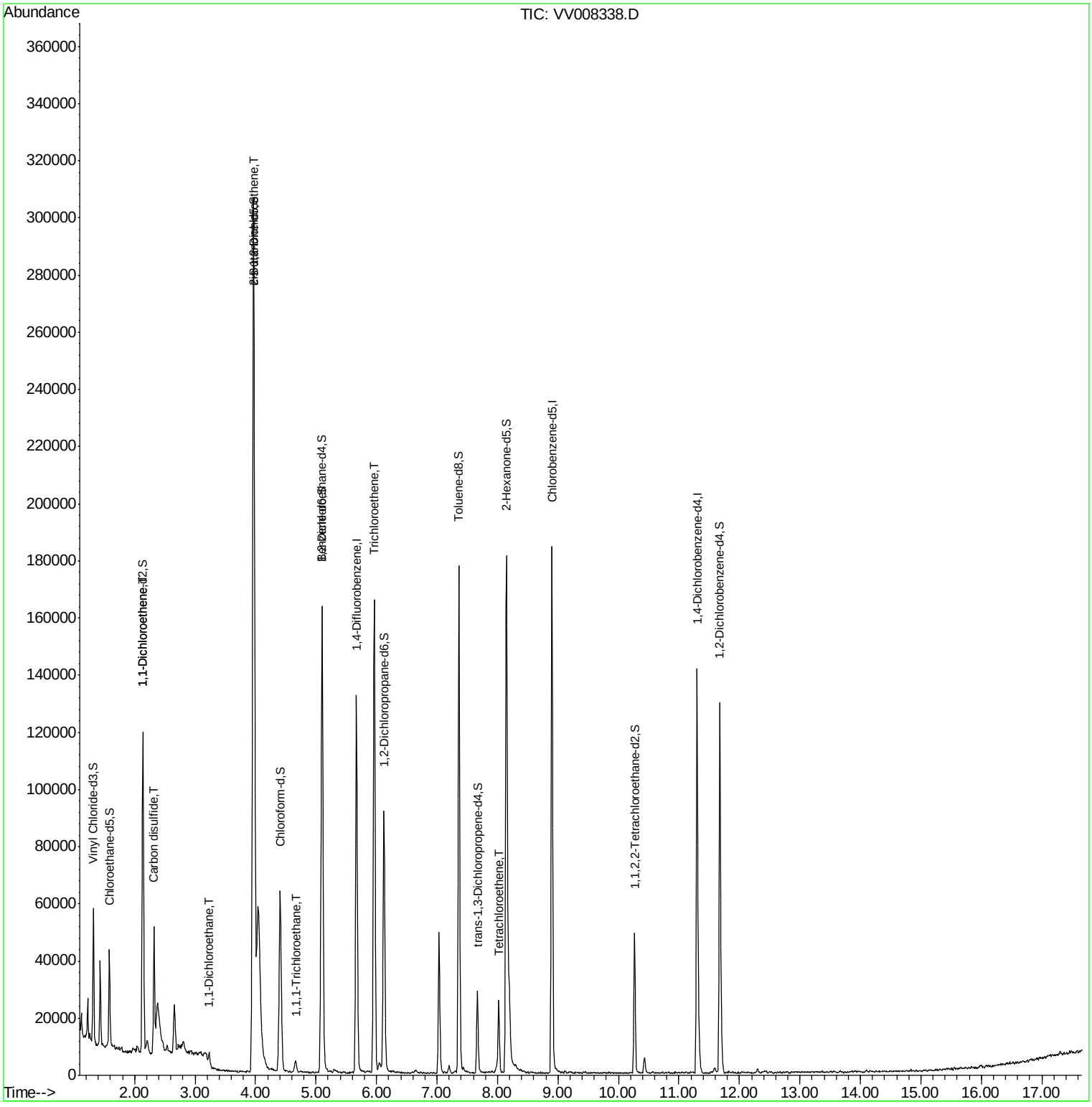
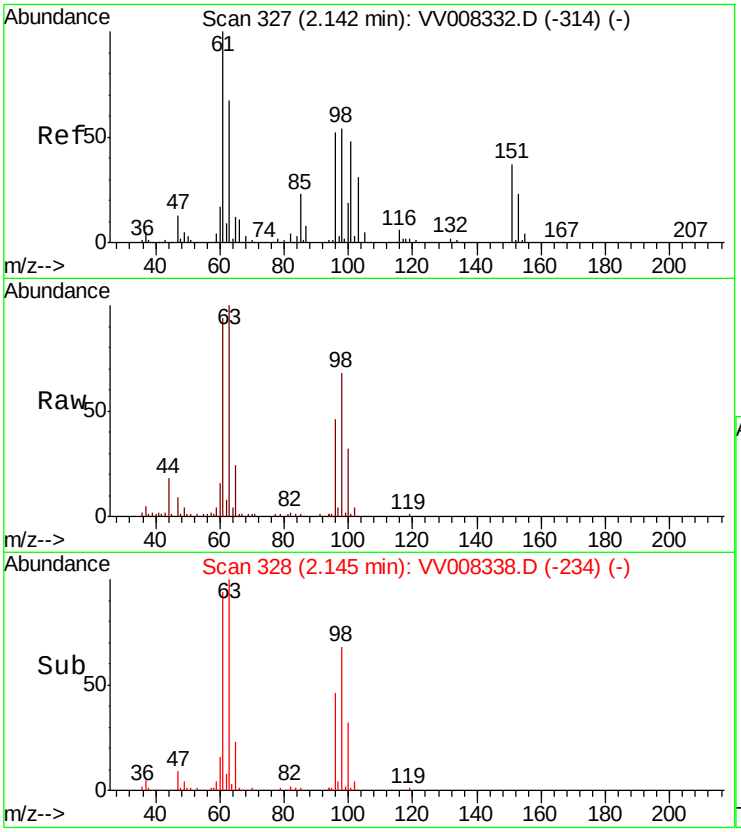


