Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013879.D
Acq On : 02 Dec 2019 18:26
Operator : SY/MD
Sample : K6083-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA2

Quant Time: Dec 03 05:40:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	680928	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	647085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	269867	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	191498	48.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.26%			
7) Chloroethane-d5	1.57	69	200874	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.74%			
11) 1,1-Dichloroethene-d2	2.13	63	315745	36.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.52%			
21) 2-Butanone-d5	3.92	46	288986	104.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.25%			
24) Chloroform-d	4.39	84	391665	47.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.72%			
26) 1,2-Dichloroethane-d4	5.07	65	258314	49.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.58%			
32) Benzene-d6	5.09	84	827996	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.76%			
36) 1,2-Dichloropropane-d6	6.11	67	251786	50.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.06%			
41) Toluene-d8	7.35	98	714905	46.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.54%			
43) trans-1,3-Dichloropropene-	7.66	79	107765	44.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.00%			
47) 2-Hexanone-d5	8.13	63	200968	106.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.93%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	316146	43.38	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.76%			
64) 1,2-Dichlorobenzene-d4	11.67	152	287832	54.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.62%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	50853	8.796	ug/L #	73
17) trans-1,2-Dichloroethene	2.79	96	22898	4.732	ug/L	96
19) 1,1-Dichloroethane	3.23	63	9093	1.043	ug/L #	89
20) cis-1,2-Dichloroethene	3.96	96	1129411	215.542	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	12251	1.568	ug/L #	85
34) Trichloroethene	5.96	95	10211263	1975.696	ug/L	99
46) Tetrachloroethene	8.02	164	2933184	628.920	ug/L	97

