Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Data File : VV013334.D
Acq On : 24 Oct 2019 23:43
Operator : SY/MD
Sample : K5462-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G17

Quant Time: Oct 25 05:50:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	428154	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	463052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	238482	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	147533	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.58	69	127548	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.13	63	175241	3.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.40%			
20) 2-Butanone-d5	3.96	46	385763	63.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.28%			
24) Chloroform-d	4.40	84	325378	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	5.08	65	156553	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	5.10	84	667907	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.12	67	209135	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.36	98	554730	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
43) trans-1,3-Dichloropropene-	7.66	79	60547	3.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.00%			
46) 2-Hexanone-d5	8.13	63	222599	36.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.18%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140450	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	230990	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	147465	3.569	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	2661961	34.145	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	181226	4.567	ug/L	90
19) 1,1-Dichloroethane	3.23	63	78668	1.220	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	1750093	41.203	ug/L #	92
33) Benzene	5.14	78	35096	0.198	ug/L	100
34) Trichloroethene	5.96	95	782516	16.493	ug/L	97

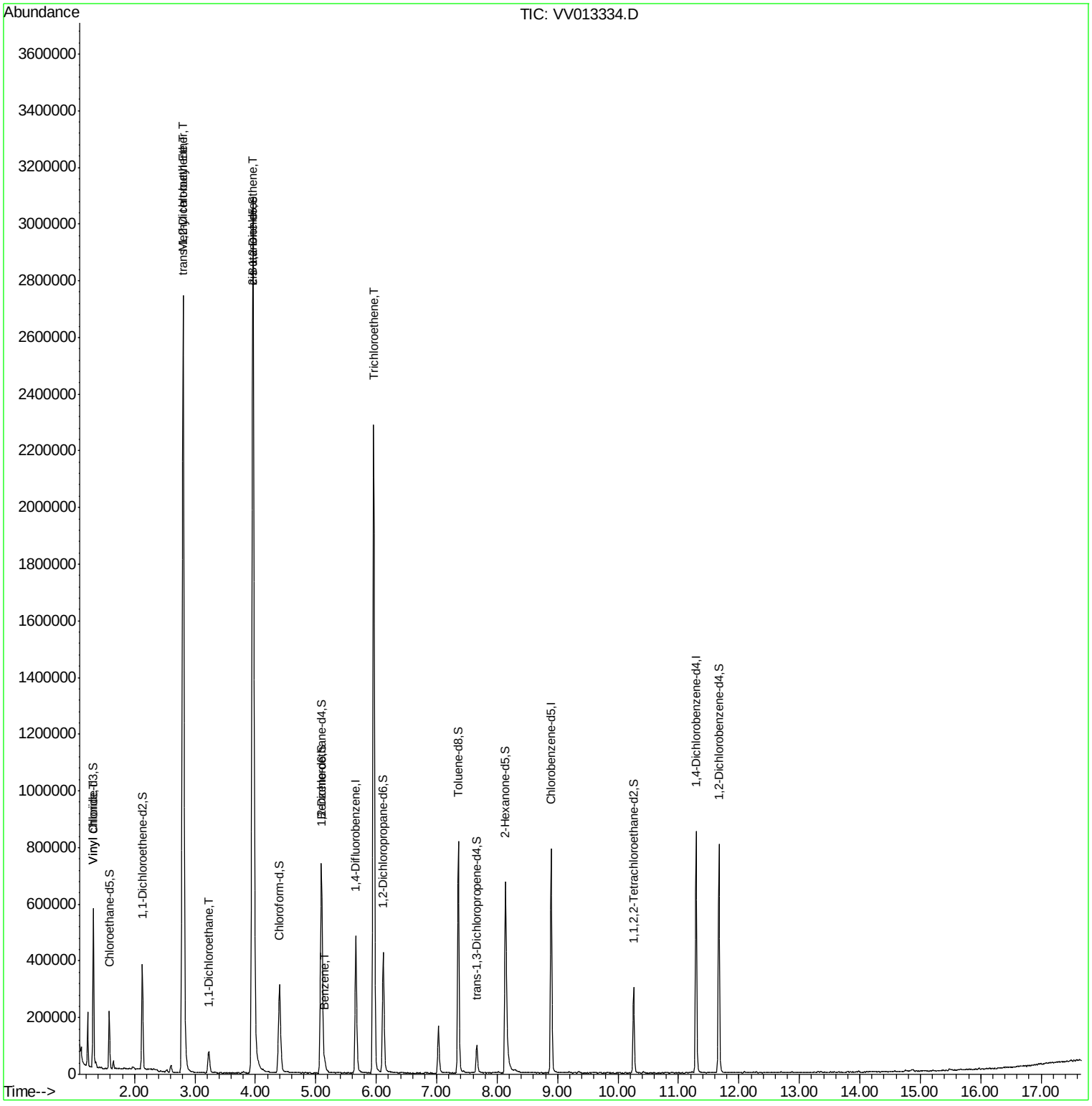
(#) = qualifier out of range (m) = manual integration (+) = signals summed

