Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
Data File : VV008652.D
Acq On : 19 Nov 2018 15:41
Operator : SY/MD
Sample : J5995-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK7

Quant Time: Nov 20 07:46:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 06:56:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148241	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59893	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27599	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.59	69	22276	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.20%			
11) 1,1-Dichloroethene-d2	2.14	63	43693	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	3.96	46	114544	48.61	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.22%			
24) Chloroform-d	4.41	84	80076	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
26) 1,2-Dichloroethane-d4	5.09	65	42909	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.10	84	156081	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.12	67	51317	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.36	98	140556	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	7.67	79	17455	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.14	63	84245	43.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.32%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36779	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	49792	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	29075	3.101	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	2448245	133.855	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	16631	2.229	ug/L	97
19) 1,1-Dichloroethane	3.23	63	14828	0.785	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	706217	62.718	ug/L	98
33) Benzene	5.15	78	5468	0.128	ug/L	100
34) Trichloroethene	5.96	95	228284	20.282	ug/L	98

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

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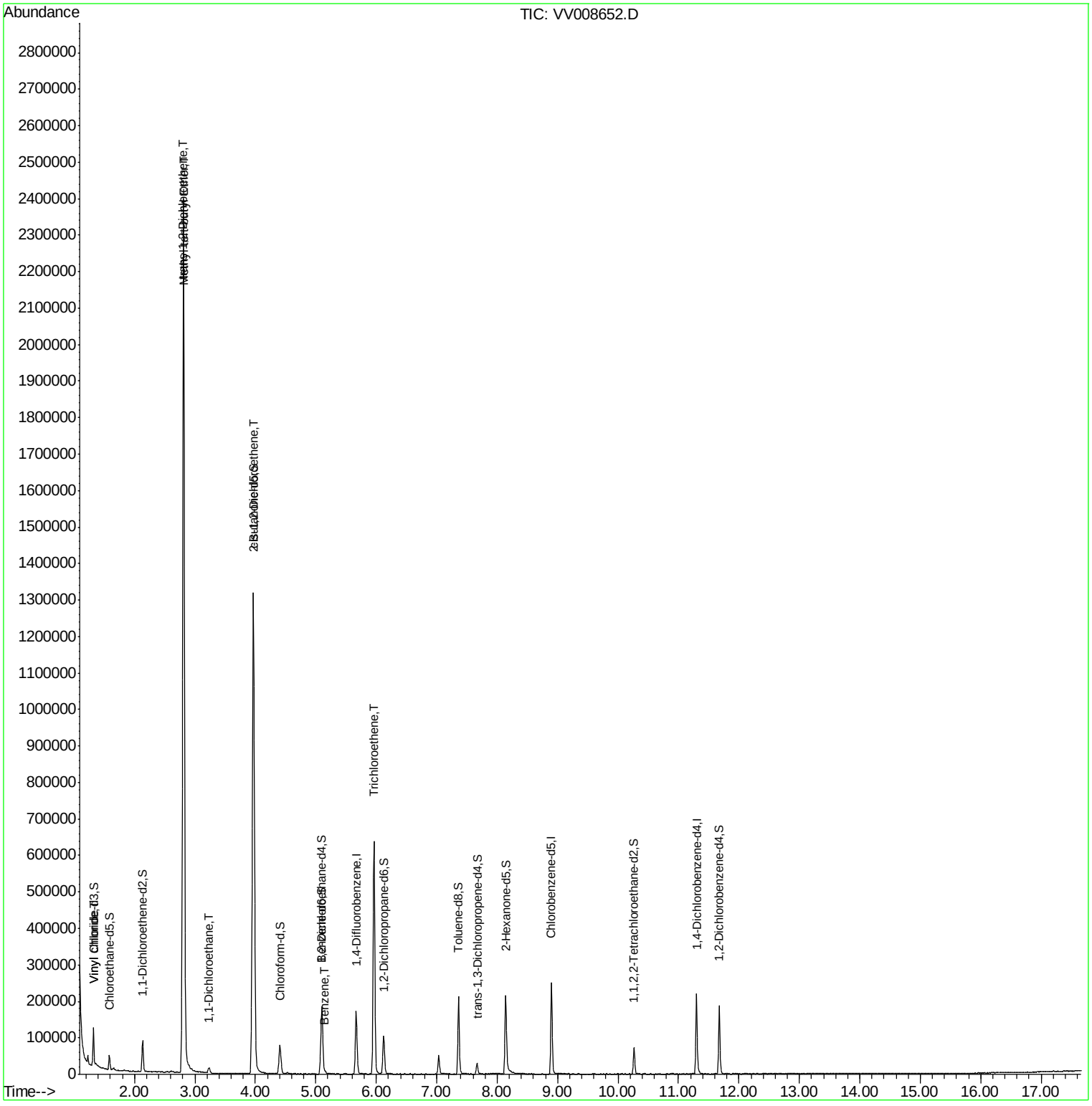
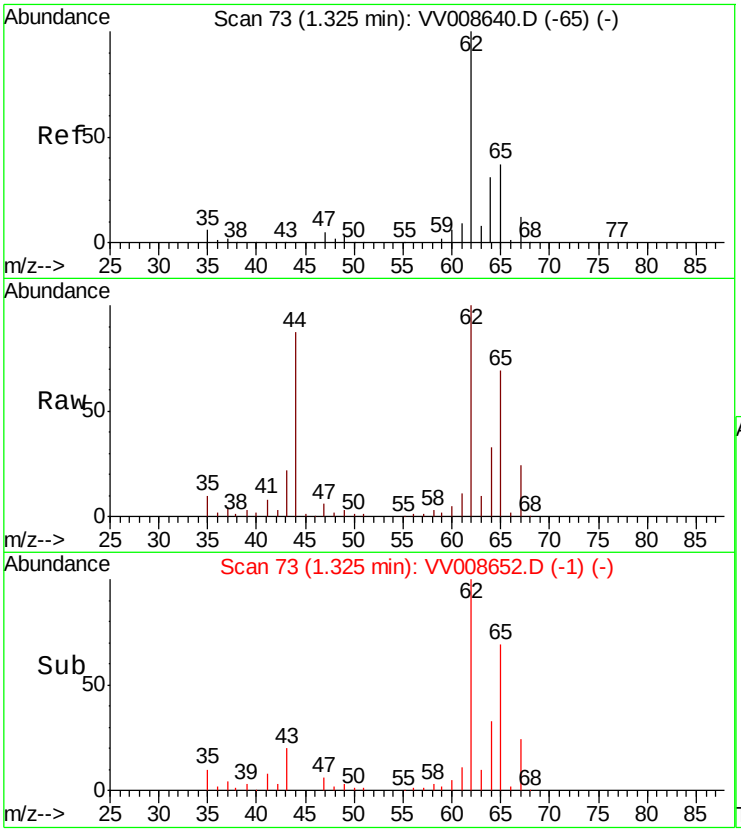


