Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031619\

Quantitation Report (Not Reviewed)

Data File : VV009700.D
Acq On : 15 Mar 2019 21:08
Operator : SY/MD
Sample : K1939-17
Misc : 5.35g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0Y0

Quant Time: Mar 16 02:38:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173986	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81227	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38508	37.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.80%			
7) Chloroethane-d5	1.55	69	23736	22.15	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 44.30%#			
11) 1,1-Dichloroethene-d2	2.09	63	87464	32.20	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.40%			
21) 2-Butanone-d5	3.95	46	72665	95.49	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.49%			
24) Chloroform-d	4.40	84	96750	43.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.02%			
26) 1,2-Dichloroethane-d4	5.08	65	66486	44.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.34%			
32) Benzene-d6	5.09	84	198599	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.02%			
36) 1,2-Dichloropropane-d6	6.12	67	61741	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.54%			
41) Toluene-d8	7.36	98	189282	43.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.08%			
43) trans-1,3-Dichloropropene-	7.67	79	27527	39.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.88%			
47) 2-Hexanone-d5	8.14	63	61206	104.88	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.88%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	101130	47.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.38%			
64) 1,2-Dichlorobenzene-d4	11.68	152	75659	44.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.30%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1787	1.595	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	787	0.597	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	1244	1.104	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	1117	1.087	ug/L	94
20) cis-1,2-Dichloroethene	3.95	96	283829	237.420	ug/L	98
34) Trichloroethene	5.96	95	21663	18.846	ug/L	97
37) 1,2-Dichloropropane	6.12	63	7024	6.399	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2162	1.236	ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	1437	0.875	ug/L #	52
45) 1,1,2-Trichloroethane	8.02	97	2495	2.204	ug/L #	1
46) Tetrachloroethene	8.02	164	259626	287.287	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	11503	7.728	ug/L #	86

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031619\

Quantitation Report (Not Reviewed)

