Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013261.D
Acq On : 21 Oct 2019 22:58
Operator : SY/MD
Sample : K5462-04
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G38

Quant Time: Oct 22 04:46:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	453461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	480768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	248154	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	176794	5.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.80%			
7) Chloroethane-d5	1.58	69	144648	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.13	63	218139	3.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.40%			
20) 2-Butanone-d5	3.97	46	383802	59.78	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.56%			
24) Chloroform-d	4.40	84	382388	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.08	65	182351	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.10	84	777540	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.12	67	238560	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.36	98	653667	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	7.66	79	76661	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.14	63	277057	43.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.72%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	157751	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	257858	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	731010	16.704	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	51546	0.624	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	224192	5.334	ug/L	92
19) 1,1-Dichloroethane	3.23	63	14677	0.215	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	686868	15.269	ug/L #	86
33) Benzene	5.15	78	12591	0.069	ug/L	100
34) Trichloroethene	5.96	95	16313	0.331	ug/L	98
42) Toluene	7.43	91	12262	0.064	ug/L	99

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

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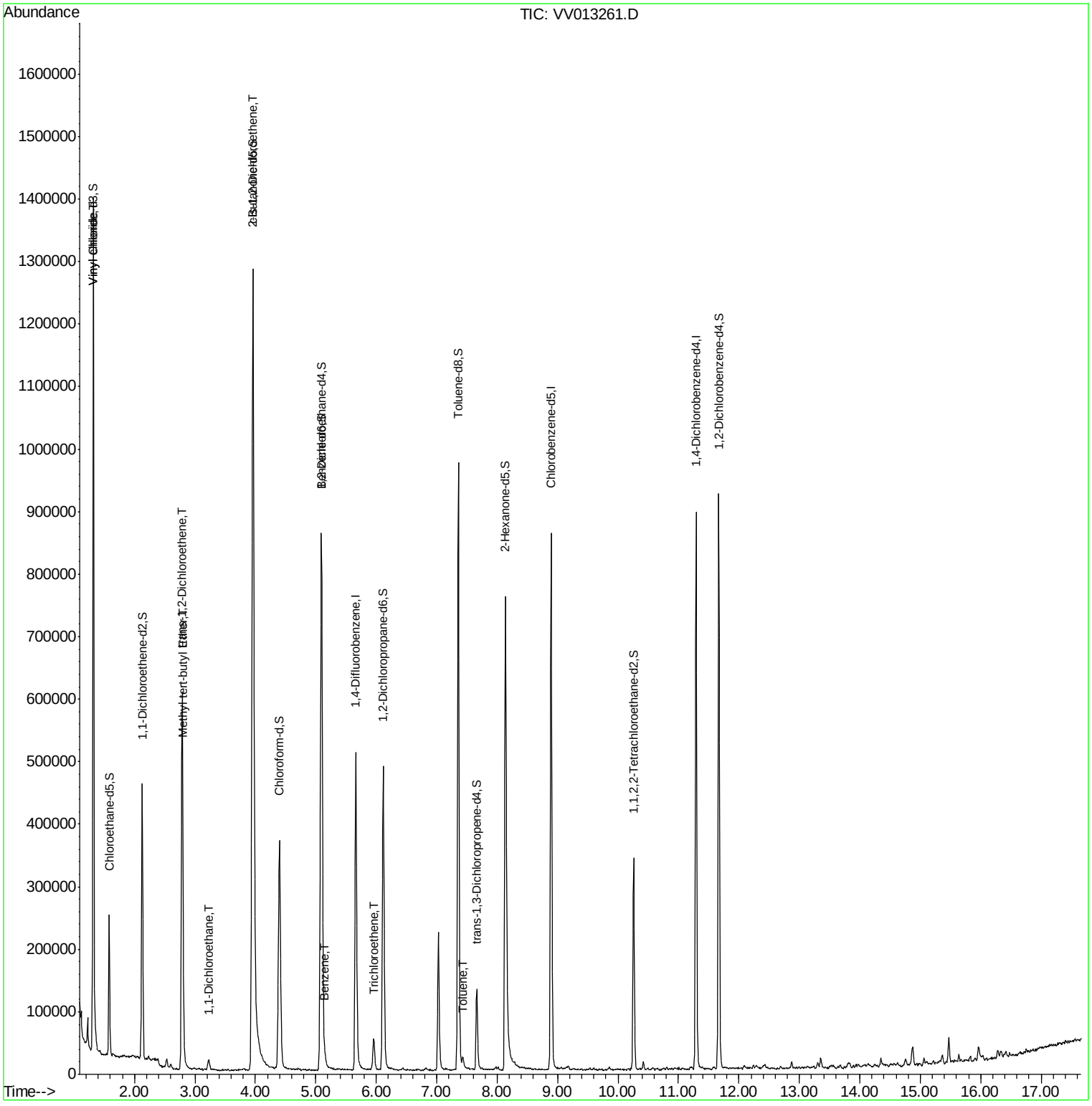
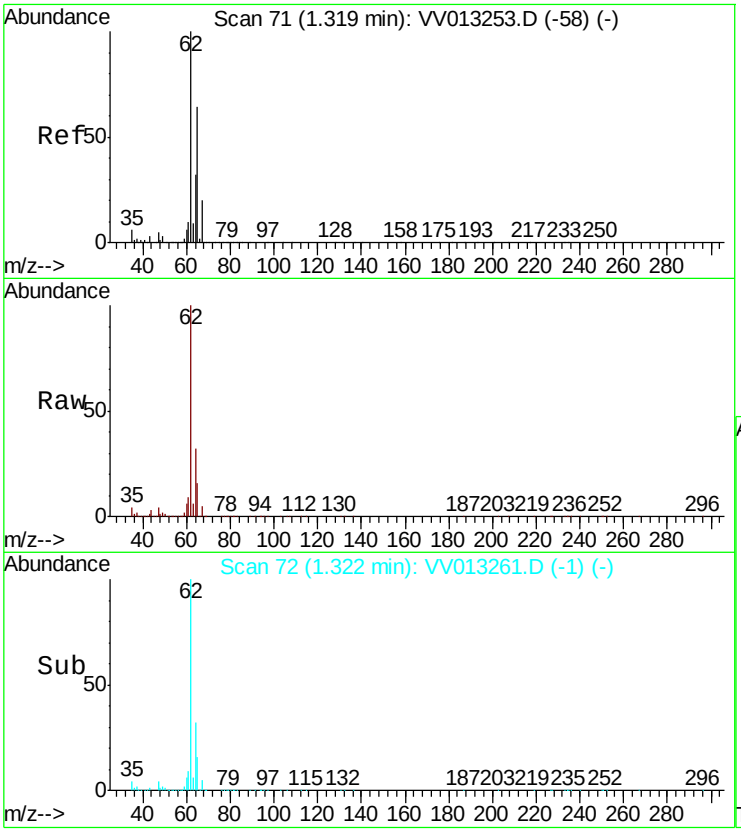


