Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\
Data File : VV013263.D
Acq On : 21 Oct 2019 23:46
Operator : SY/MD
Sample : K5462-09
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G77

Quant Time: Oct 22 04:52:50 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	432060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	472271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	242756	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	179206	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	1.58	69	144350	5.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.80%			
11) 1,1-Dichloroethene-d2	2.13	63	219137	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	3.96	46	462642	75.63	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 151.26%#			
24) Chloroform-d	4.40	84	384597	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.08	65	187844	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.20%			
32) Benzene-d6	5.10	84	790177	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.12	67	240583	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.36	98	657453	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	7.66	79	79869	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.14	63	303682	48.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.88%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	166043	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	256476	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1917493	45.987	ug/L	100
16) Methylene chloride	2.53	84	6268	0.123	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	602856	7.663	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	712557	17.793	ug/L	92
19) 1,1-Dichloroethane	3.23	63	74680	1.147	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	6758130	157.671	ug/L #	88
33) Benzene	5.14	78	57123	0.317	ug/L	100
34) Trichloroethene	5.96	95	36463	0.754	ug/L	99

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

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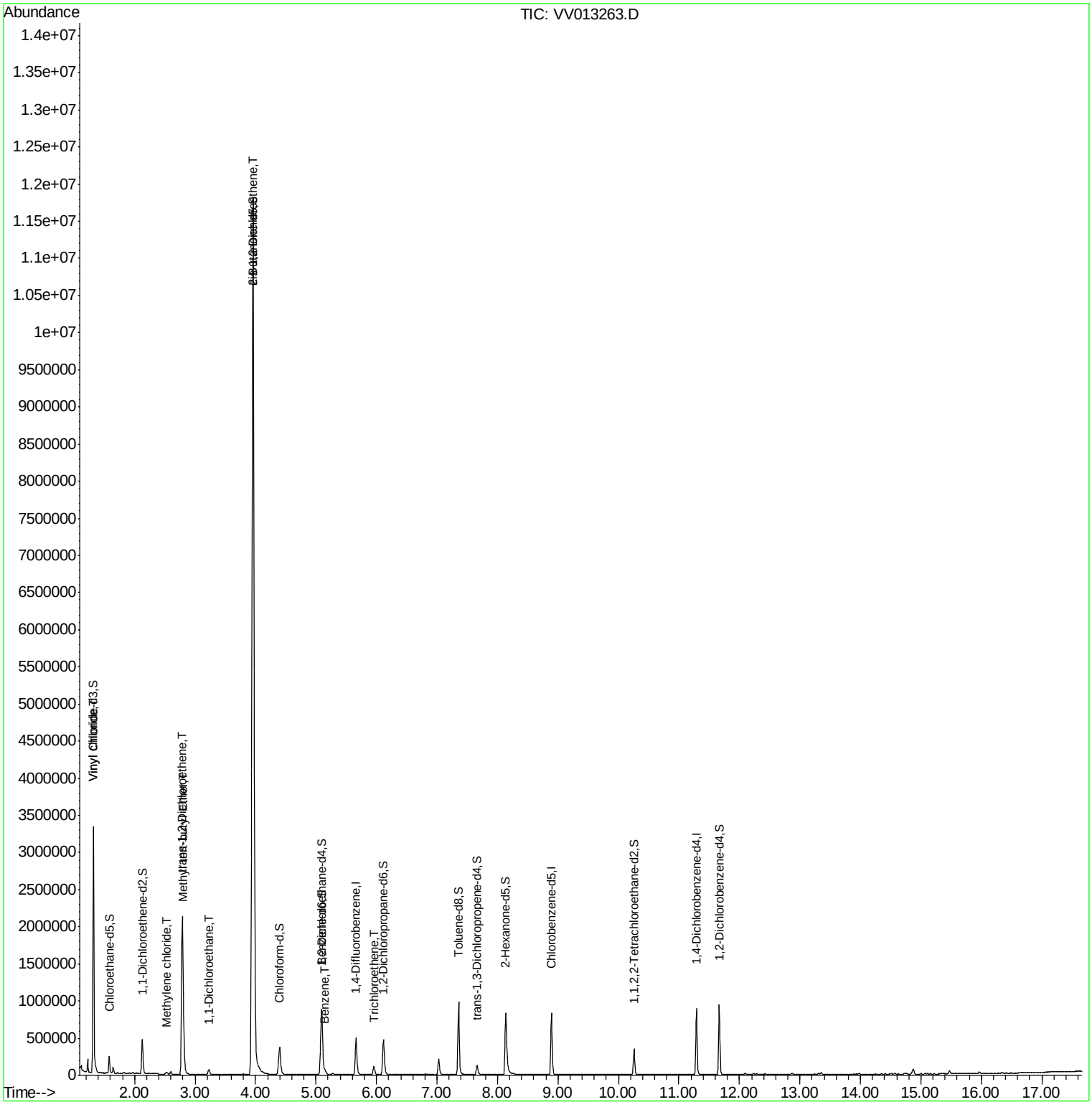
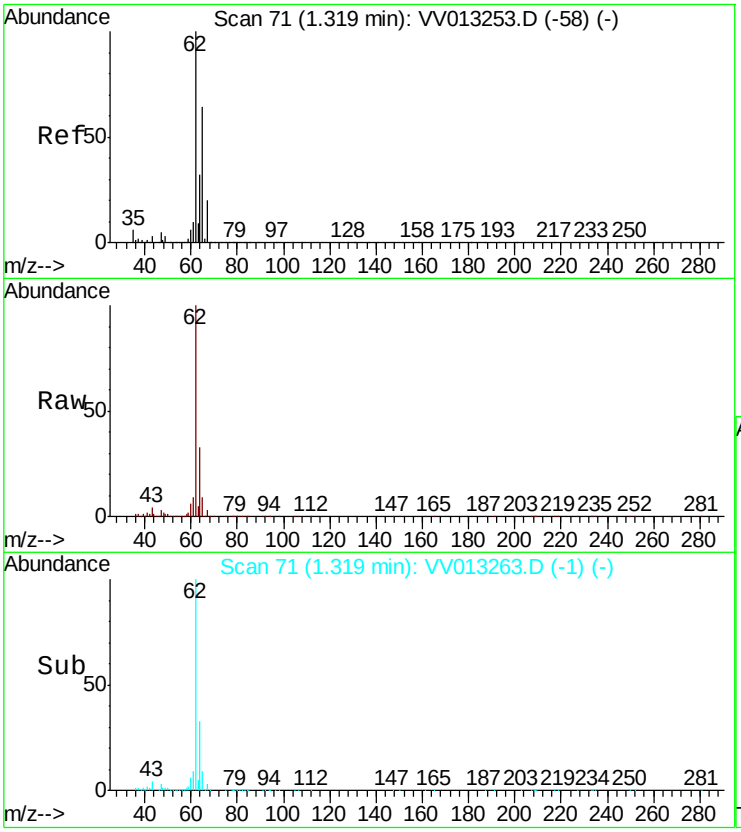