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Misc : 5.35g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
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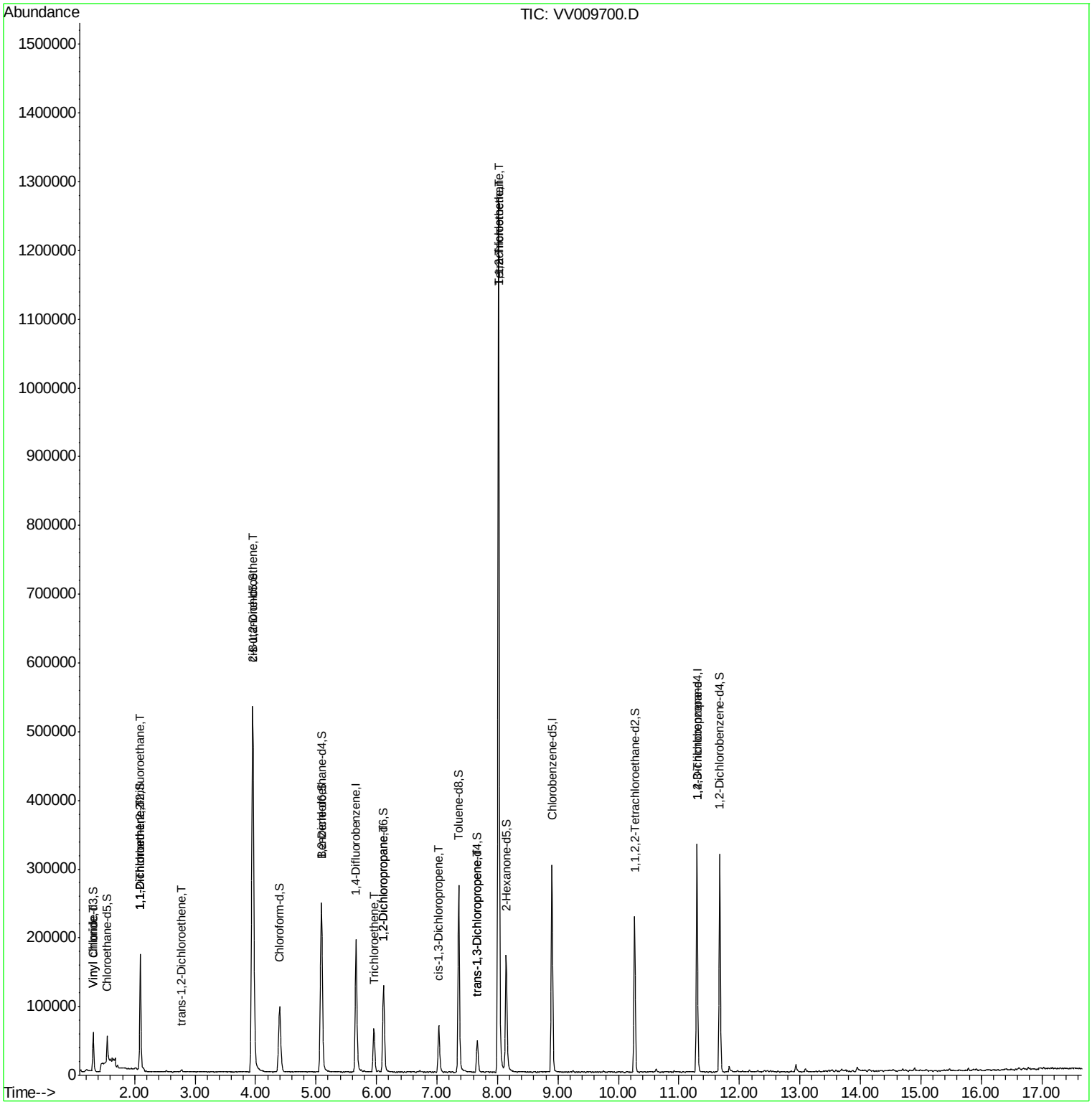
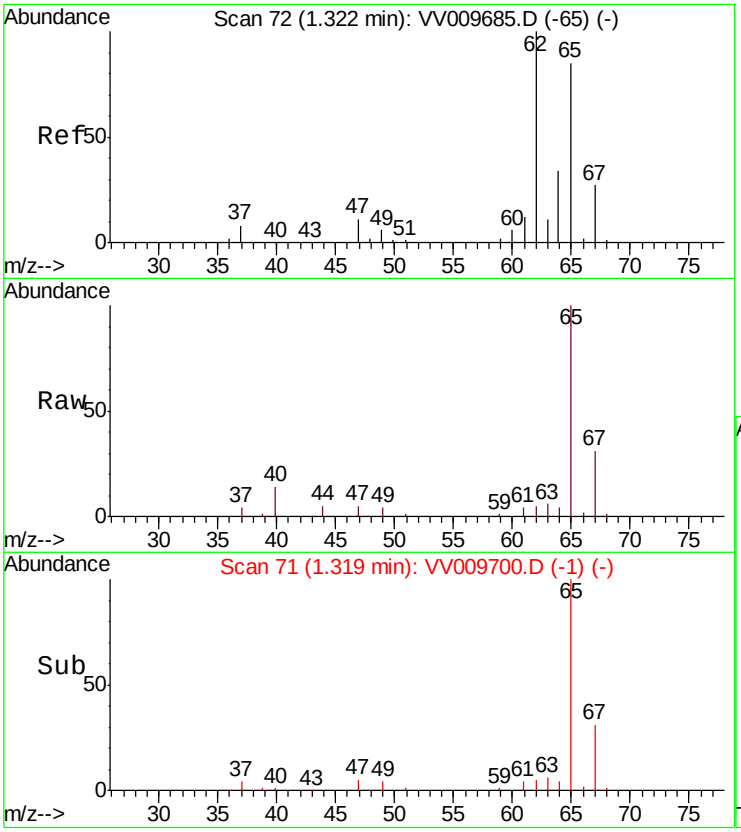
Instrument : MSVOA_V
ClientSampleId : BF0Y0

Quant Time: Mar 16 02:38:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration



