Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102020\
Data File : VV019018.D
Acq On : 20 Oct 2020 16:46
Operator : SY/MD
Sample : L4430-02DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AB1DL

Quant Time: Oct 21 07:44:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 21 06:02:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	313869	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141426	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	74043	28.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.32%#			
7) Chloroethane-d5	1.58	69	77153	37.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.38%			
11) 1,1-Dichloroethene-d2	2.12	63	133387	27.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 54.70%#			
21) 2-Butanone-d5	3.92	46	184773	102.60	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.60%			
24) Chloroform-d	4.37	84	190781	41.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	5.05	65	137497	44.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.24%			
32) Benzene-d6	5.07	84	365939	43.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.56%			
36) 1,2-Dichloropropane-d6	6.09	67	126572	47.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.72%			
41) Toluene-d8	7.34	98	279971	37.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.68%#			
43) trans-1,3-Dichloropropene-	7.64	79	51155	39.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.32%			
47) 2-Hexanone-d5	8.11	63	86876	87.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.50%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133640	42.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.34%			
64) 1,2-Dichlorobenzene-d4	11.65	152	131111	45.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.14%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	140200	47.325	ug/L	99
12) 1,1-Dichloroethene	2.12	96	3231	1.566	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	21644	9.449	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	136193	56.100	ug/L	97
34) Trichloroethene	5.94	95	65141	25.736	ug/L	96
46) Tetrachloroethene	8.00	164	25217	14.136	ug/L	99

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

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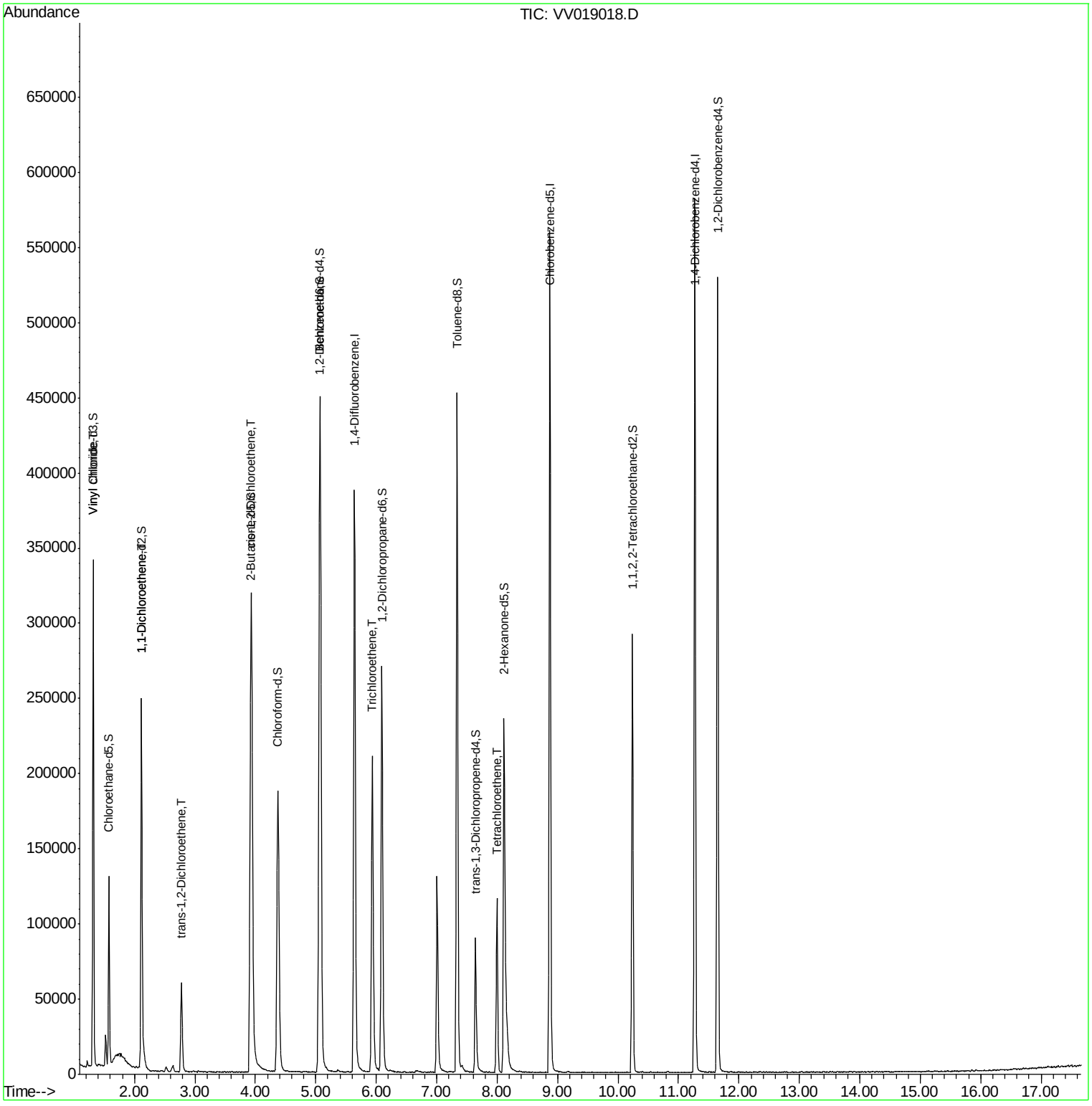
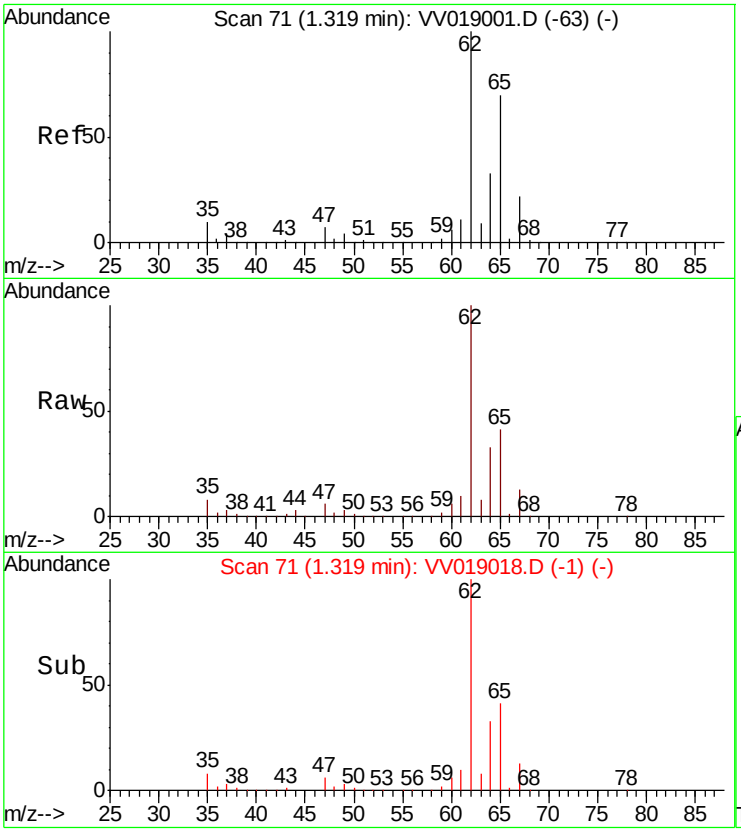