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

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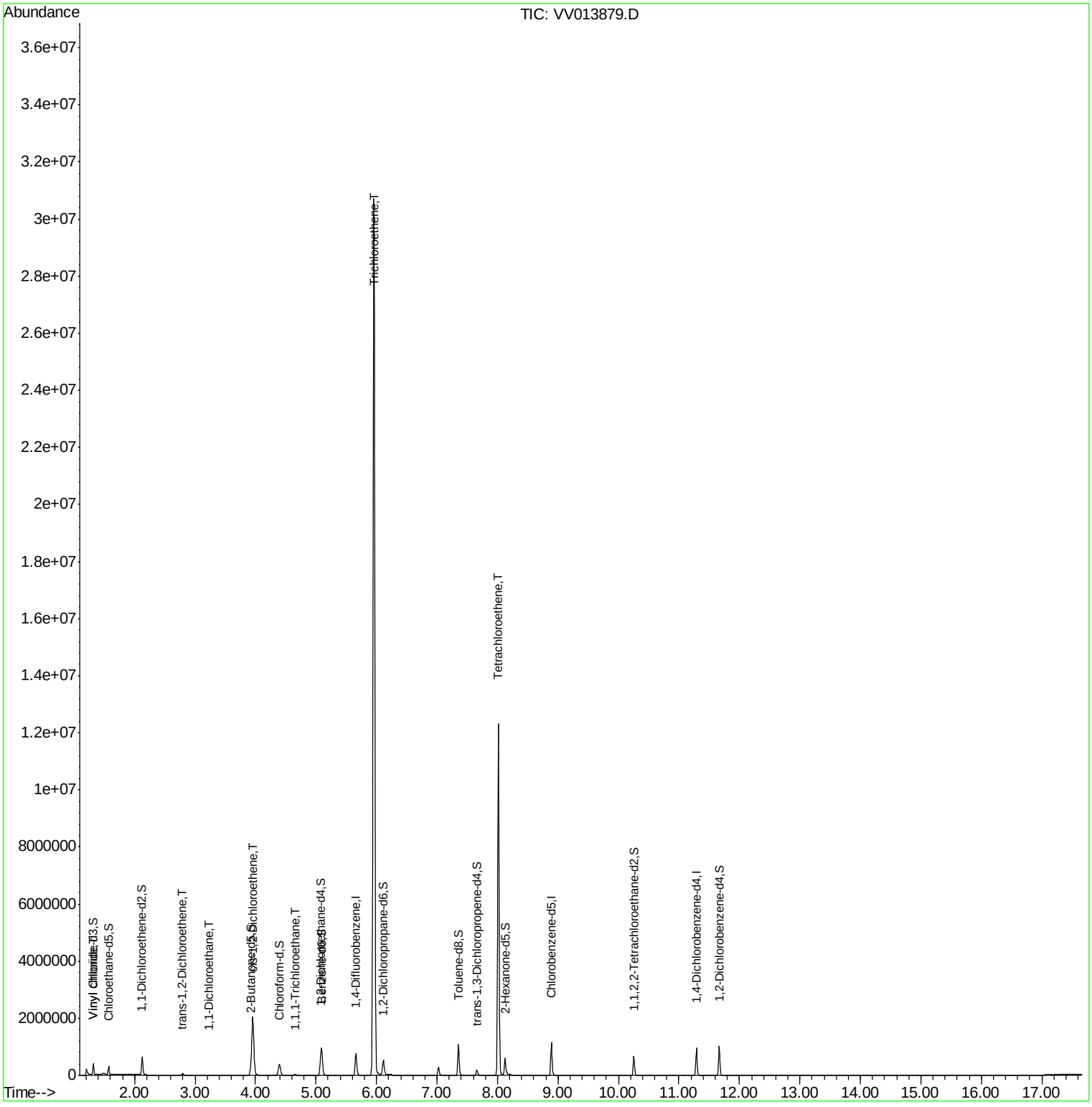
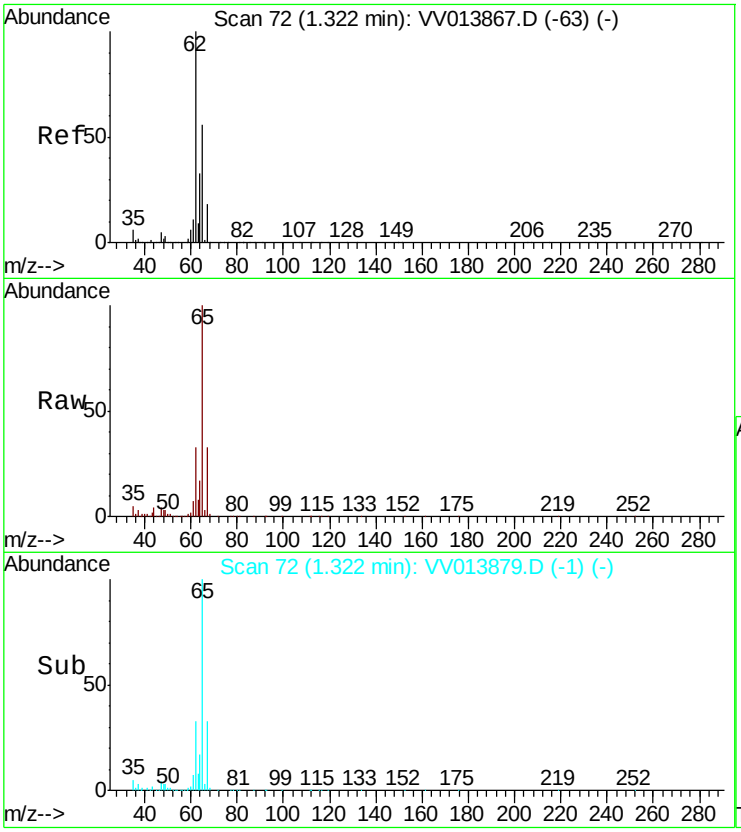