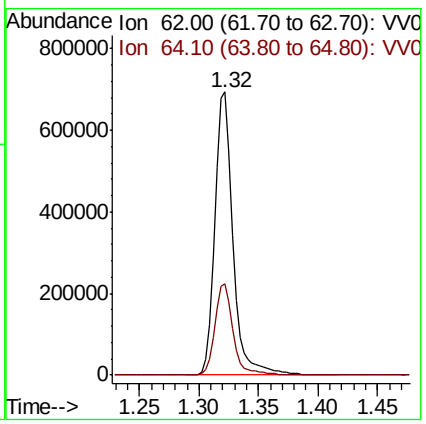


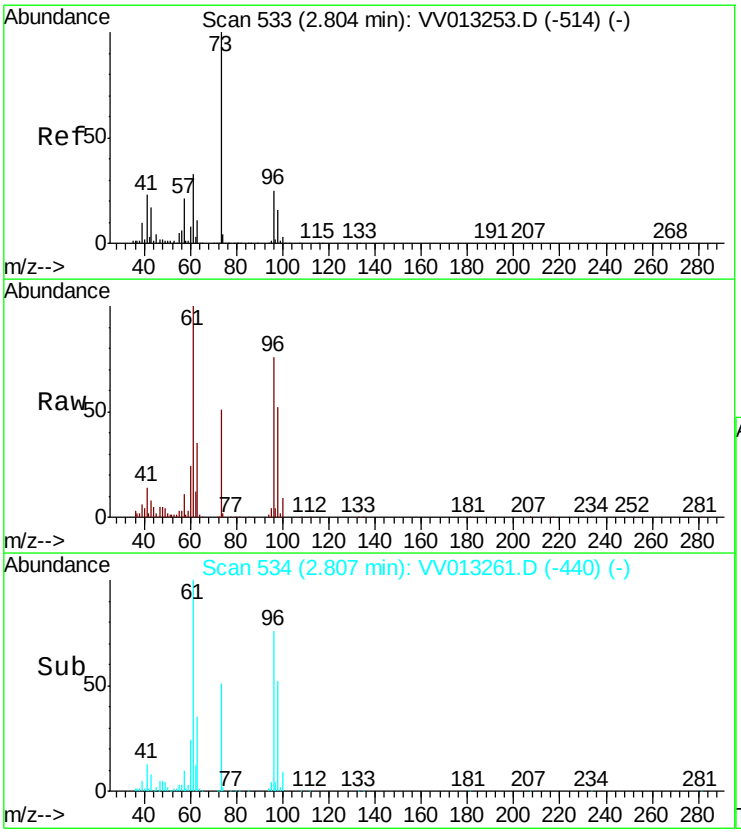
#5
Vinyl chloride
Concen: 16.704 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Instrument :
MSVOA_V
ClientSampleId :
H0G38