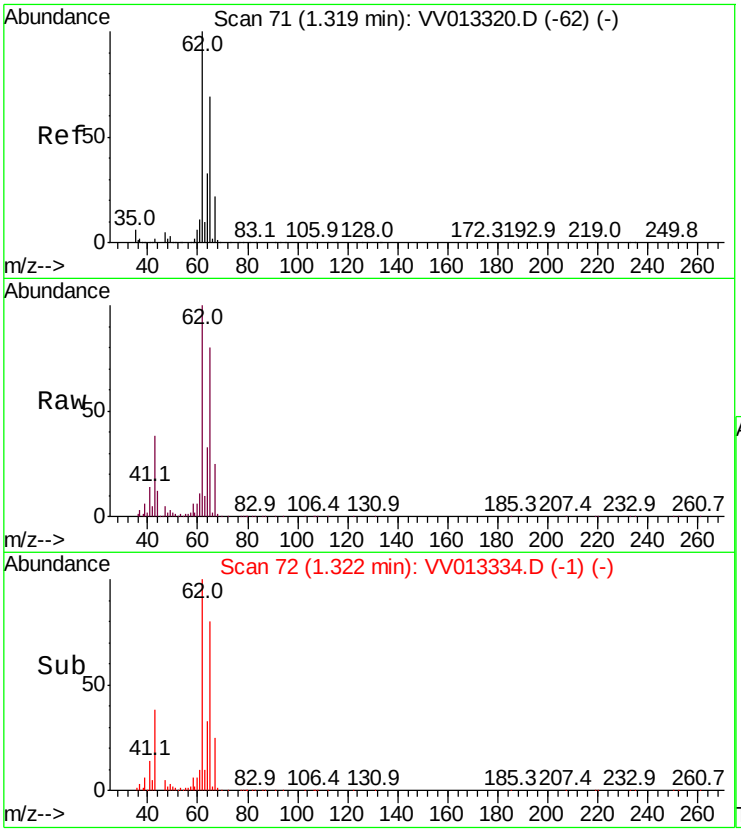
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
Data File : VV013334.D
Acq On : 24 Oct 2019 23:43
Operator : SY/MD
Sample : K5462-19
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G17

Quant Time: Oct 25 05:50:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration