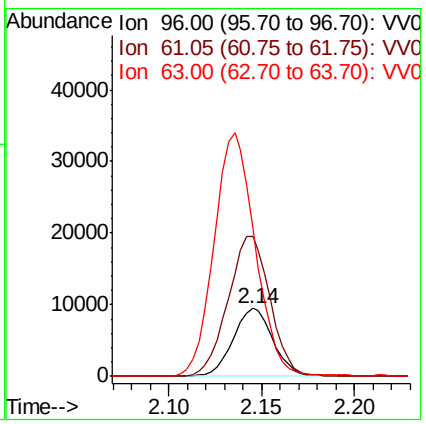


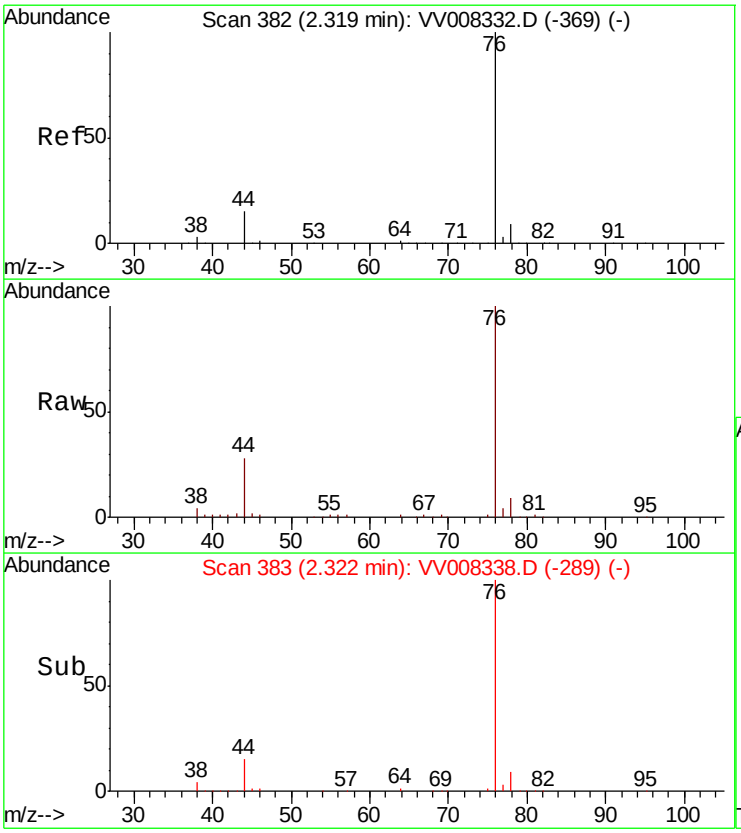
#12
1,1-Dichloroethene
Concen: 2.652 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008338.D
Acq: 18 Oct 2018 12:42