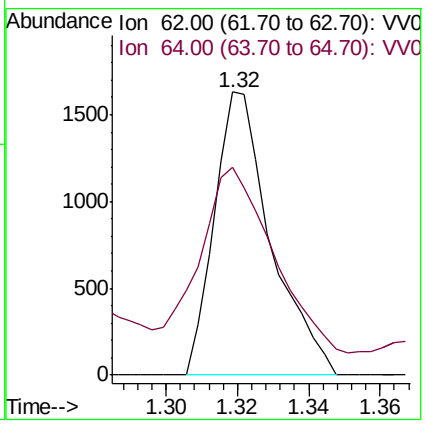


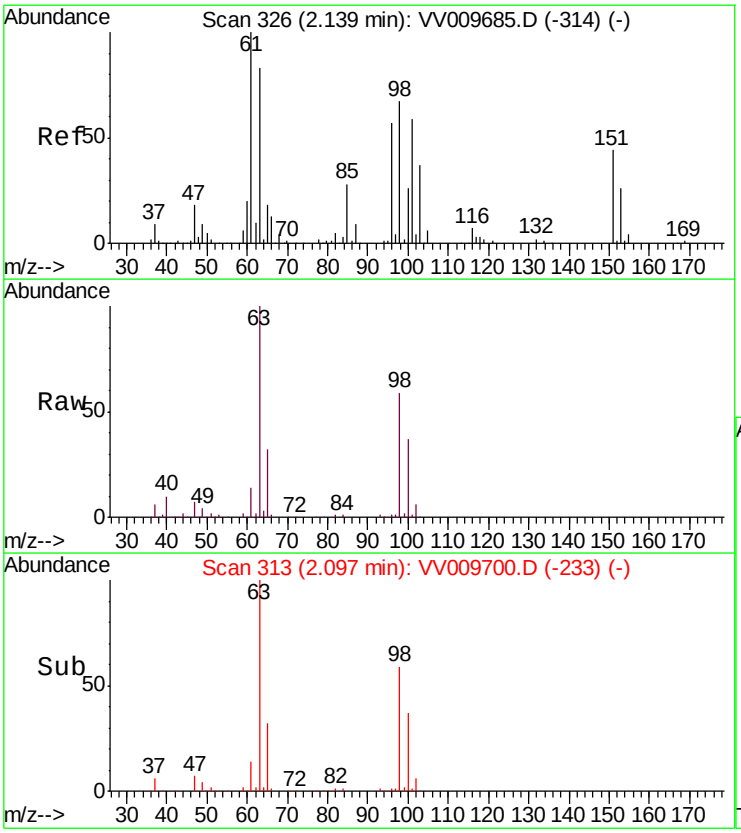
#5
Vinyl chloride
Concen: 1.595 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Instrument :
MSVOA_V
ClientSampleId :
BF0Y0