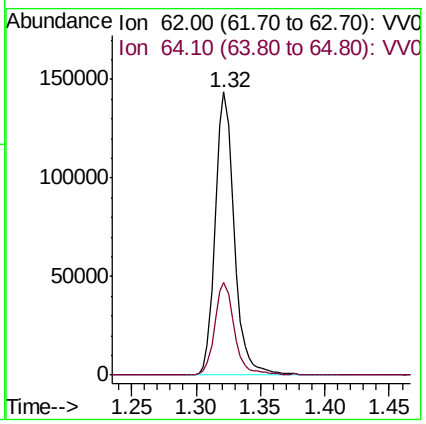


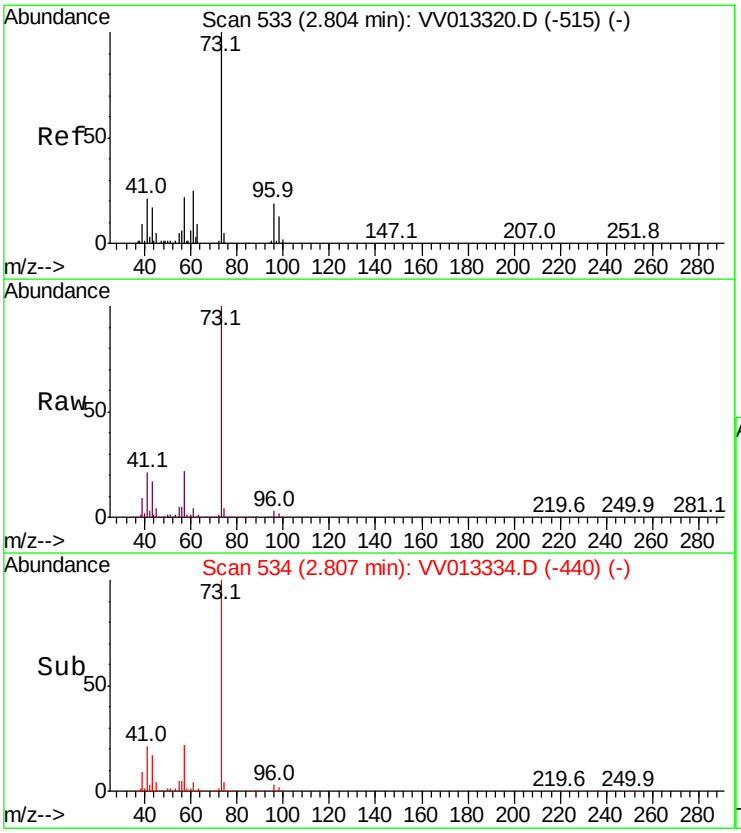
#5
Vinyl chloride
Concen: 3.569 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013334.D
Acq: 24 Oct 2019 23:43

Instrument : MSVOA_V
ClientSampleId : H0G17

Tgt Ion: 62 Resp: 147465

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.9	42.5

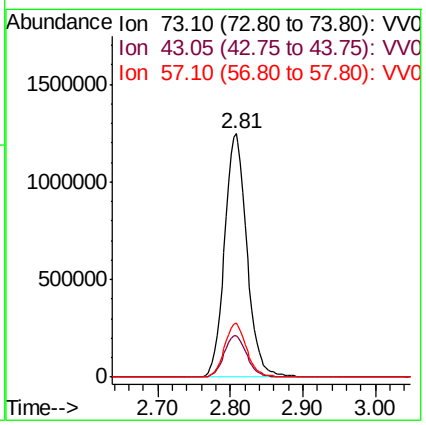


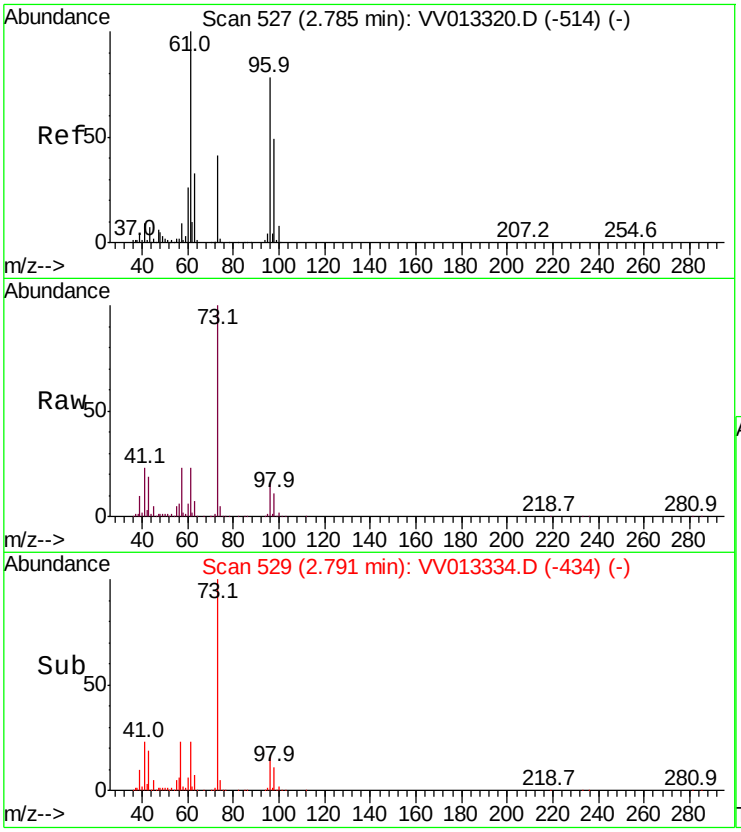


#17
Methyl tert-butyl Ether
Concen: 34.145 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013334.D
Acq: 24 Oct 2019 23:43