Tgt Ion: 62 Resp: 731010

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.9	42.5

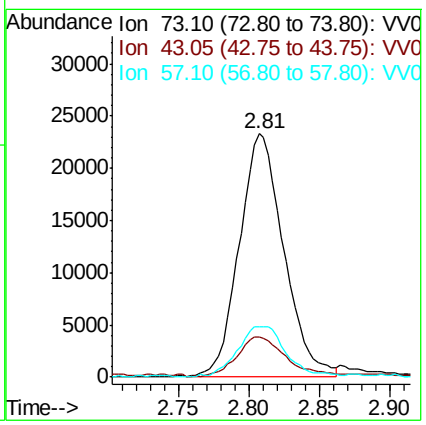


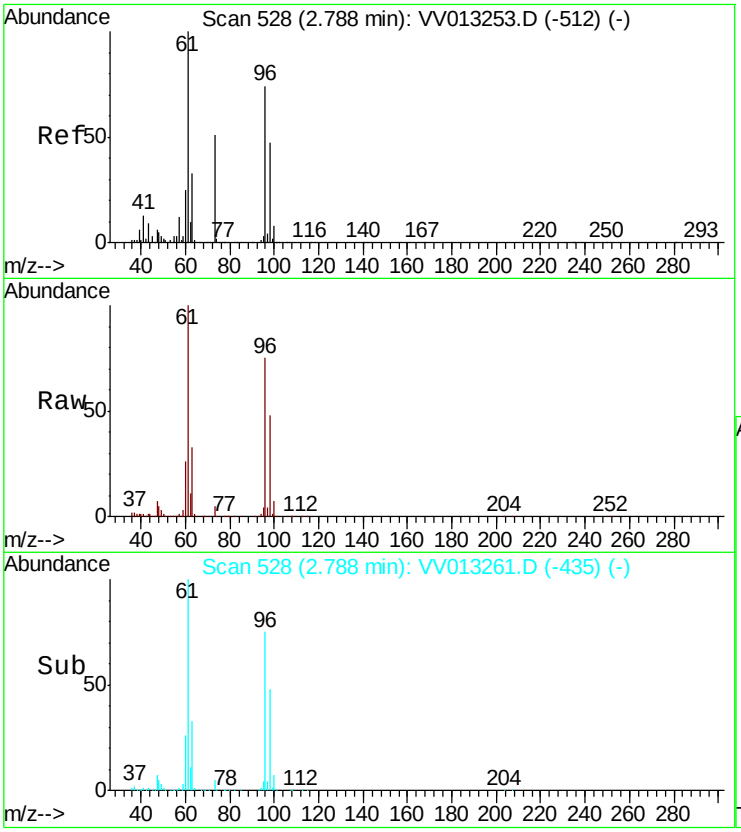


#17
Methyl tert-butyl Ether
Concen: 0.624 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Tgt Ion: 73 Resp: 51546

Ion	Ratio	Lower	Upper
73	100		
43	18.9	13.1	19.7
57	22.8	16.4	24.6



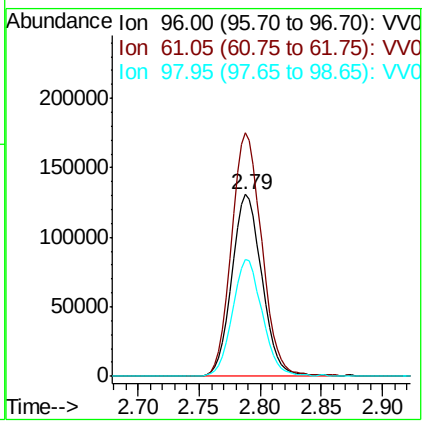


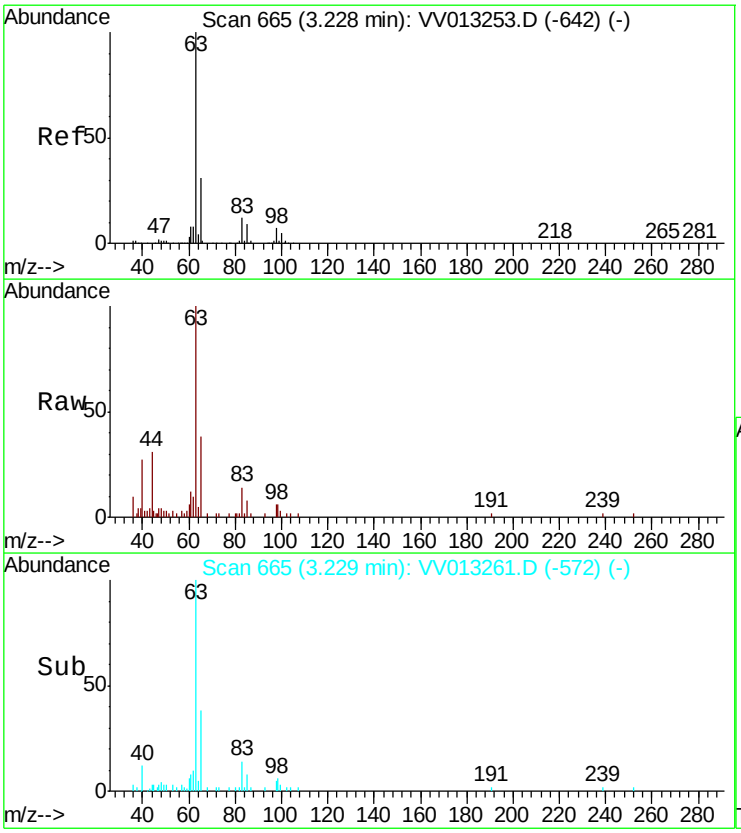
#18
trans-1,2-Dichloroethene
Concen: 5.334 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Instrument : MSVOA_V
ClientSampleId : H0G38