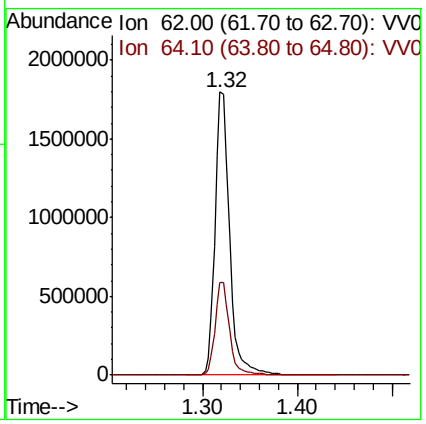


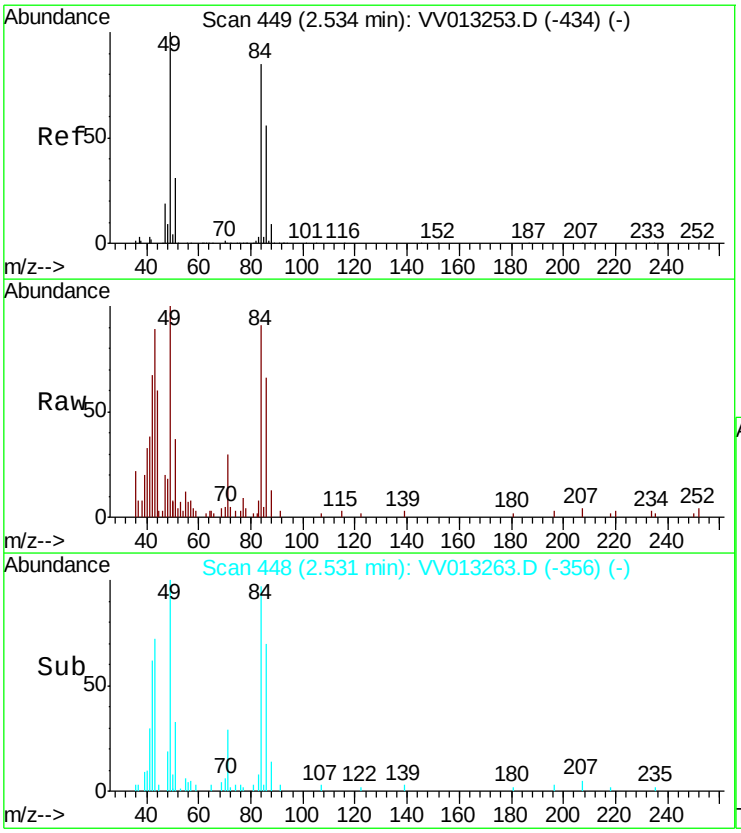
#5
Vinyl chloride
Concen: 45.987 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Instrument :
MSVOA_V
ClientSampleId :
H0G77