Tgt Ion: 73 Resp: 2661961

Ion	Ratio	Lower	Upper
73	100		
43	17.4	13.1	19.7
57	22.0	16.4	24.6



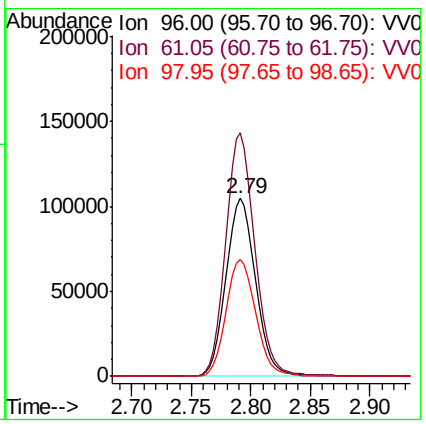


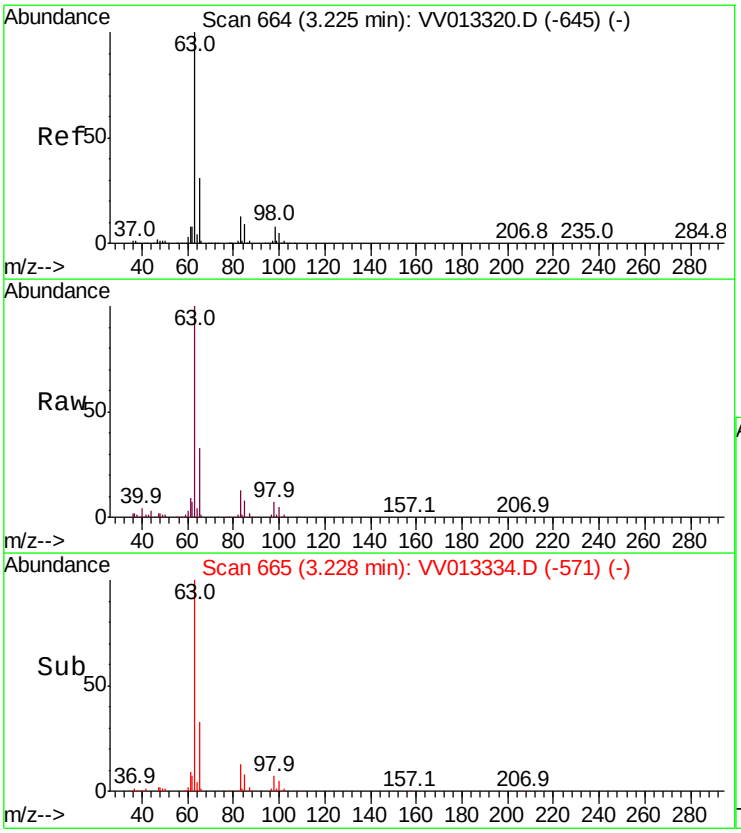
#18
trans-1,2-Dichloroethene
Concen: 4.567 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.01 min
Lab File: VV013334.D
Acq: 24 Oct 2019 23:43