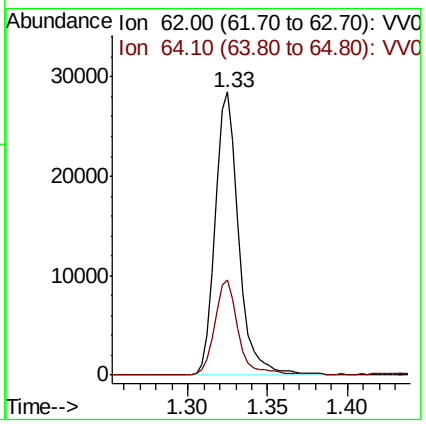


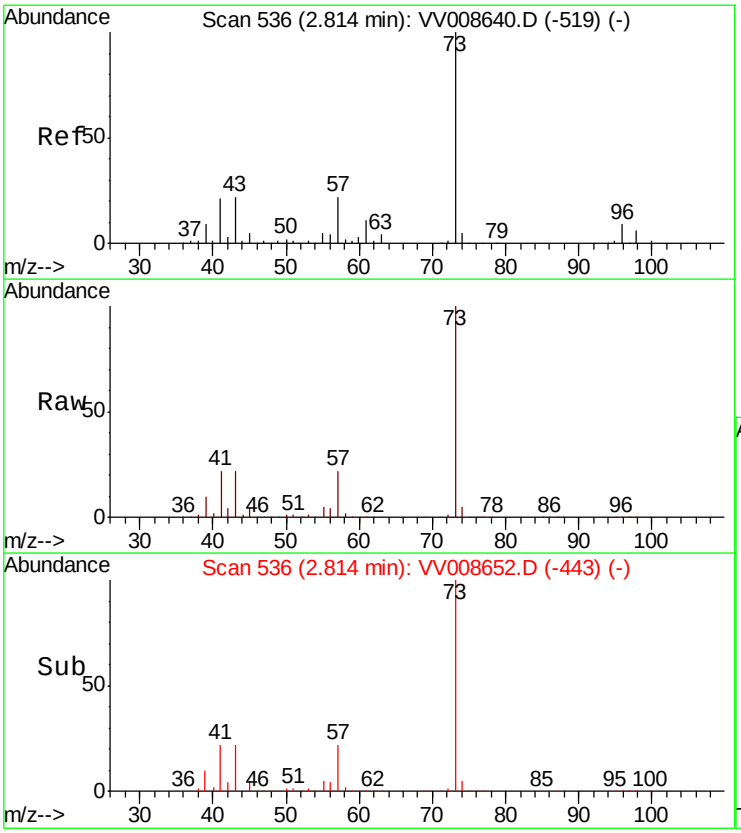
#5
Vinyl chloride
Concen: 3.101 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008652.D
Acq: 19 Nov 2018 15:41

Instrument :
MSVOA_V
ClientSampleId :
H0FK7

Tgt Ion: 62 Resp: 29075

Ion	Ratio	Lower	Upper
62	100		
64	33.5	23.4	43.4

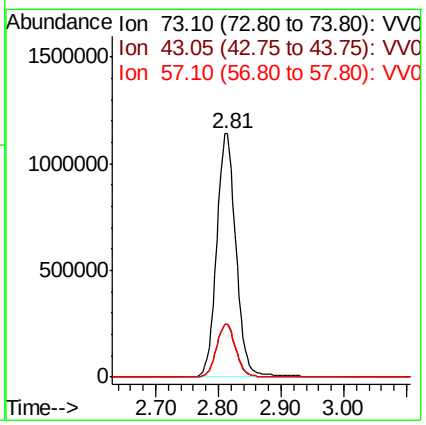


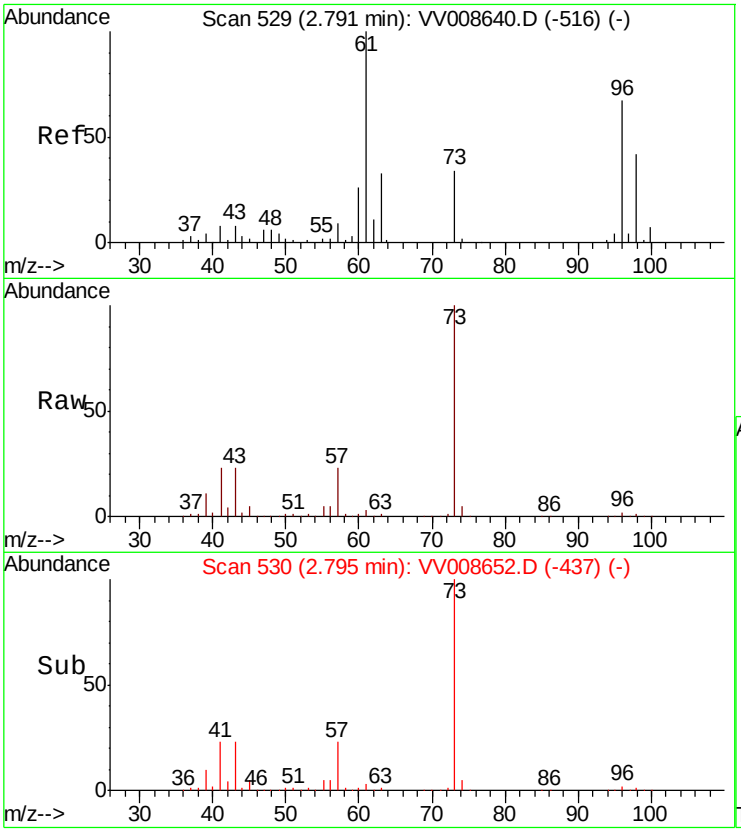


#17
Methyl tert-butyl Ether
Concen: 133.855 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV008652.D
Acq: 19 Nov 2018 15:41