Tgt Ion: 62 Resp: 1917493

Ion	Ratio	Lower	Upper
62	100		
64	32.8	22.9	42.5

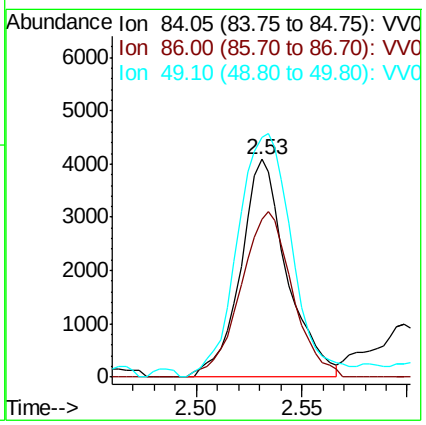


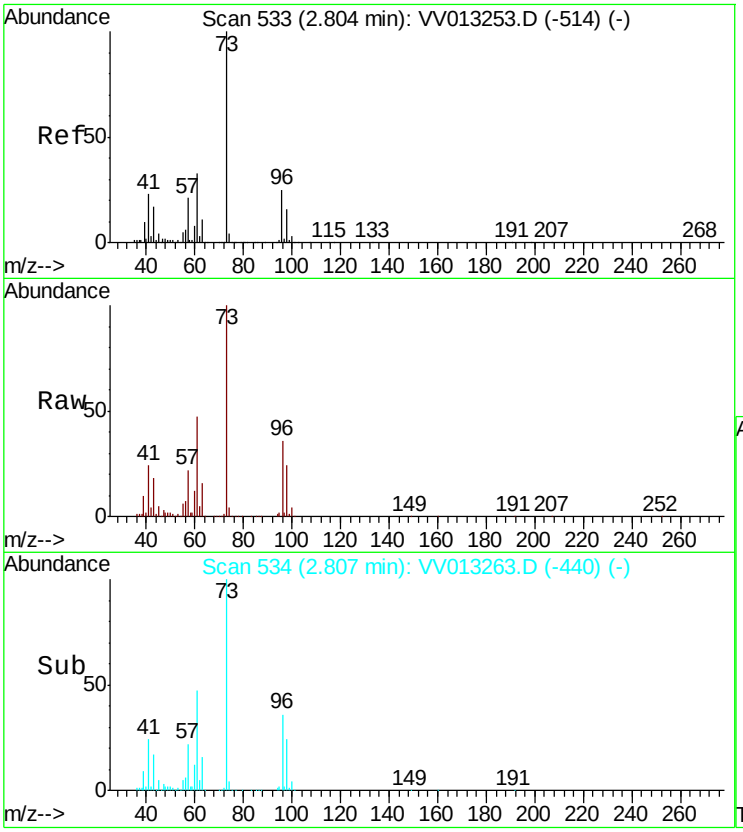


#16
Methylene chloride
Concen: 0.123 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Tgt Ion: 84 Resp: 6268

Ion	Ratio	Lower	Upper
84	100		
86	72.5	46.2	85.8
49	109.9	76.4	141.8



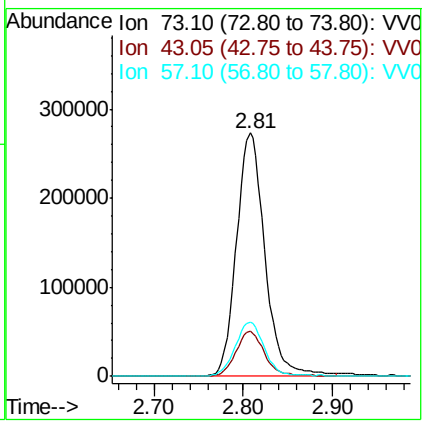


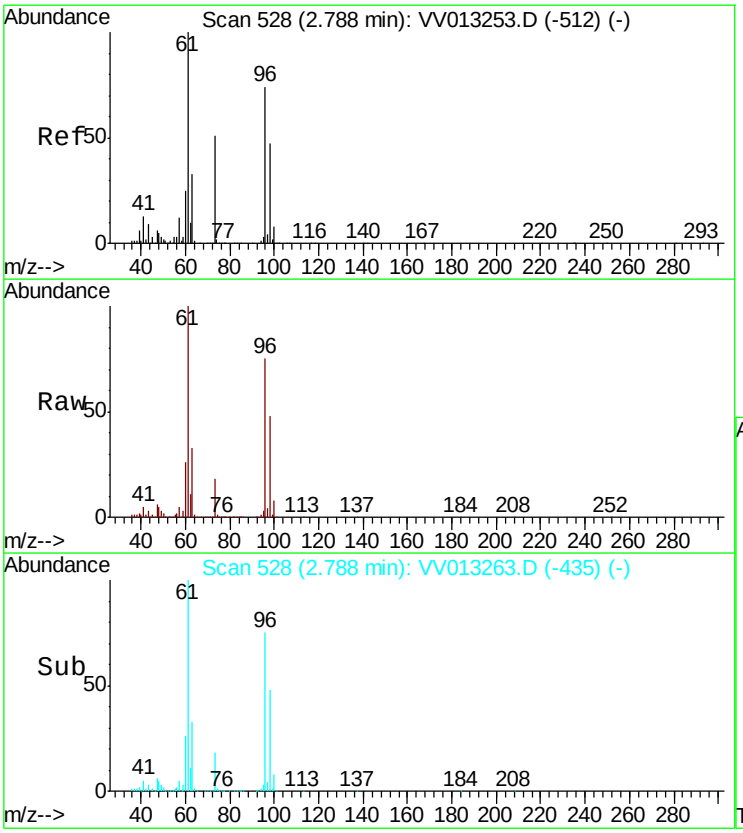
#17
Methyl tert-butyl Ether
Concen: 7.663 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Instrument :
MSVOA_V
ClientSampleId :
H0G77