Instrument :
MSVOA_V
ClientSampleId :
H0G17

Tgt Ion: 96 Resp: 181226

Ion	Ratio	Lower	Upper
96	100		
61	136.8	84.4	156.8
98	65.5	44.4	82.4

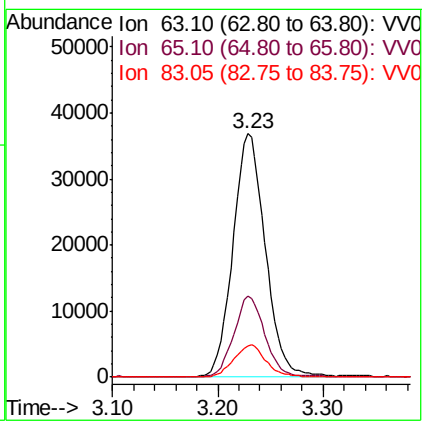


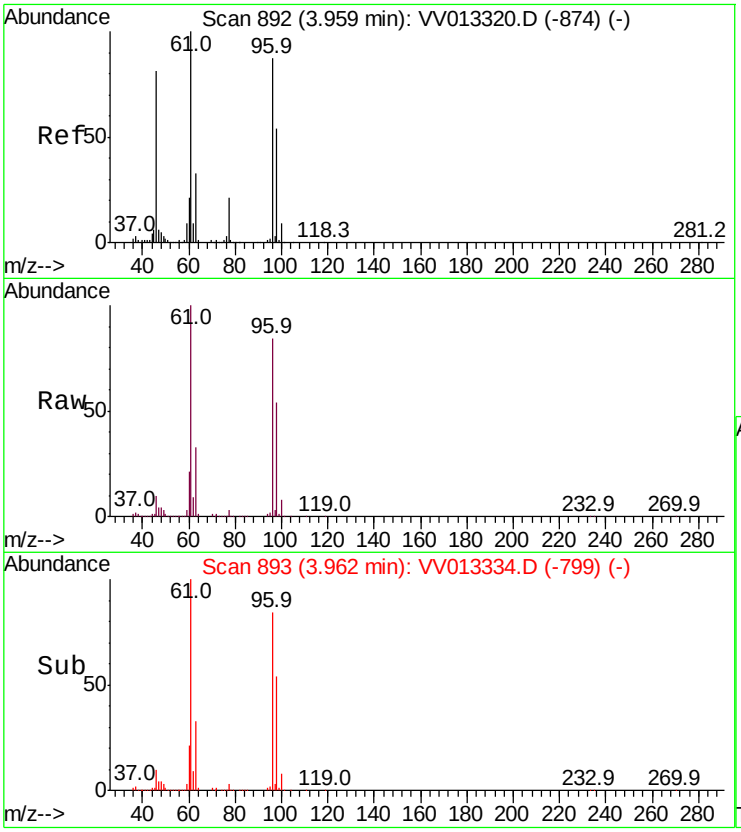


#19
1,1-Dichloroethane
Concen: 1.220 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013334.D
Acq: 24 Oct 2019 23:43

Tgt Ion: 63 Resp: 78668

Ion	Ratio	Lower	Upper
63	100		
65	33.1	23.0	42.8
83	12.5	10.2	19.0



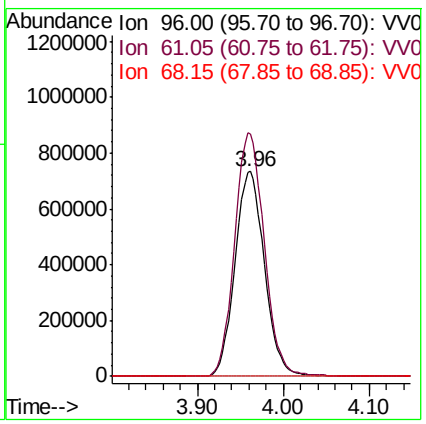


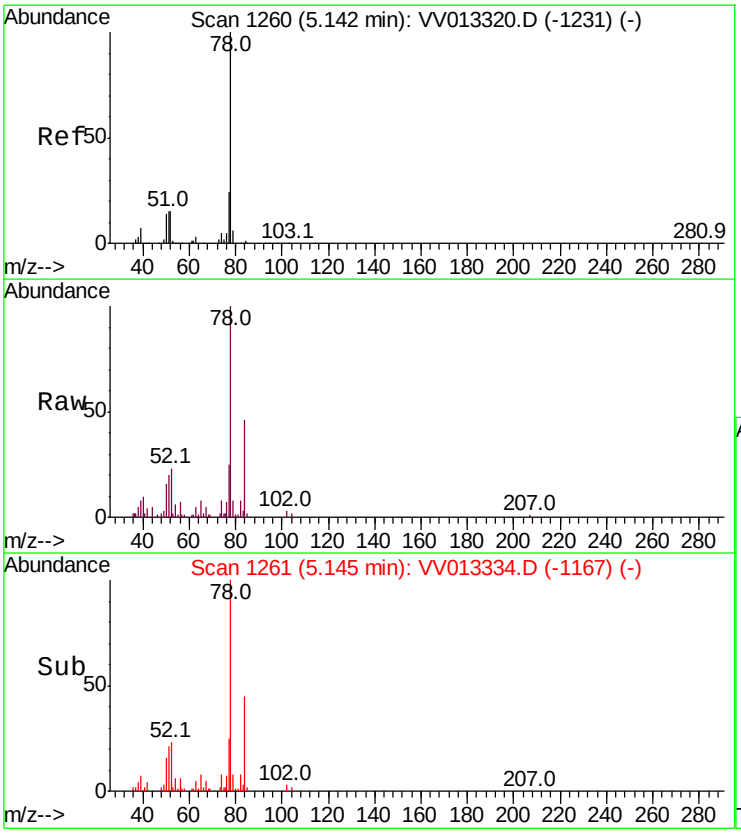
#22
cis-1,2-Dichloroethene
Concen: 41.203 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013334.D
Acq: 24 Oct 2019 23:43