Tgt Ion: 62 Resp: 1787

Ion	Ratio	Lower	Upper
62	100		
64	73.6	23.7	44.1#

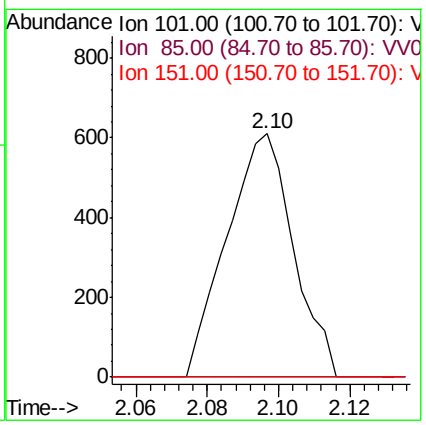


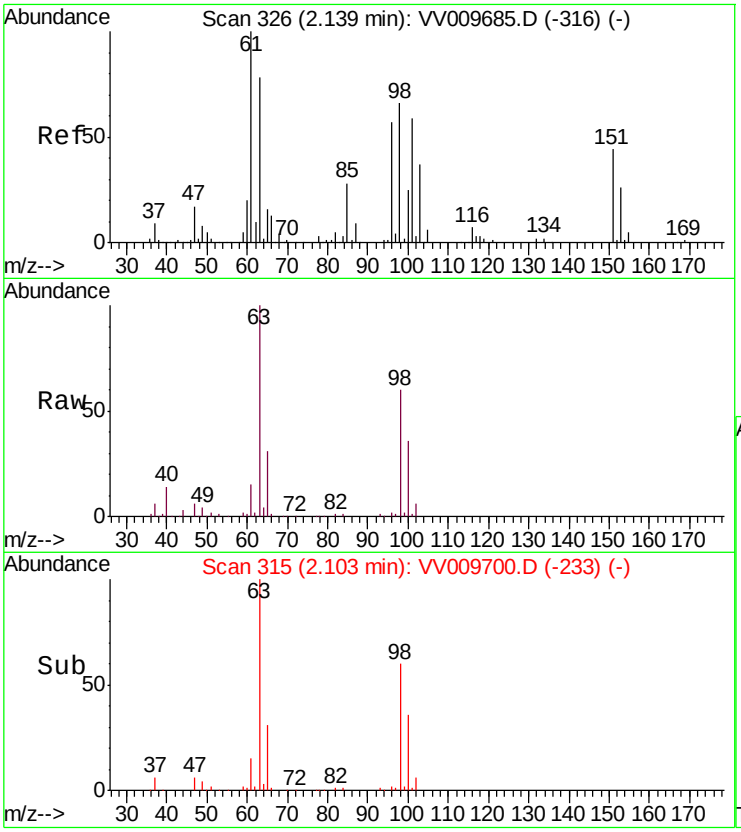


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.597 ug/L
RT: 2.10 min Scan# 313
Delta R.T. -0.04 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Tgt Ion:101 Resp: 787

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.8	56.6#
151	0.0	59.6	89.4#



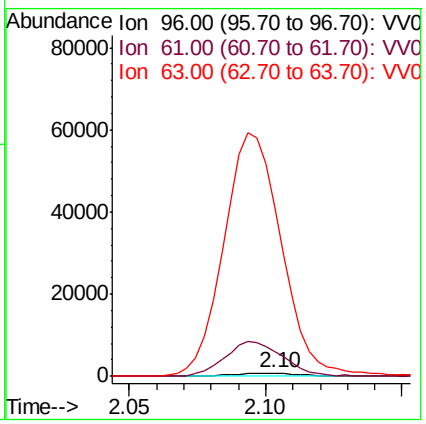


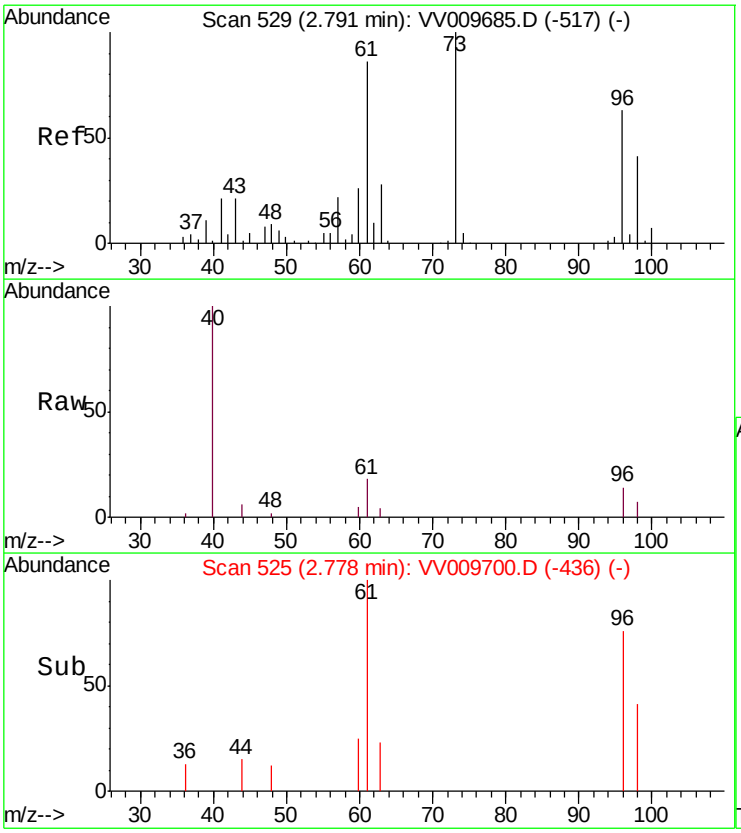
#12
1,1-Dichloroethene
Concen: 1.104 ug/L
RT: 2.10 min Scan# 315
Delta R.T. -0.04 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Instrument : MSVOA_V
ClientSampleId : BF0Y0