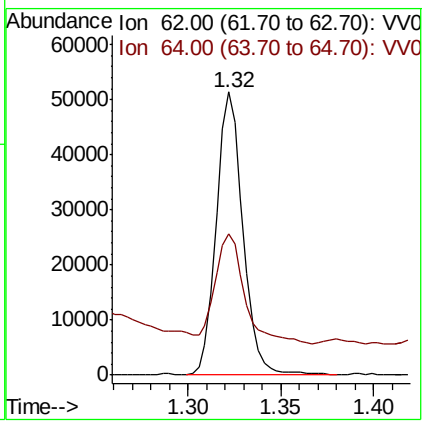


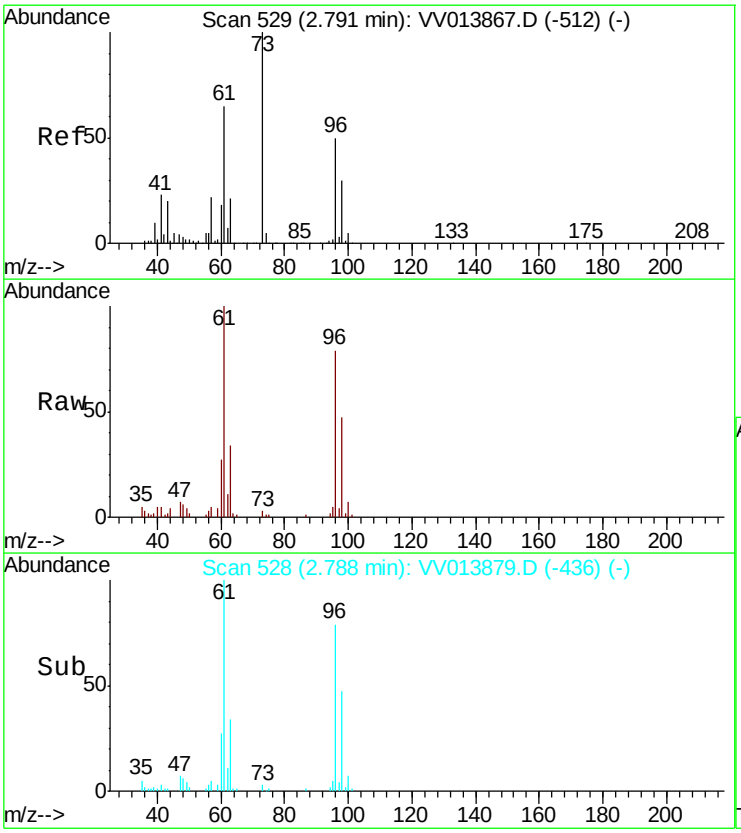
#5
Vinyl chloride
Concen: 8.796 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013879.D
Acq: 02 Dec 2019 18:26

Instrument : MSVOA_V
ClientSampleId : C0AA2

Tgt Ion: 62 Resp: 50853

Ion	Ratio	Lower	Upper
62	100		
64	50.1	24.1	44.8#

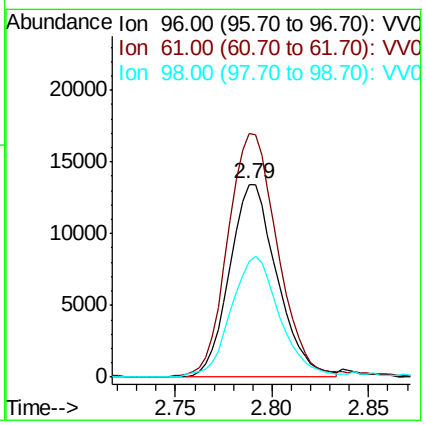


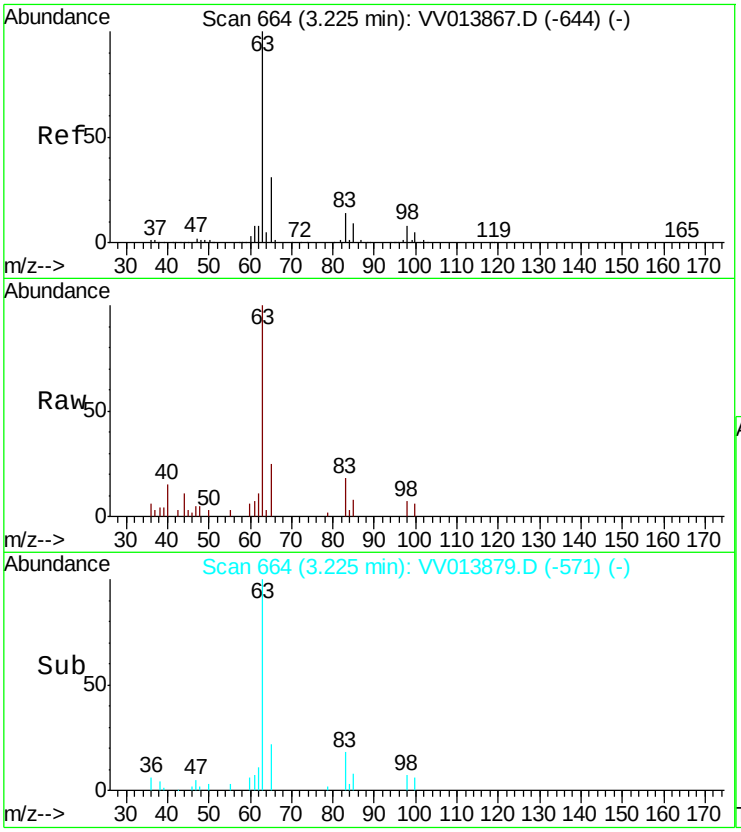


#17
trans-1,2-Dichloroethene
Concen: 4.732 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013879.D
Acq: 02 Dec 2019 18:26