Instrument :
MSVOA_V
ClientSampleId :
H0G17

Tgt Ion: 96 Resp: 1750093

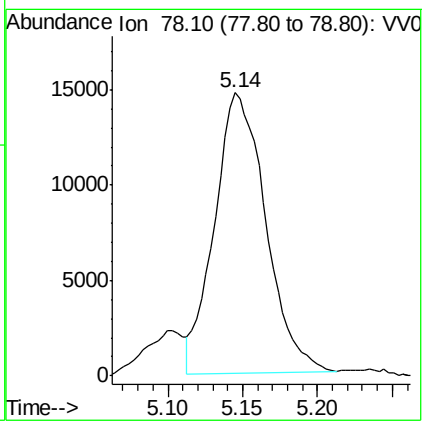
Ion	Ratio	Lower	Upper
96	100		
61	118.6	77.3	143.7
68	0.0	0.1	0.1#

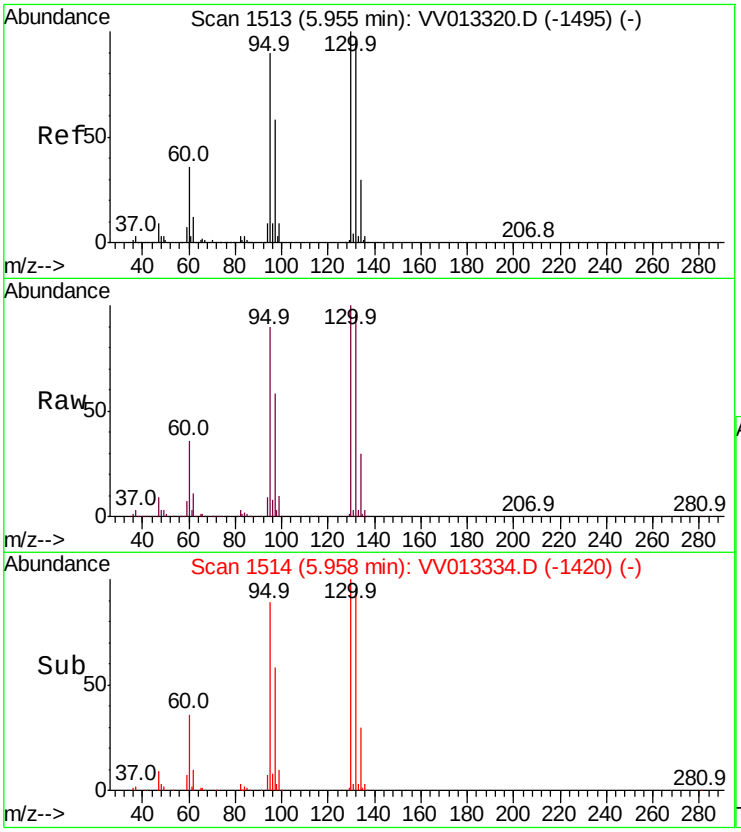




#33
Benzene
Concen: 0.198 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013334.D
Acq: 24 Oct 2019 23:43

Tgt Ion: 78 Resp: 35096

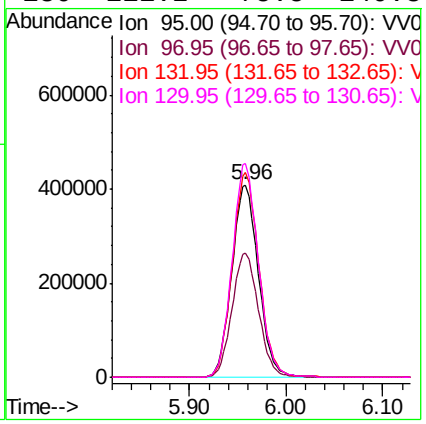




#34
Trichloroethene
Concen: 16.493 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013334.D
Acq: 24 Oct 2019 23:43

Tgt Ion: 95 Resp: 782516

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.2	84.0
132	106.9	70.6	131.2
130	111.2	75.5	140.3



Instrument :
MSVOA_V
ClientSampleId :
H0G17