Instrument : MSVOA_V
ClientSampleId : C0JC1

Tgt Ion: 96 Resp: 14096

Ion	Ratio	Lower	Upper
96	100		
61	206.7	129.9	241.3
63	219.0	103.0	191.4#

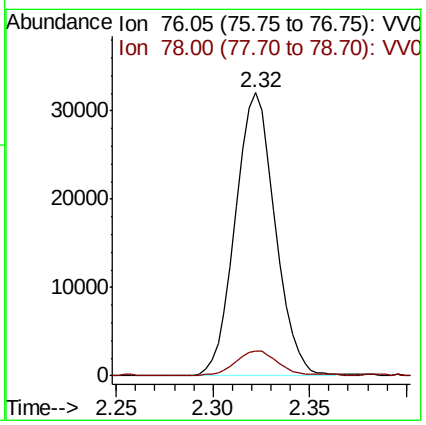


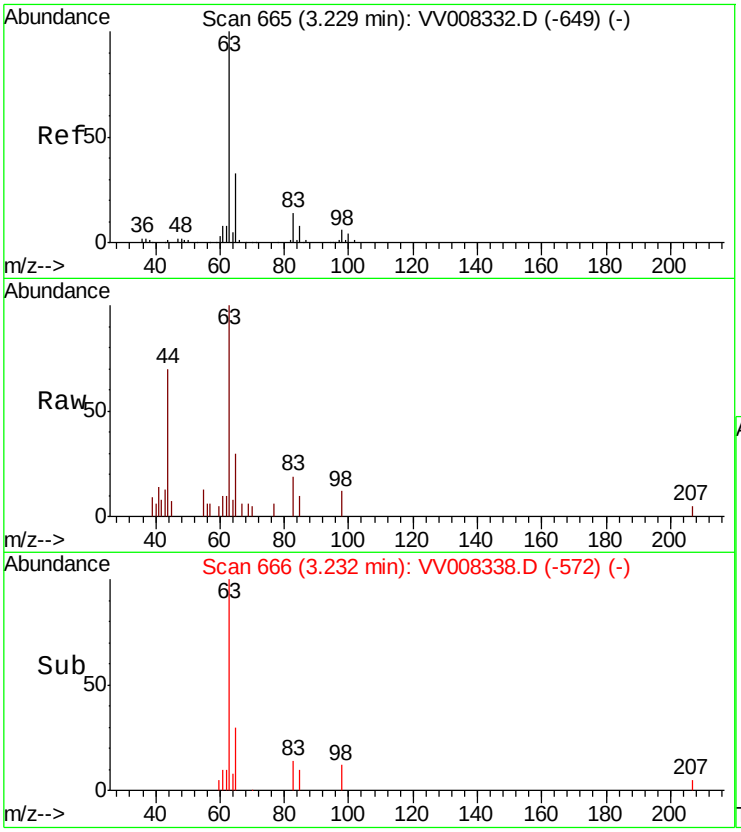


#14
Carbon disulfide
Concen: 2.513 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VV008338.D
Acq: 18 Oct 2018 12:42