Tgt Ion: 73 Resp: 2448245

Ion	Ratio	Lower	Upper
73	100		
43	21.7	18.1	27.1
57	22.1	17.9	26.9



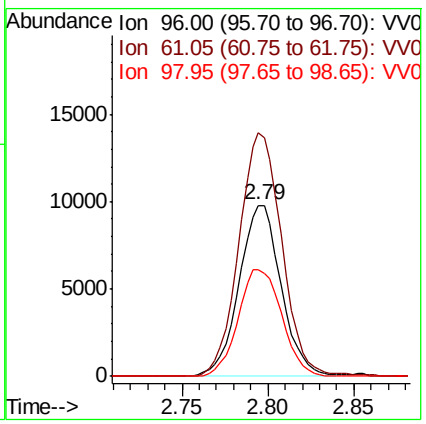


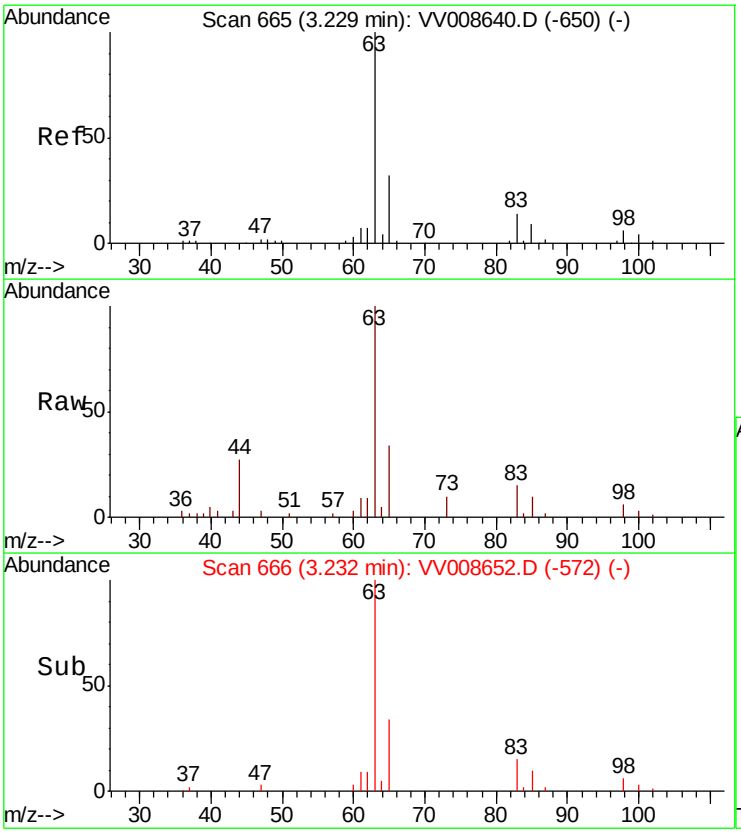
#18
trans-1,2-Dichloroethene
Concen: 2.229 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008652.D
Acq: 19 Nov 2018 15:41