Tgt Ion: 96 Resp: 1244

Ion	Ratio	Lower	Upper
96	100		
61	816.6	122.1	226.7#
63	5628.3	107.6	199.8#

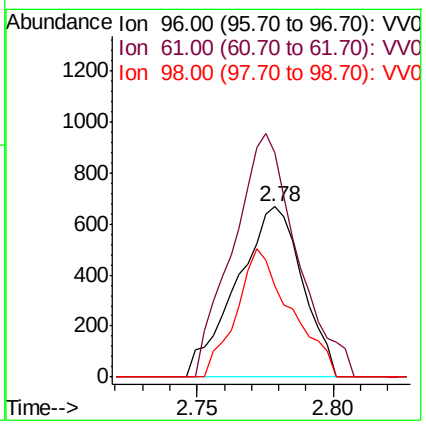


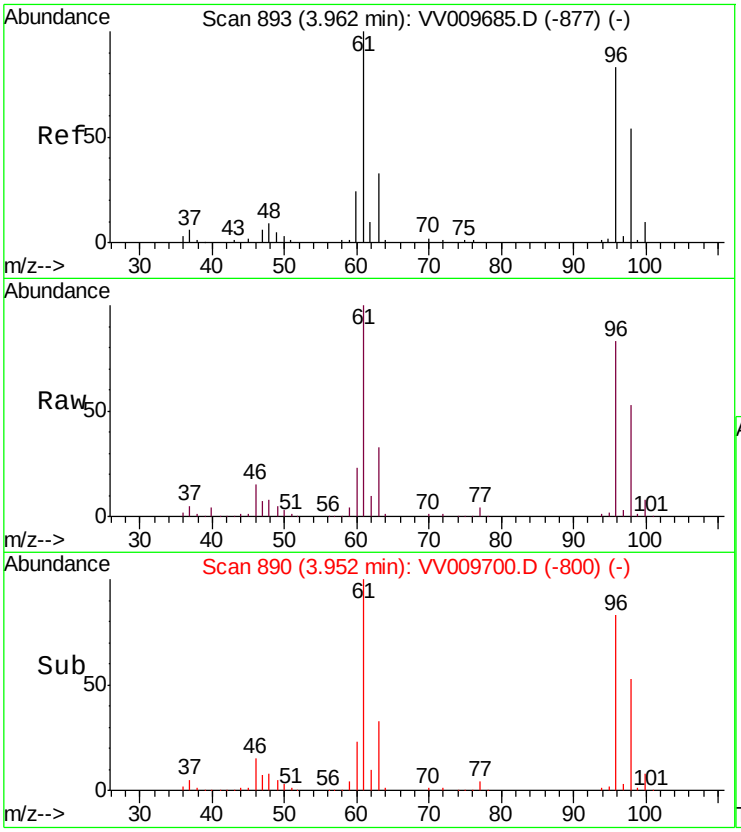


#17
trans-1,2-Dichloroethene
Concen: 1.087 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.01 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Tgt Ion: 96 Resp: 1117