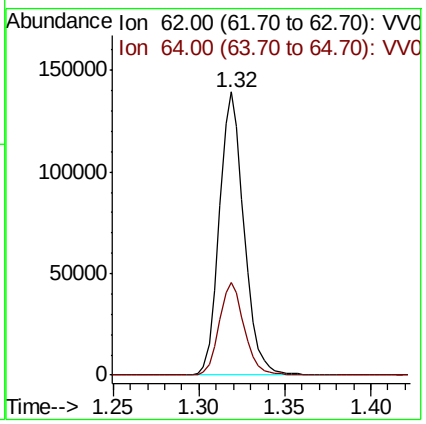


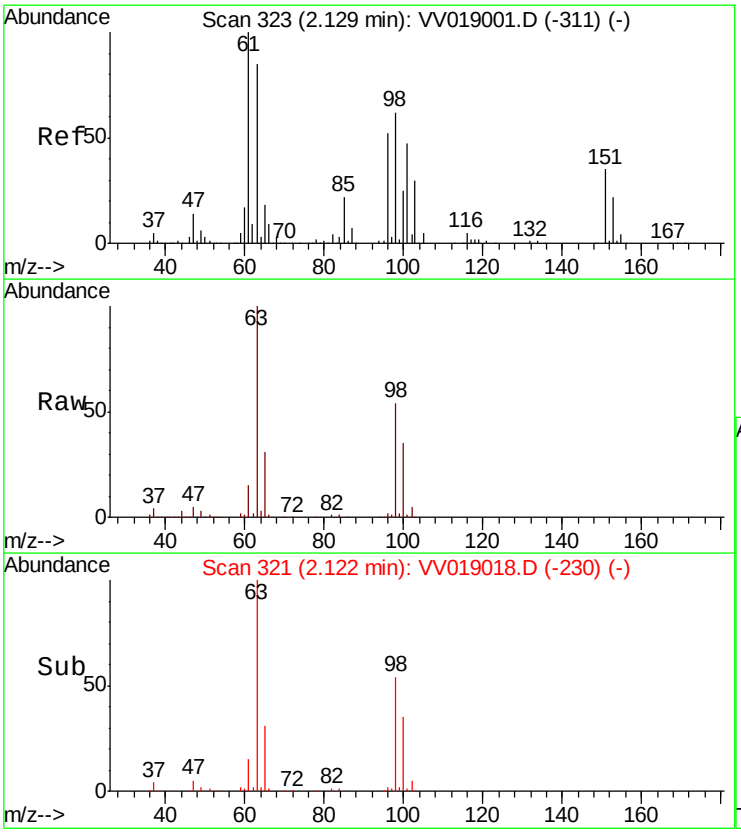
#5
Vinyl chloride
Concen: 47.325 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV019018.D
Acq: 20 Oct 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
C0AB1DL

Tgt Ion: 62 Resp: 140200

Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.2	43.2

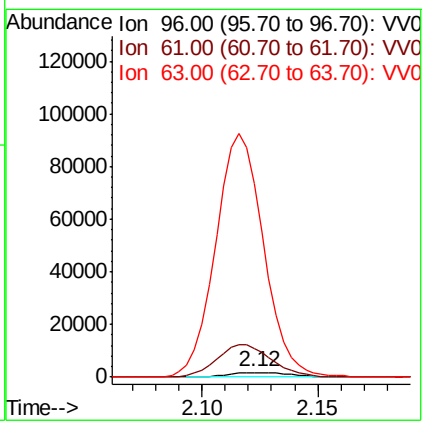


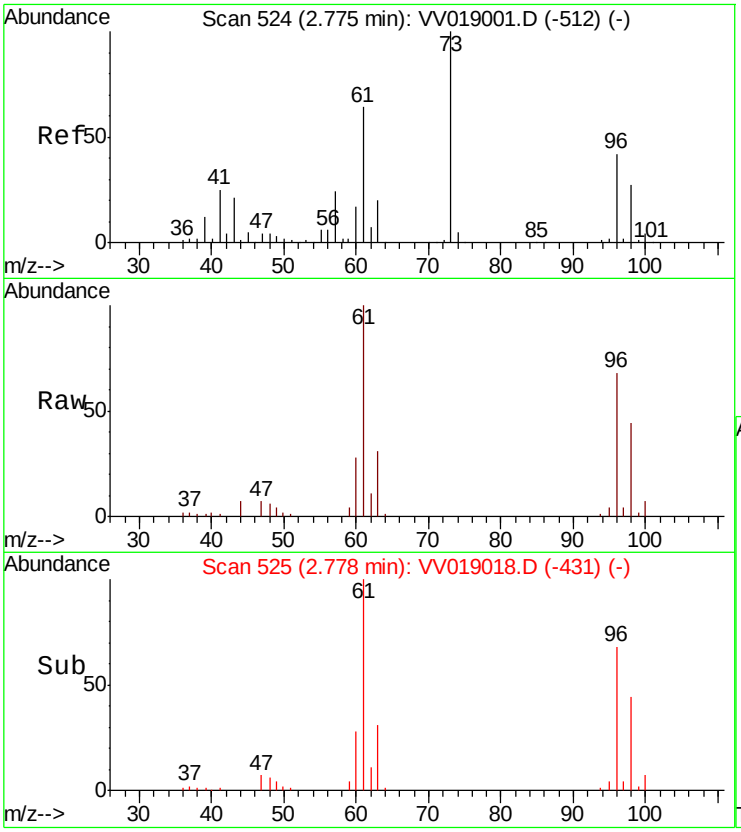


#12
1,1-Dichloroethene
Concen: 1.566 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV019018.D
Acq: 20 Oct 2020 16:46