Tgt Ion: 96 Resp: 22898

Ion	Ratio	Lower	Upper
96	100		
61	126.4	92.2	171.2
98	59.8	42.6	79.2



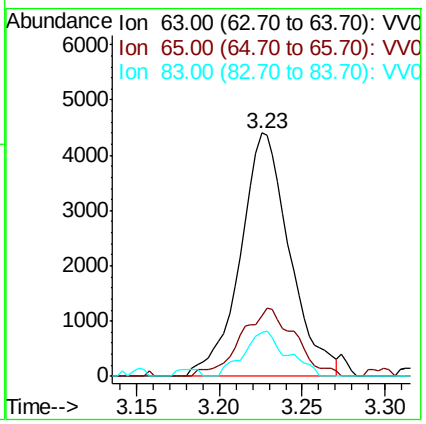


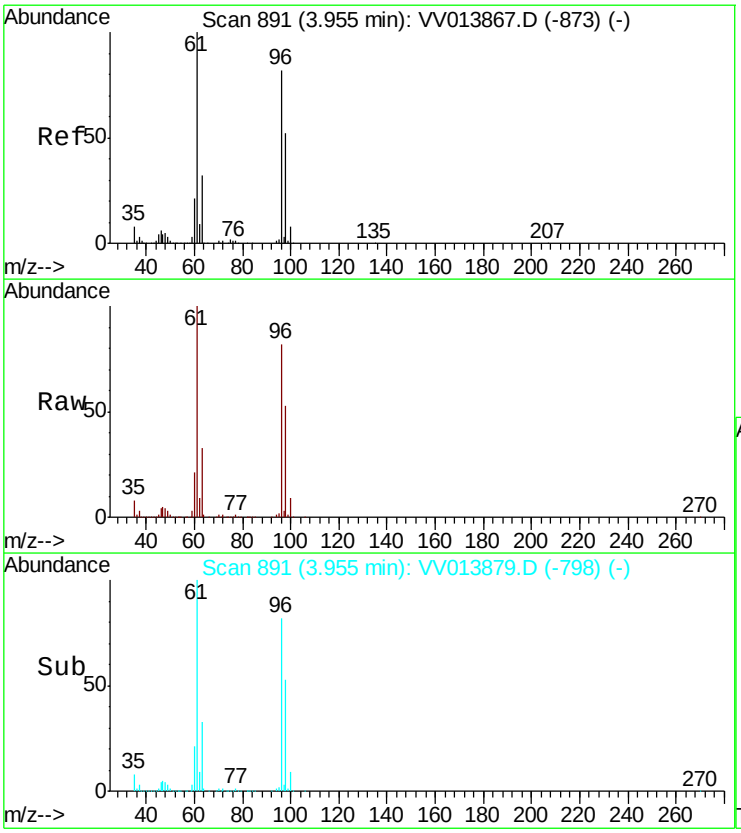
#19
1,1-Dichloroethane
Concen: 1.043 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV013879.D
Acq: 02 Dec 2019 18:26