Tgt Ion: 76 Resp: 45960

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2



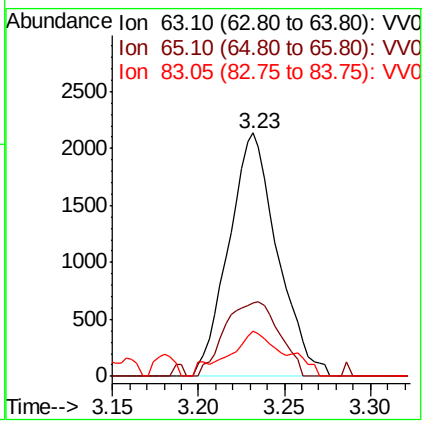


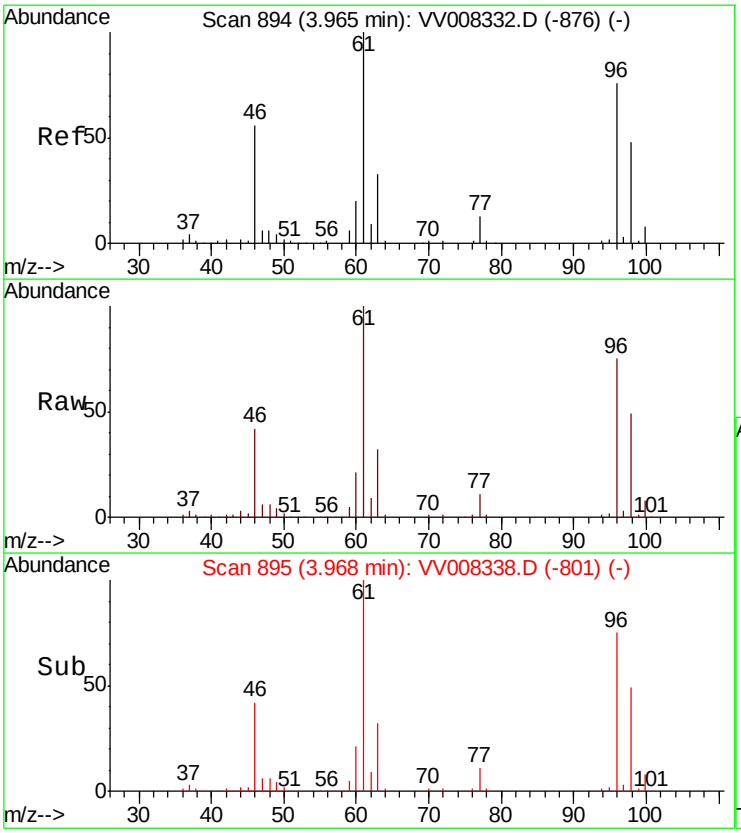
#19
1,1-Dichloroethane
Concen: 0.357 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV008338.D
Acq: 18 Oct 2018 12:42