Tgt Ion: 73 Resp: 602856

Ion	Ratio	Lower	Upper
73	100		
43	18.6	13.1	19.7
57	23.1	16.4	24.6

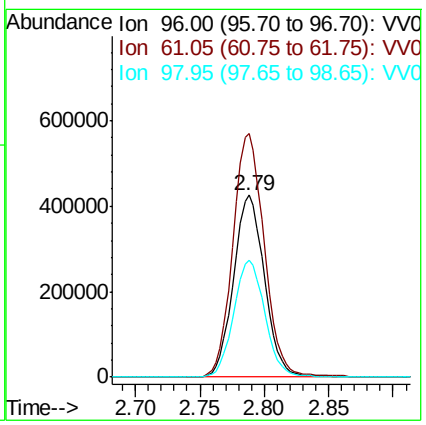


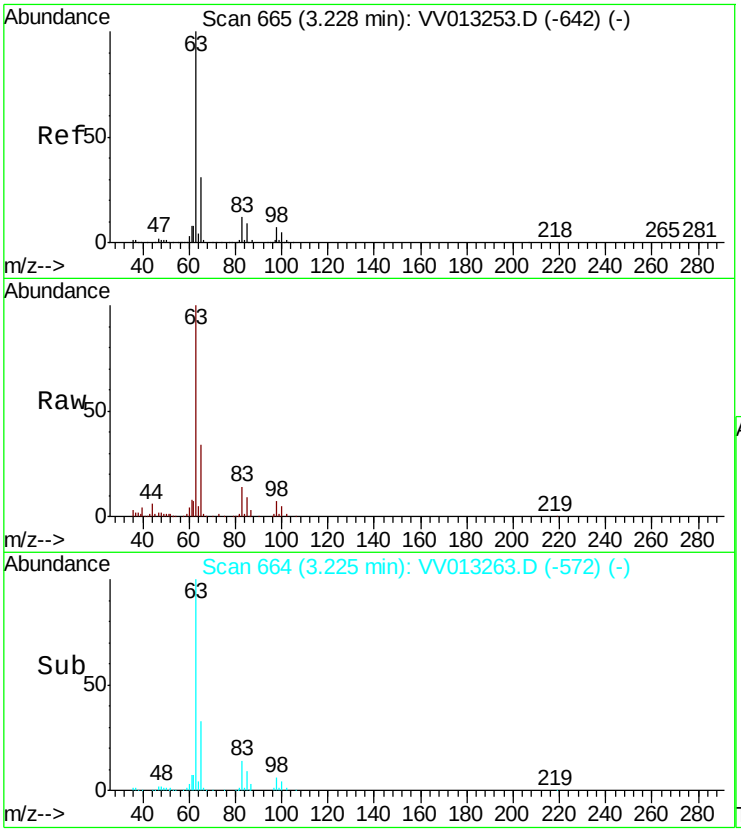


#18
trans-1,2-Dichloroethene
Concen: 17.793 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Tgt Ion: 96 Resp: 712557