Instrument :
MSVOA_V
ClientSampleId :
H0FK7

Tgt Ion: 96 Resp: 16631

Ion	Ratio	Lower	Upper
96	100		
61	142.3	97.1	180.3
98	62.3	41.9	77.7

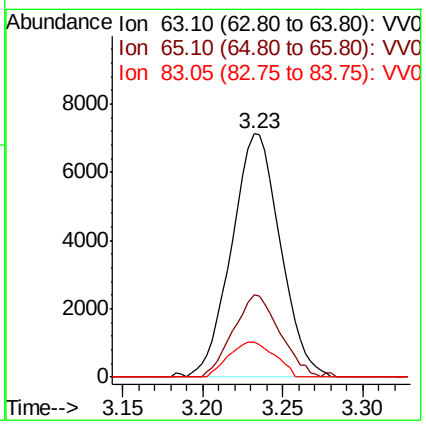


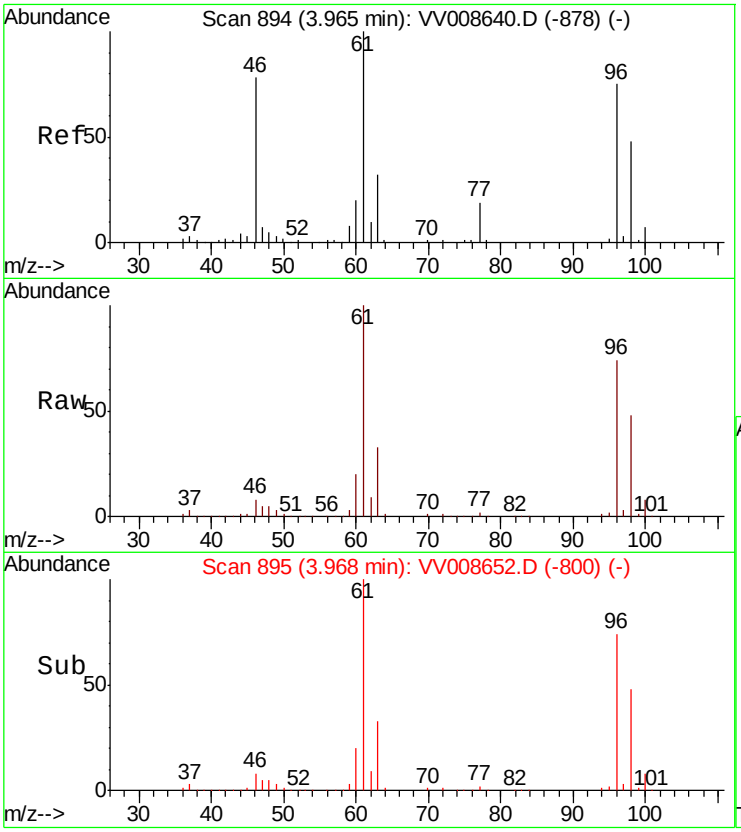


#19
1,1-Dichloroethane
Concen: 0.785 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV008652.D
Acq: 19 Nov 2018 15:41

Tgt Ion: 63 Resp: 14828

Ion	Ratio	Lower	Upper
63	100		
65	33.9	23.2	43.0
83	14.5	9.5	17.7



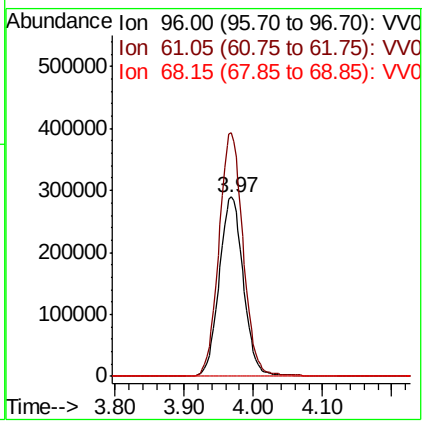


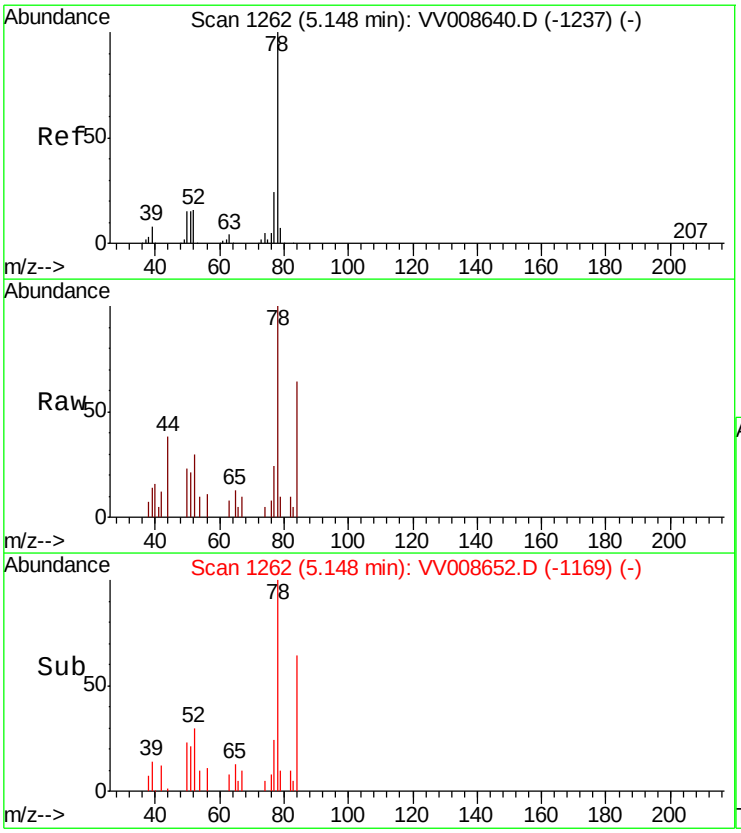
#22
cis-1,2-Dichloroethene
Concen: 62.718 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV008652.D
Acq: 19 Nov 2018 15:41