Instrument : MSVOA_V
ClientSampleId : C0JC1

Tgt Ion: 63 Resp: 4215

Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.6	42.0
83	18.6	11.0	20.4

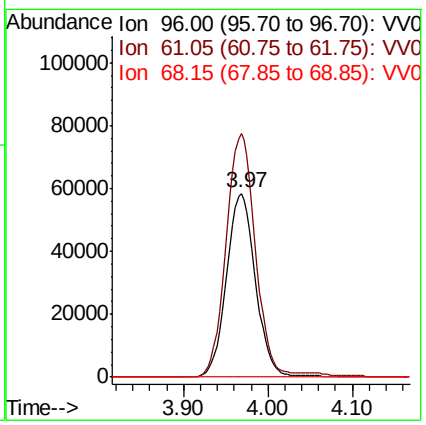


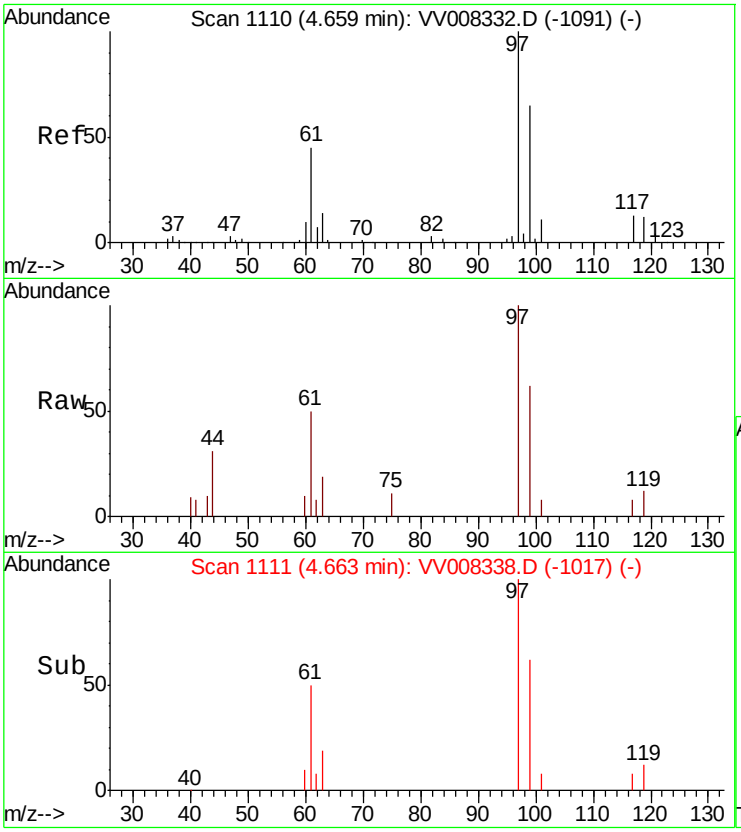


#22
cis-1,2-Dichloroethene
Concen: 15.118 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008338.D
Acq: 18 Oct 2018 12:42

Tgt Ion: 96 Resp: 139580

Ion	Ratio	Lower	Upper
96	100		
61	132.6	93.7	174.1
68	0.0	0.6	1.2#



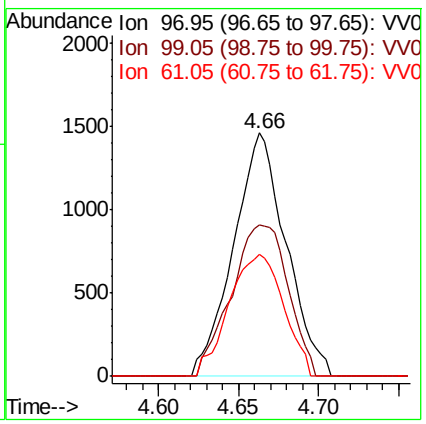


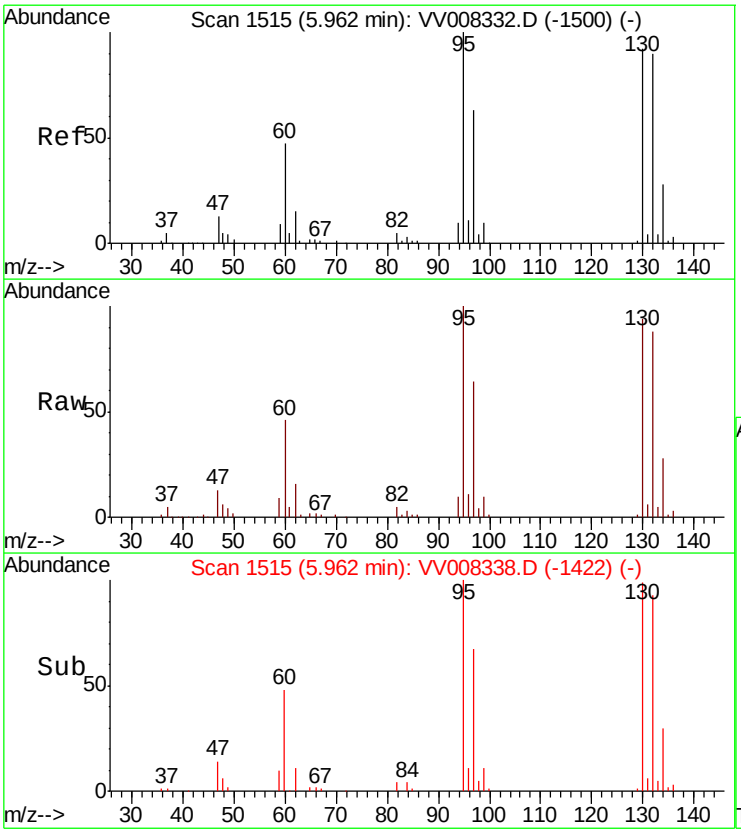
#29
1,1,1-Trichloroethane
Concen: 0.264 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008338.D
Acq: 18 Oct 2018 12:42