Ion	Ratio	Lower	Upper
96	100		
61	133.7	84.4	156.8
98	64.4	44.4	82.4



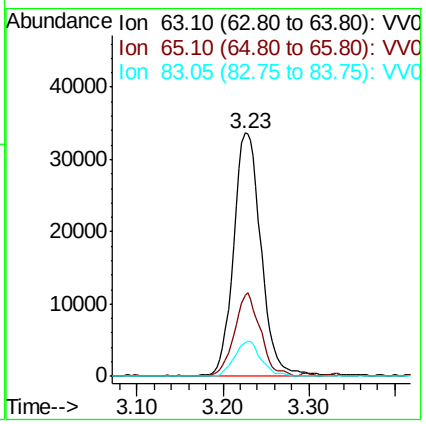


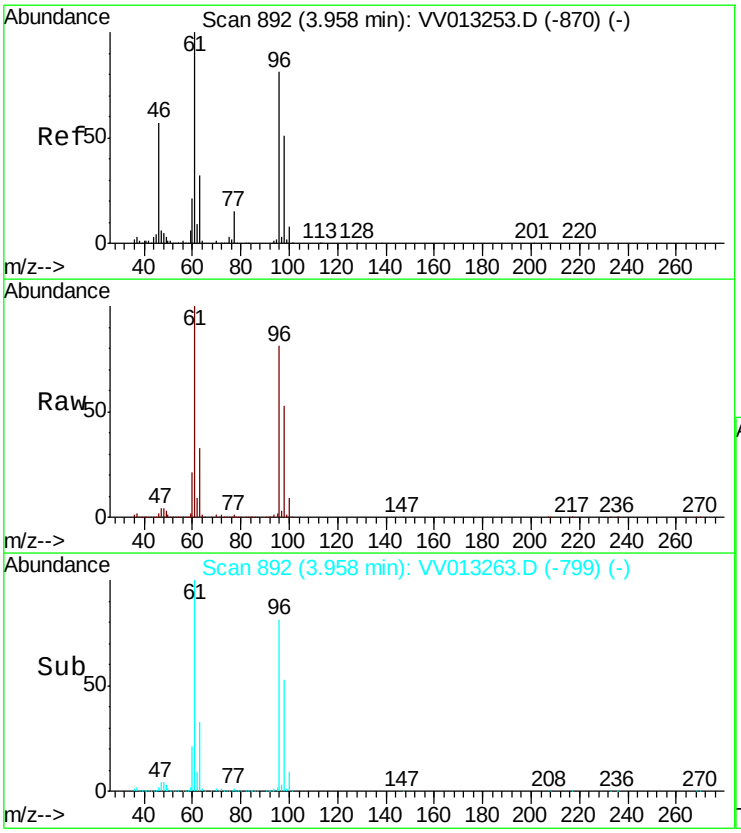
#19
1,1-Dichloroethane
Concen: 1.147 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Instrument : MSVOA_V
ClientSampleId : H0G77