Tgt Ion: 96 Resp: 224192

Ion	Ratio	Lower	Upper
96	100		
61	133.9	84.4	156.8
98	64.3	44.4	82.4

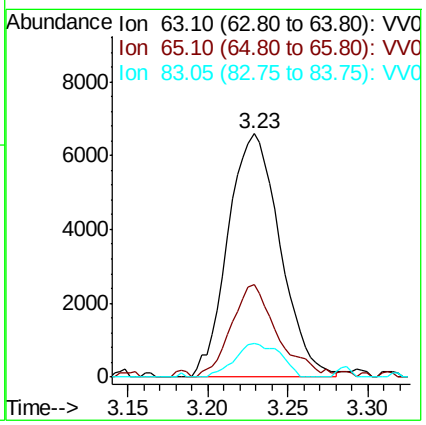


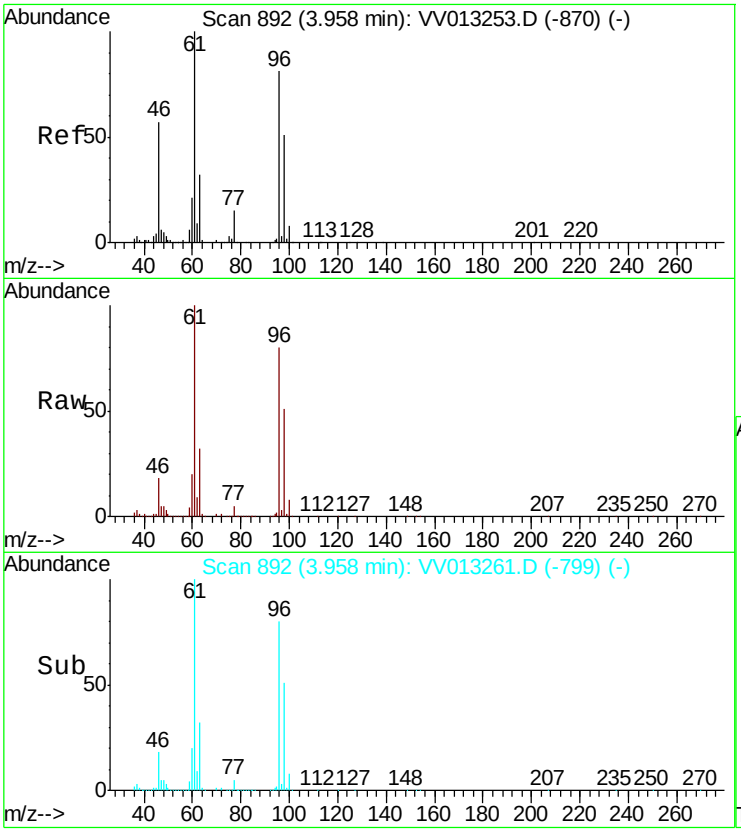


#19
1,1-Dichloroethane
Concen: 0.215 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Tgt Ion: 63 Resp: 14677