Instrument : MSVOA_V
ClientSampleId : C0AA2

Tgt Ion: 63 Resp: 9093

Ion	Ratio	Lower	Upper
63	100		
65	24.7	21.5	39.9
83	18.2	9.7	18.1#

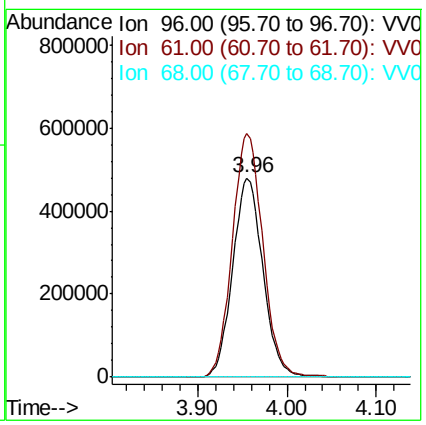


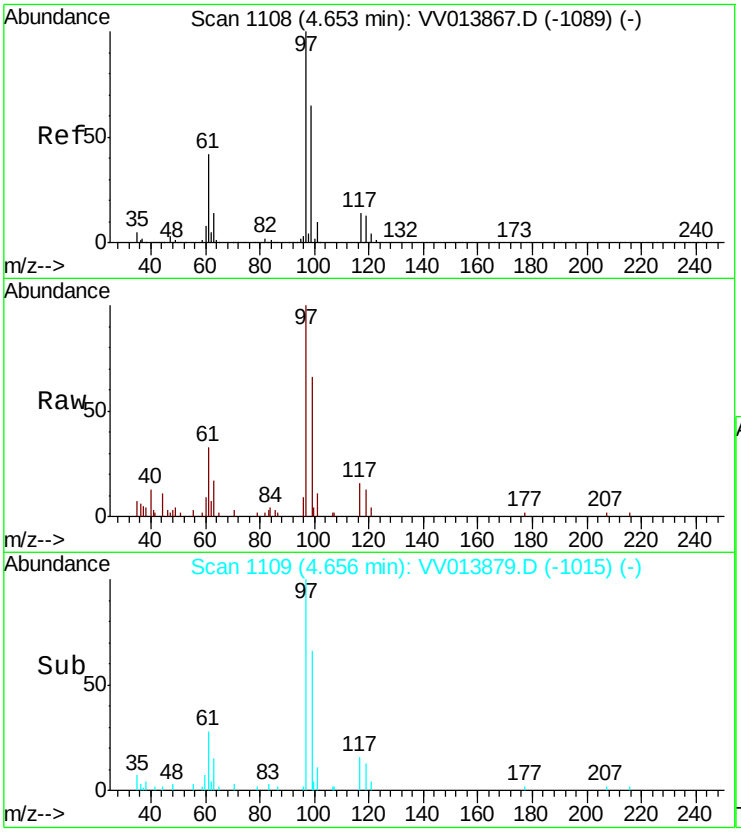


#20
cis-1,2-Dichloroethene
Concen: 215.542 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV013879.D
Acq: 02 Dec 2019 18:26

Tgt Ion: 96 Resp: 1129411

Ion	Ratio	Lower	Upper
96	100		
61	122.2	85.3	158.5
68	0.0	0.0	0.0



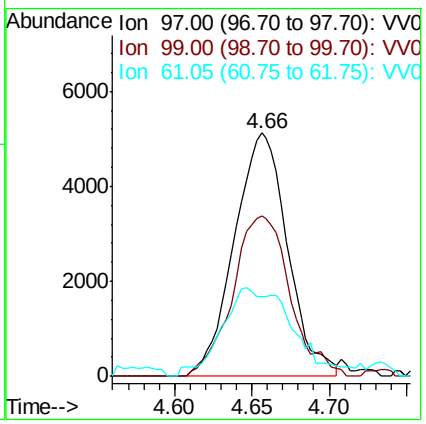


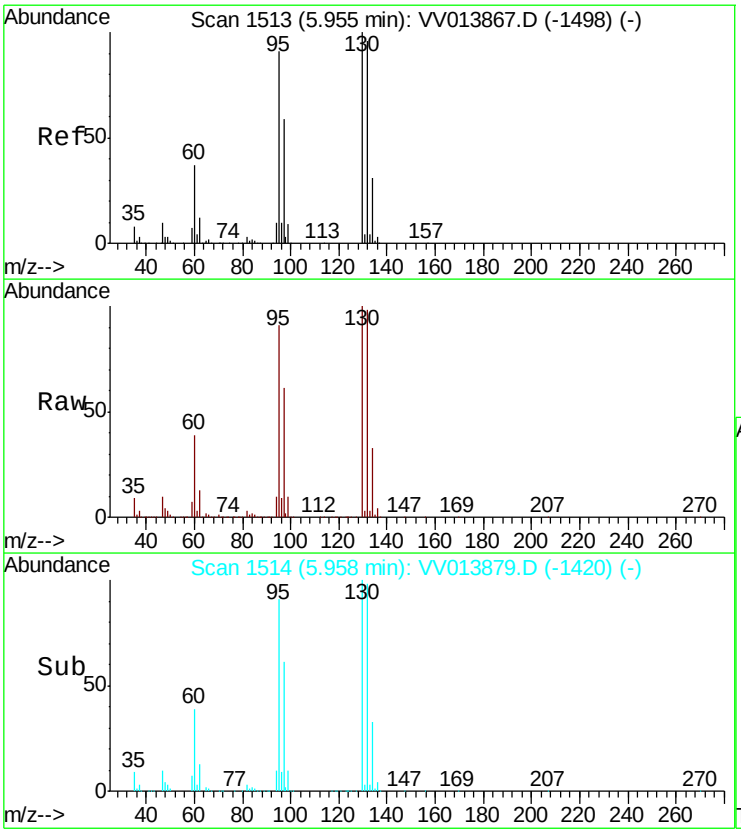
#30
1,1,1-Trichloroethane
Concen: 1.568 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013879.D
Acq: 02 Dec 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :
C0AA2