Tgt Ion: 96 Resp: 3231

Ion	Ratio	Lower	Upper
96	100		
61	617.2	133.5	247.9#
63	4105.2	102.1	189.7#



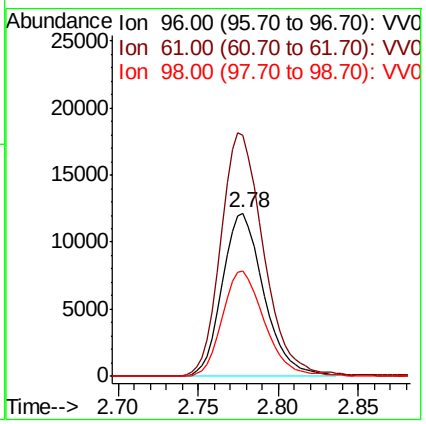


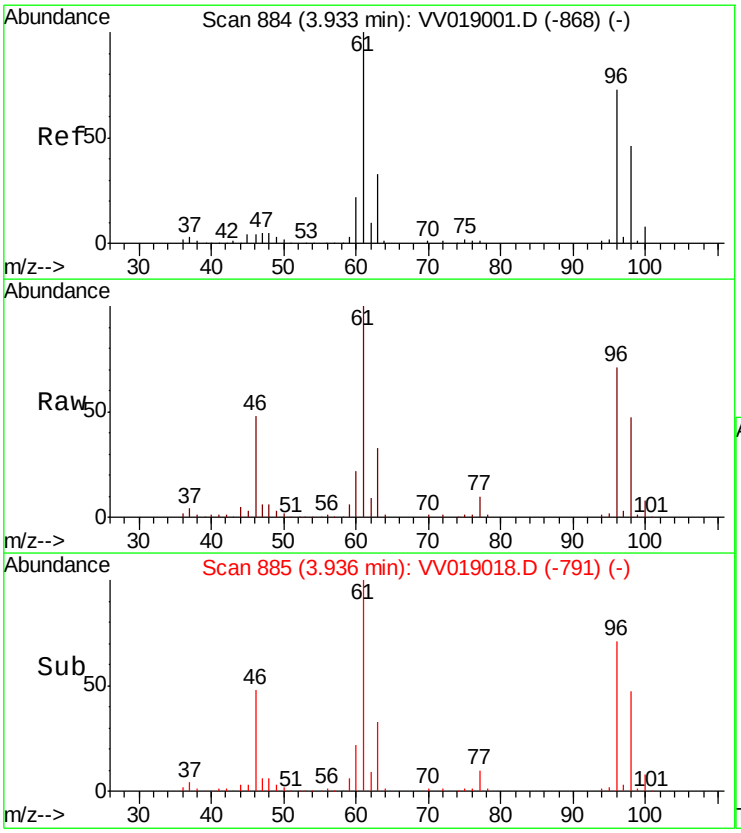
#17
trans-1,2-Dichloroethene
Concen: 9.449 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV019018.D
Acq: 20 Oct 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
C0AB1DL