Instrument : MSVOA_V
ClientSampleId : C0JC1

Tgt Ion: 97 Resp: 3285

Ion	Ratio	Lower	Upper
97	100		
99	67.3	51.6	77.4
61	51.9	37.0	55.6

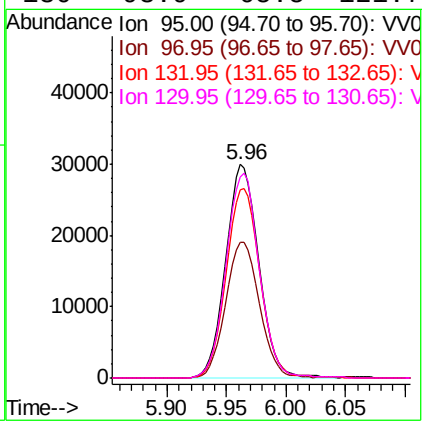


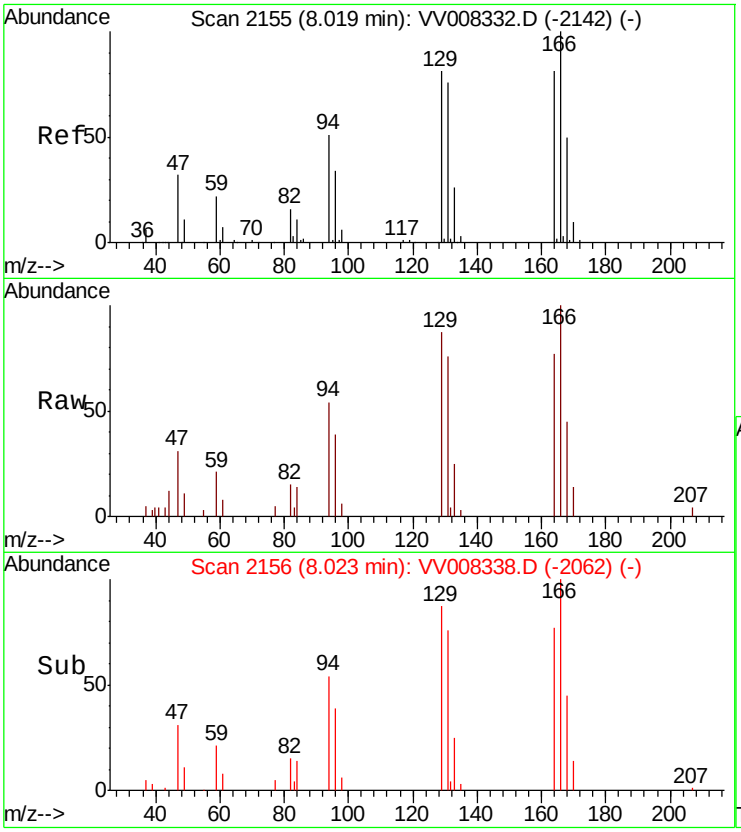


#34
Trichloroethene
Concen: 6.204 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008338.D
Acq: 18 Oct 2018 12:42

Tgt Ion: 95 Resp: 57879

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.4	82.4
132	87.9	60.4	112.2
130	93.9	65.5	121.7





#47
Tetrachloroethene
Concen: 0.938 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008338.D
Acq: 18 Oct 2018 12:42

Instrument :
MSVOA_V
ClientSampleId :
C0JC1

Tgt Ion:164 Resp: 5481

Ion	Ratio	Lower	Upper
164	100		
129	113.9	76.5	142.1
131	99.8	74.7	138.7
166	130.5	91.6	170.0