Ion	Ratio	Lower	Upper
96	100		
61	131.6	94.0	174.6
98	54.0	45.8	85.2



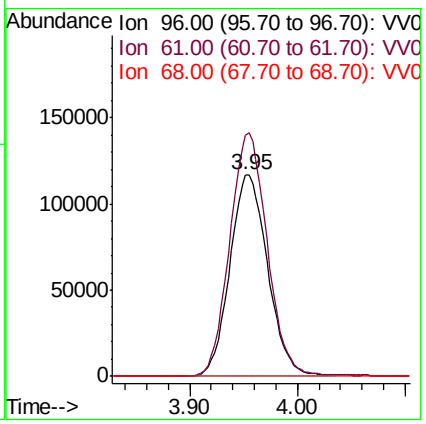


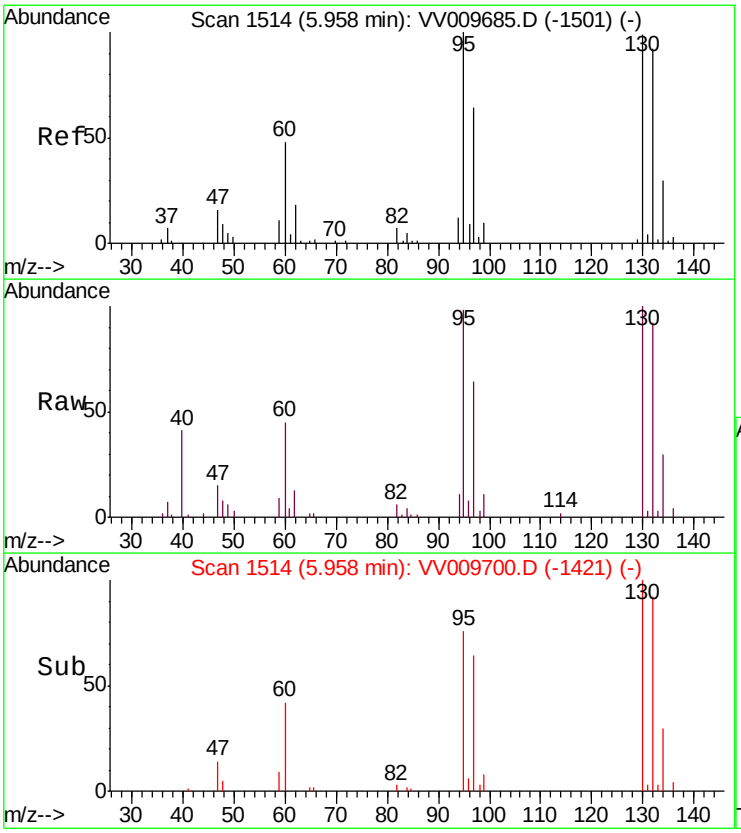
#20
cis-1,2-Dichloroethene
Concen: 237.420 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Instrument :
MSVOA_V
ClientSampleId :
BF0Y0

Tgt Ion: 96 Resp: 283829

Ion	Ratio	Lower	Upper
96	100		
61	119.9	82.4	153.0
68	0.0	0.0	0.0

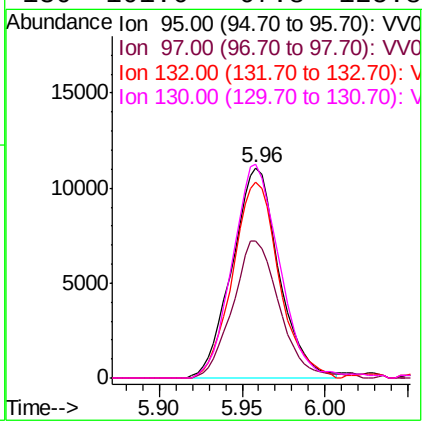


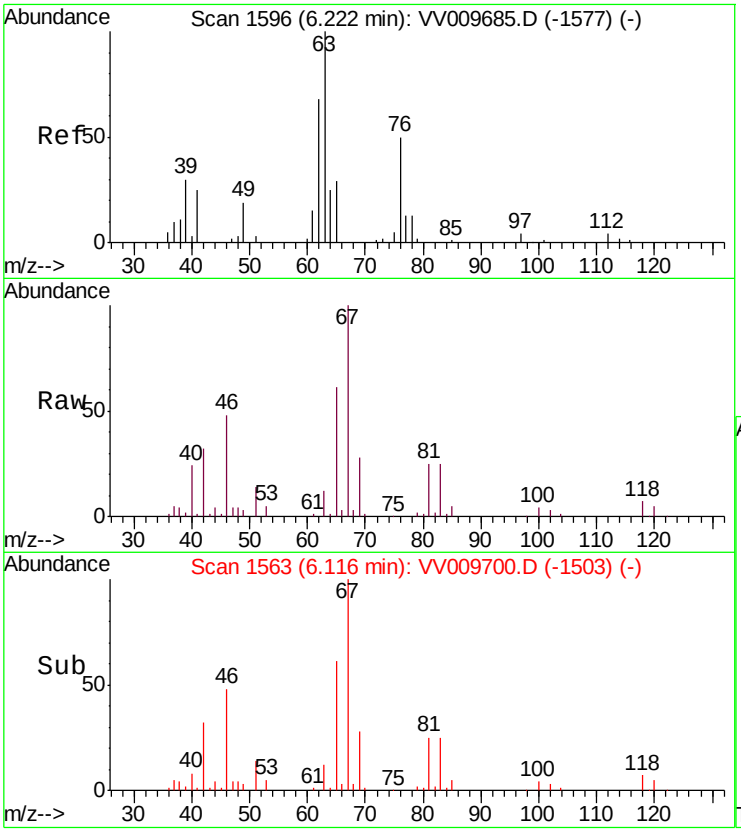


#34
Trichloroethene
Concen: 18.846 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Tgt Ion: 95 Resp: 21663

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.2	82.2
132	93.1	66.5	123.5
130	101.6	67.8	125.8