Ion	Ratio	Lower	Upper
63	100		
65	37.8	23.0	42.8
83	14.0	10.2	19.0



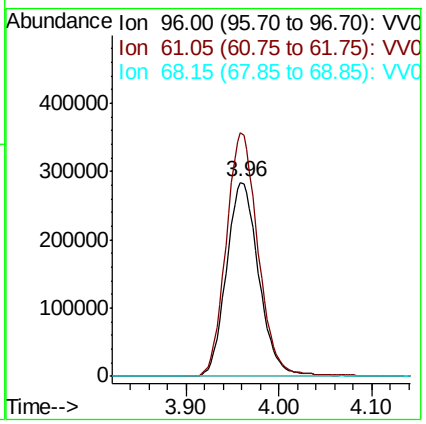


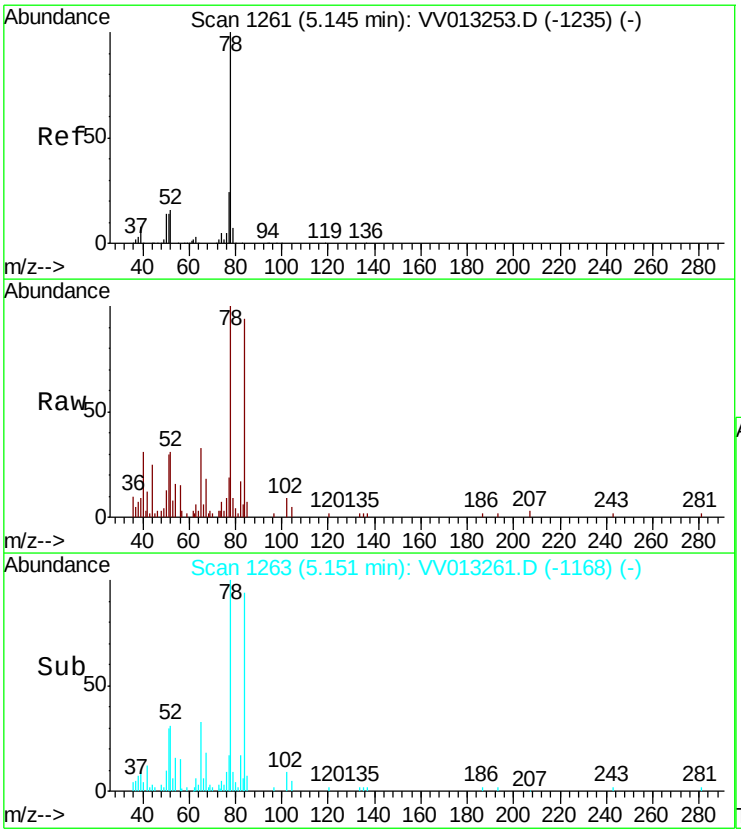
#22
cis-1,2-Dichloroethene
Concen: 15.269 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Instrument :
MSVOA_V
ClientSampleId :
H0G38

Tgt Ion: 96 Resp: 686868

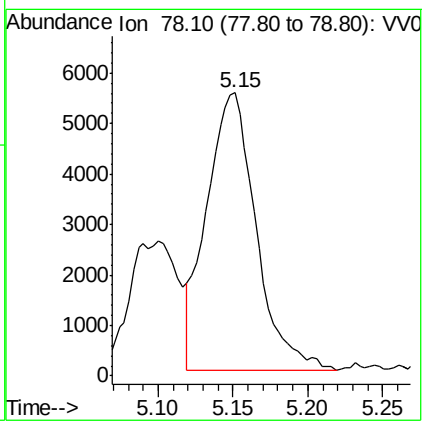
Ion	Ratio	Lower	Upper
96	100		
61	125.5	77.3	143.7
68	0.0	0.1	0.1#