Tgt Ion: 97 Resp: 12251

Ion	Ratio	Lower	Upper
97	100		
99	67.9	51.4	77.2
61	21.5	33.2	49.8#

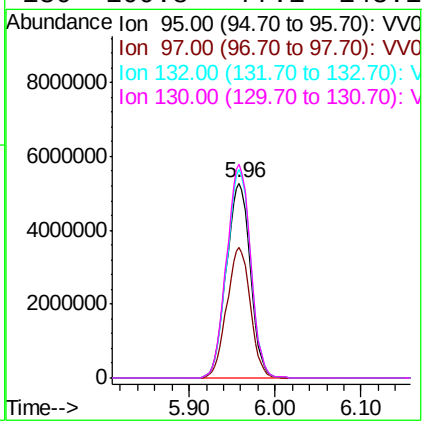


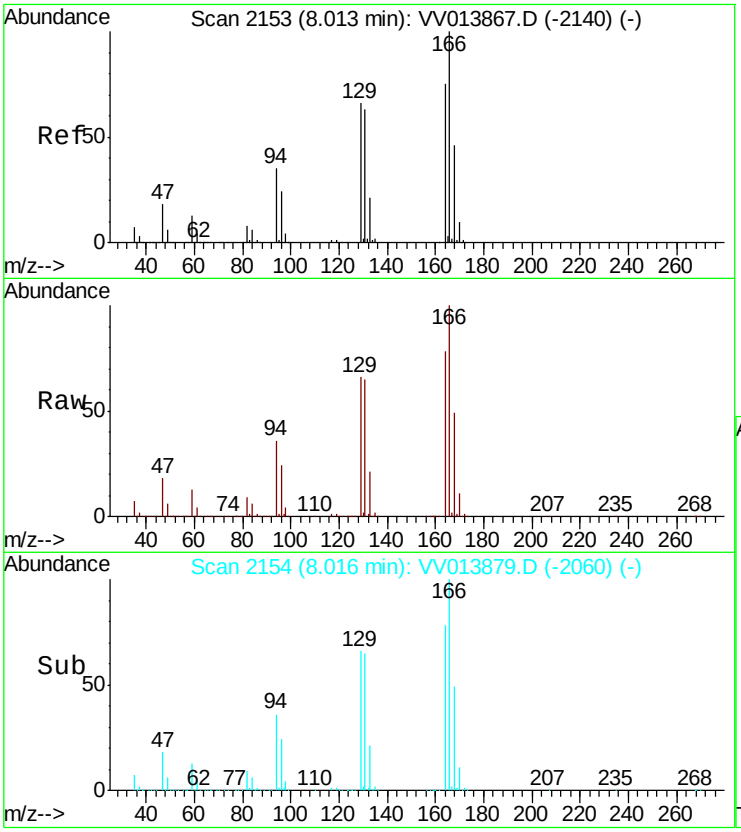


#34
Trichloroethene
Concen: 1975.696 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013879.D
Acq: 02 Dec 2019 18:26

Tgt Ion: 95 Resp:10211263

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.4	84.4
132	107.1	73.7	136.9
130	109.8	77.1	143.1





#46
Tetrachloroethene
Concen: 628.920 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013879.D
Acq: 02 Dec 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :
C0AA2

Tgt Ion:164 Resp: 2933184

Ion	Ratio	Lower	Upper
164	100		
129	85.0	61.7	114.7
131	83.1	58.4	108.6
166	128.8	93.4	173.6