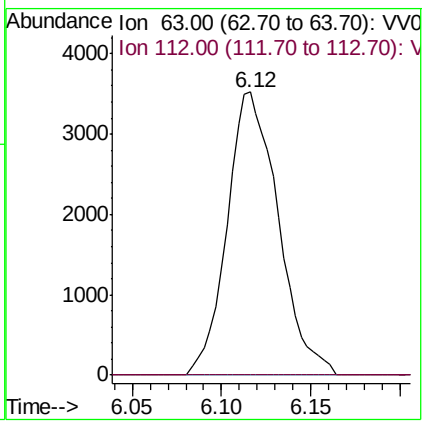


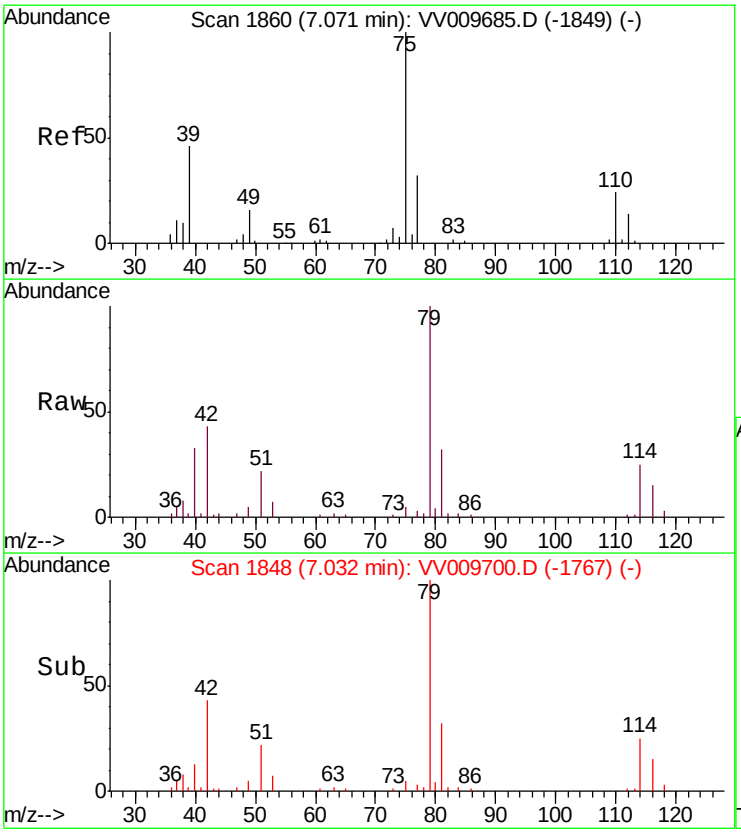
#37
1,2-Dichloropropane
Concen: 6.399 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Instrument :
MSVOA_V
ClientSampleId :
BF0Y0