Tgt Ion: 63 Resp: 74680

Ion	Ratio	Lower	Upper
63	100		
65	33.6	23.0	42.8
83	14.0	10.2	19.0

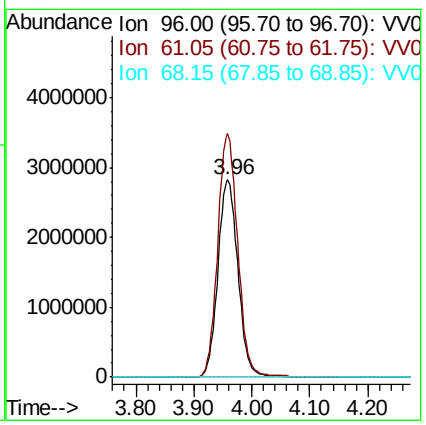


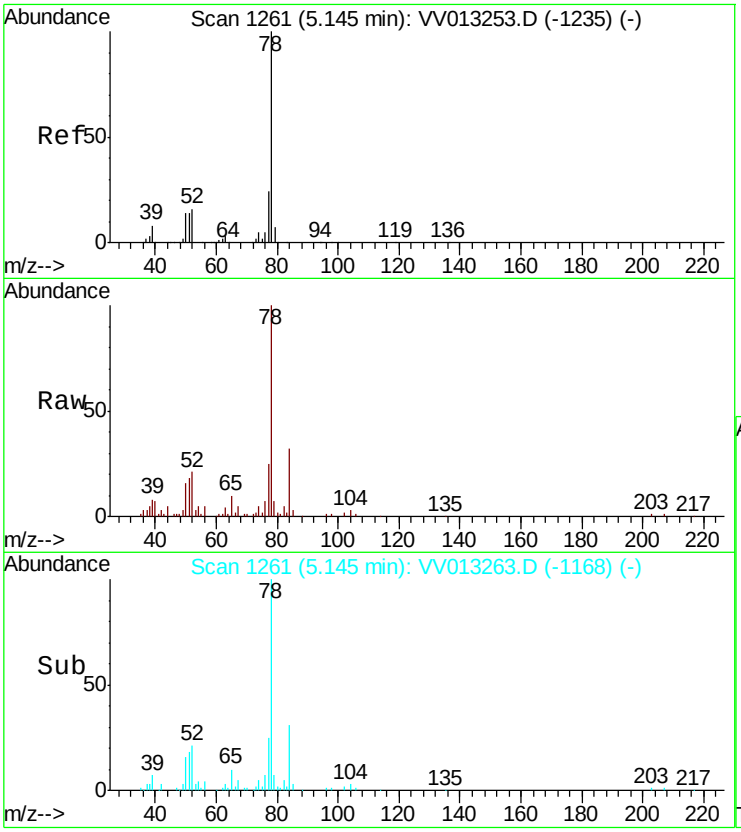


#22
cis-1,2-Dichloroethene
Concen: 157.671 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Tgt Ion: 96 Resp: 6758130

Ion	Ratio	Lower	Upper
96	100		
61	123.3	77.3	143.7
68	0.0	0.1	0.1#

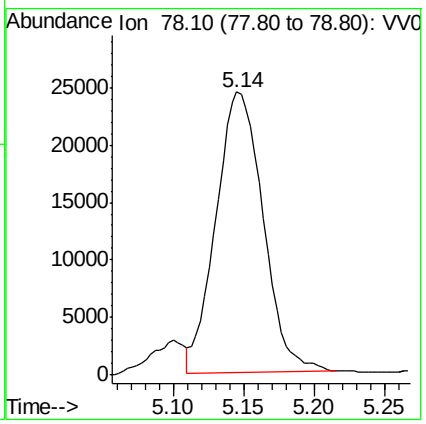


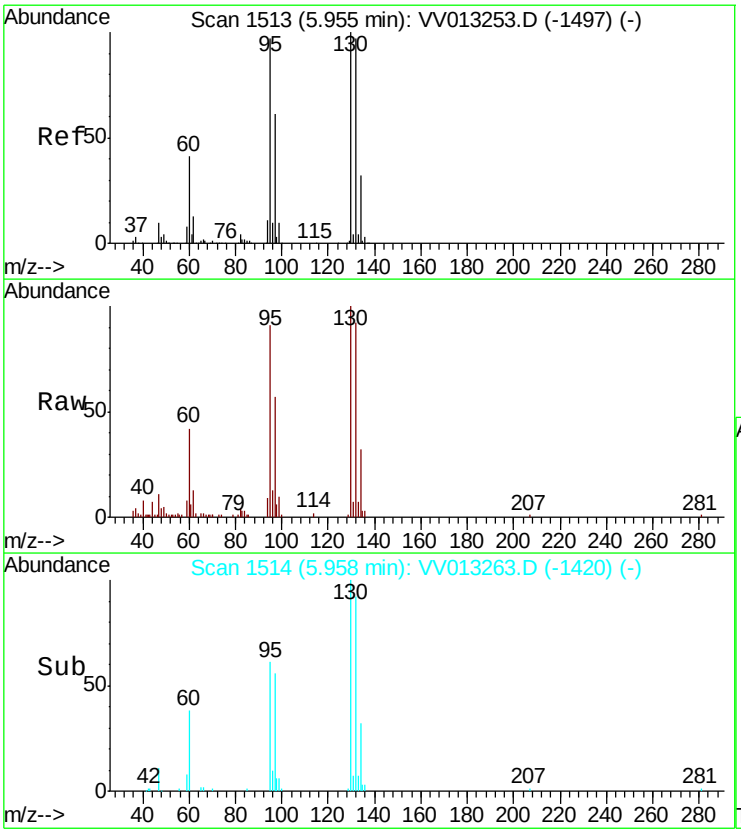


#33
Benzene
Concen: 0.317 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Instrument :
MSVOA_V
ClientSampleId :
H0G77

Tgt Ion: 78 Resp: 57123





#34
Trichloroethene
Concen: 0.754 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013263.D
Acq: 21 Oct 2019 23:46

Tgt Ion: 95 Resp: 36463

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.2	84.0
132	100.9	70.6	131.2
130	109.9	75.5	140.3