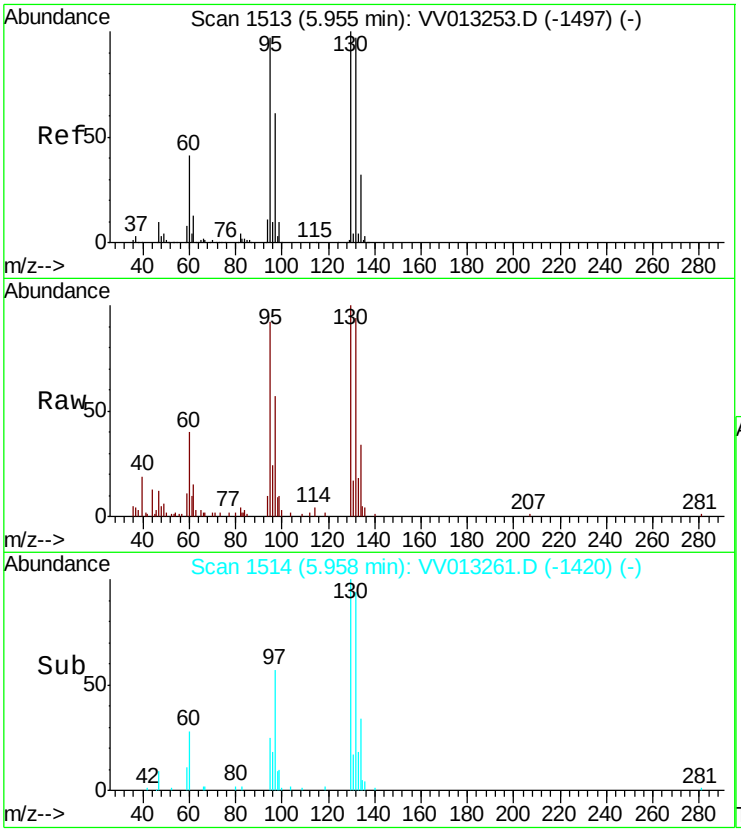




#33
Benzene
Concen: 0.069 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Tgt Ion: 78 Resp: 12591



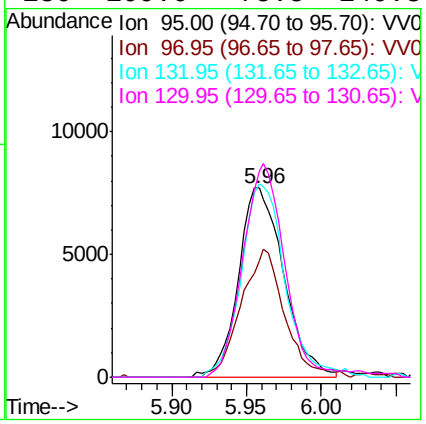


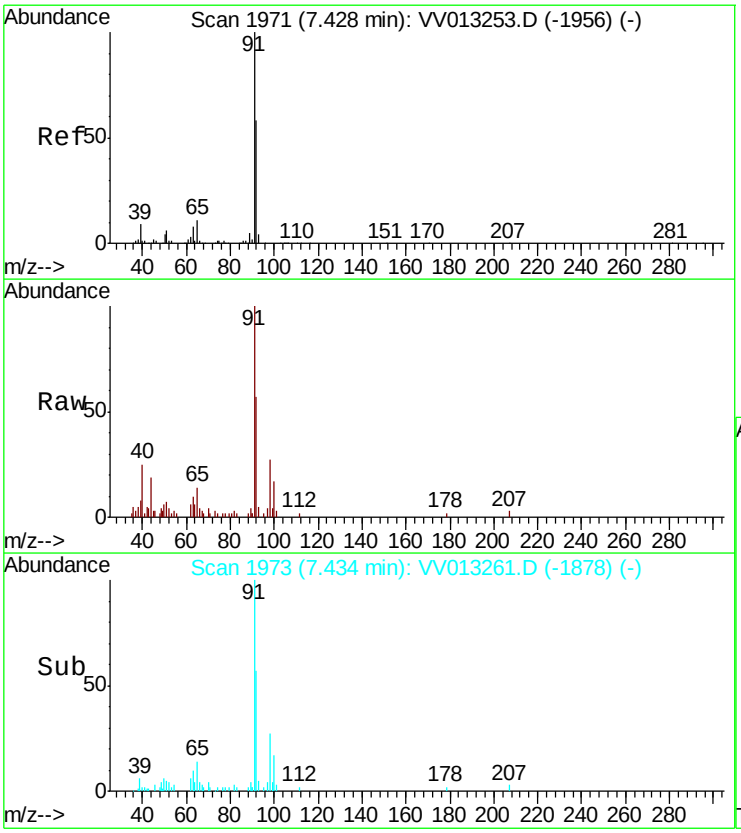
#34
Trichloroethene
Concen: 0.331 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Instrument : MSVOA_V
ClientSampleId : H0G38

Tgt Ion: 95 Resp: 16313

Ion	Ratio	Lower	Upper
95	100		
97	61.6	45.2	84.0
132	102.3	70.6	131.2
130	109.0	75.5	140.3





#42
Toluene
Concen: 0.064 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013261.D
Acq: 21 Oct 2019 22:58

Tgt Ion: 91 Resp: 12262

Ion	Ratio	Lower	Upper
91	100		
92	56.9	40.5	75.1