Tgt Ion: 96 Resp: 21644

Ion	Ratio	Lower	Upper
96	100		
61	147.8	102.8	190.8
98	64.5	44.0	81.6

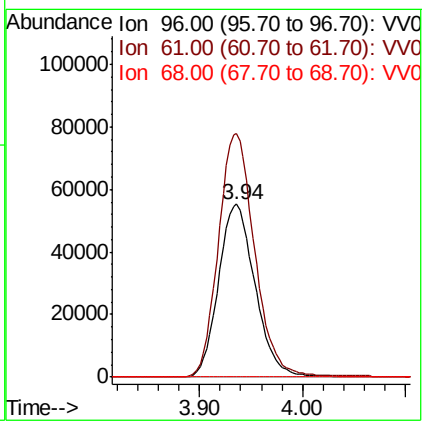


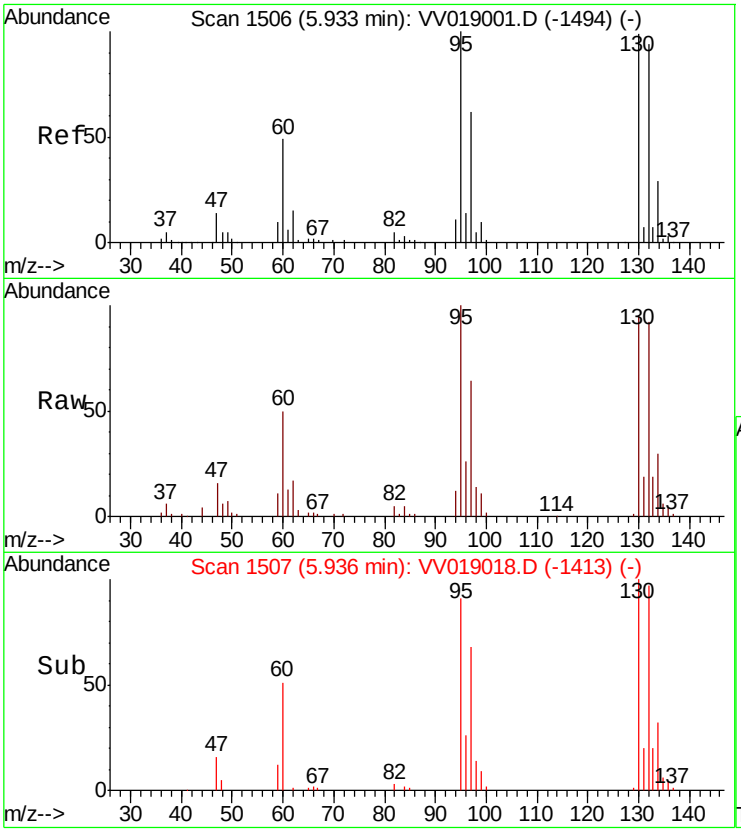


#20
cis-1,2-Dichloroethene
Concen: 56.100 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV019018.D
Acq: 20 Oct 2020 16:46

Tgt Ion: 96 Resp: 136193

Ion	Ratio	Lower	Upper
96	100		
61	140.7	96.1	178.5
68	0.0	0.0	0.0



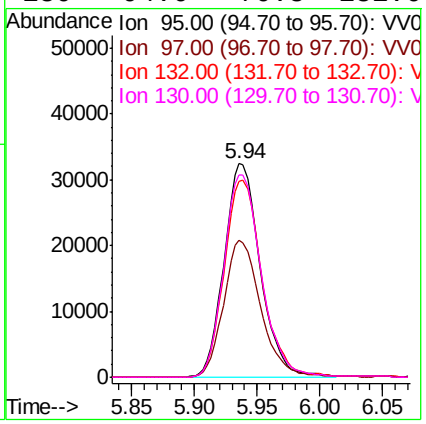


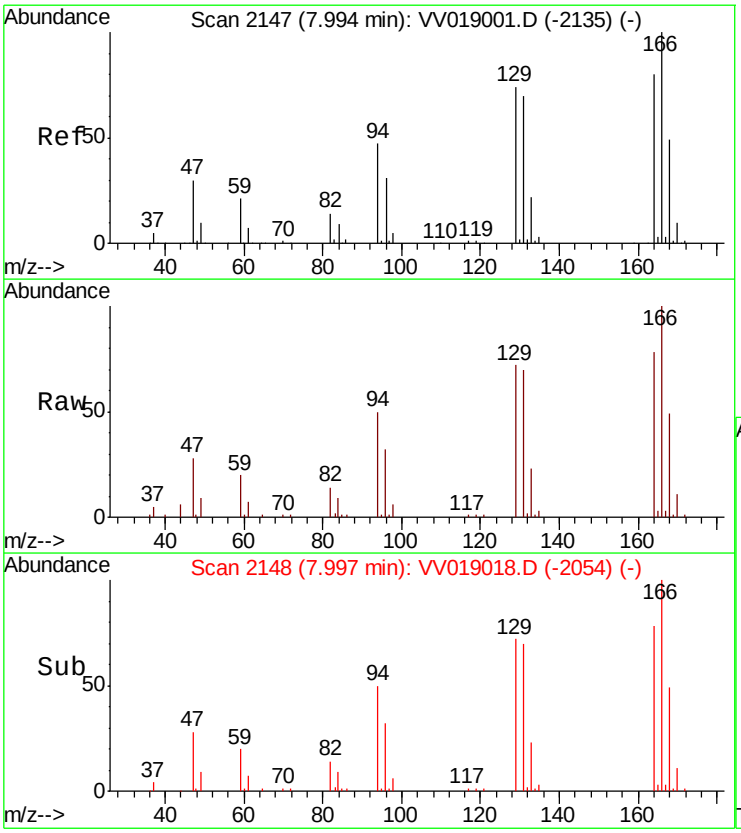
#34
Trichloroethene
Concen: 25.736 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV019018.D
Acq: 20 Oct 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
C0AB1DL

Tgt Ion: 95 Resp: 65141

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.7	82.9
132	92.0	67.0	124.4
130	94.6	70.8	131.6





#46
Tetrachloroethene
Concen: 14.136 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV019018.D
Acq: 20 Oct 2020 16:46

Tgt Ion:164 Resp: 25217

Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.0	120.8
131	89.0	62.9	116.7
166	127.5	91.1	169.3