Instrument :
MSVOA_V
ClientSampleId :
H0FK7

Tgt Ion: 96 Resp: 706217

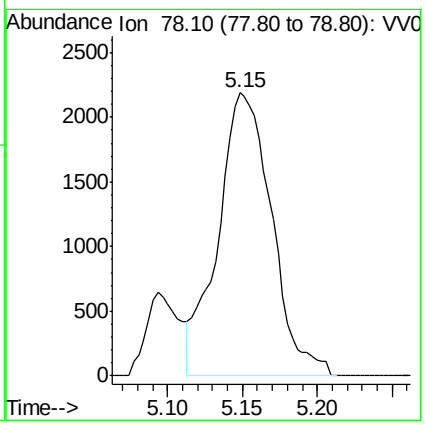
Ion	Ratio	Lower	Upper
96	100		
61	135.6	93.2	173.2
68	0.0	0.0	0.0

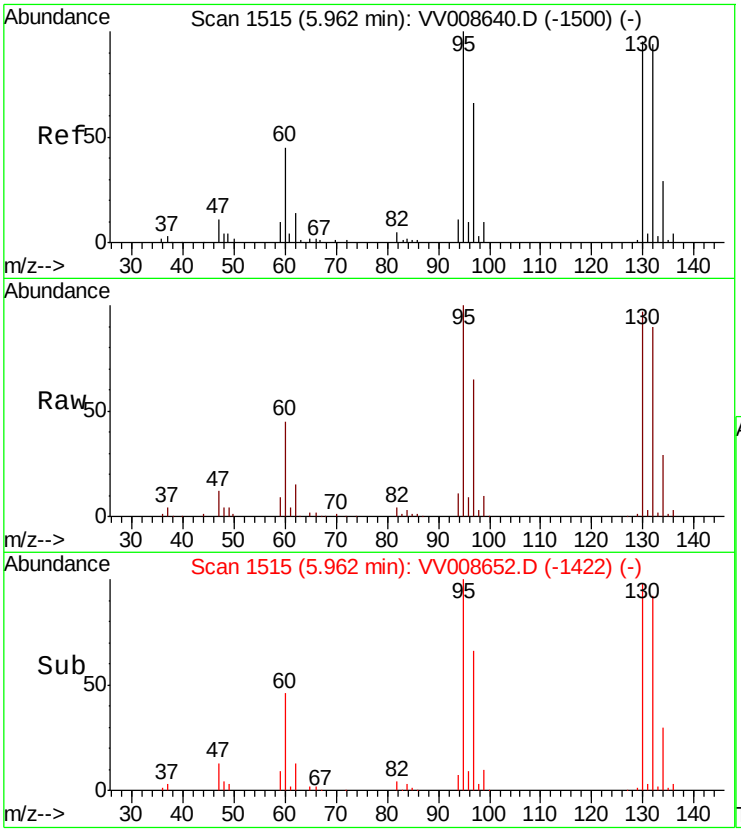




#33
Benzene
Concen: 0.128 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV008652.D
Acq: 19 Nov 2018 15:41

Tgt Ion: 78 Resp: 5468

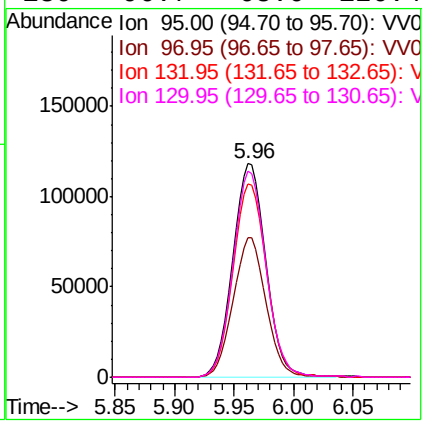




#34
Trichloroethene
Concen: 20.282 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008652.D
Acq: 19 Nov 2018 15:41

Tgt Ion: 95 Resp: 228284

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.1	83.7
132	90.3	66.3	123.1
130	96.7	68.0	126.4



Instrument :
MSVOA_V
ClientSampleId :
H0FK7