Tgt Ion: 63 Resp: 7024

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

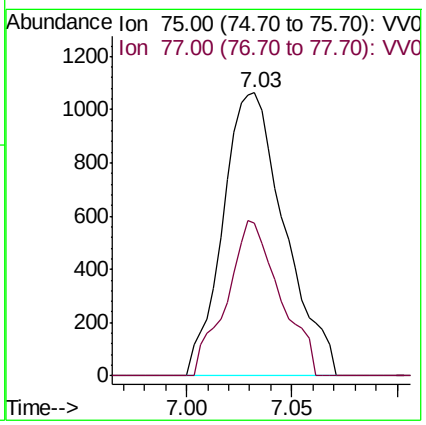


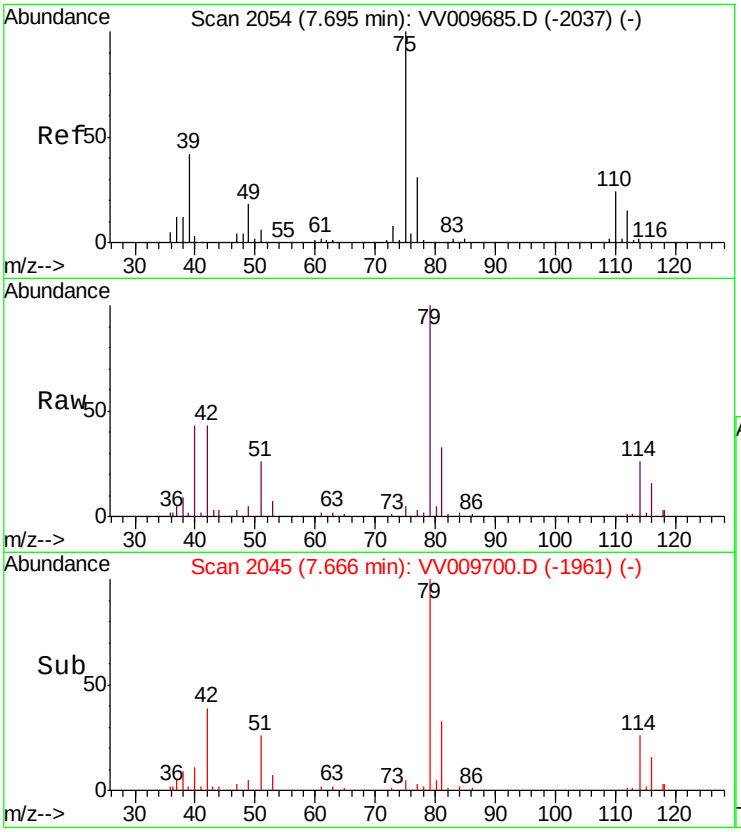


#39
cis-1,3-Dichloropropene
Concen: 1.236 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Tgt Ion: 75 Resp: 2162

Ion	Ratio	Lower	Upper
75	100		
77	53.8	22.3	41.5#



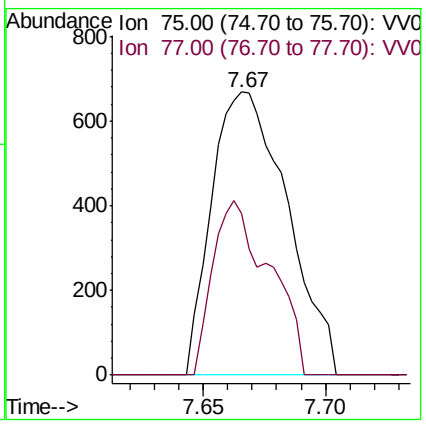


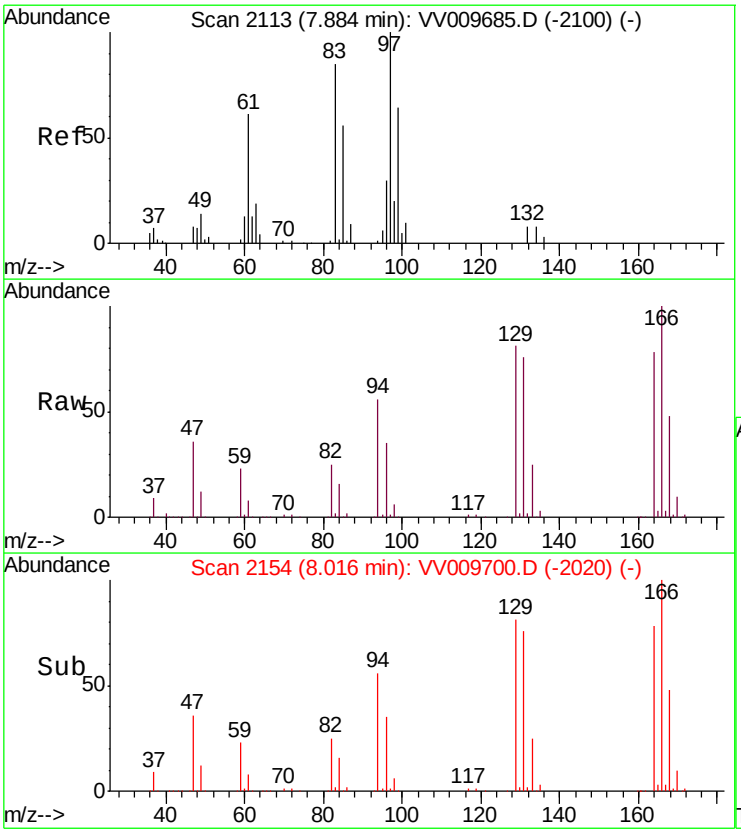
#44
trans-1,3-Dichloropropene
Concen: 0.875 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Instrument : MSVOA_V
ClientSampleId : BF0Y0

Tgt Ion: 75 Resp: 1437

Ion	Ratio	Lower	Upper
75	100		
77	57.3	21.6	40.2#

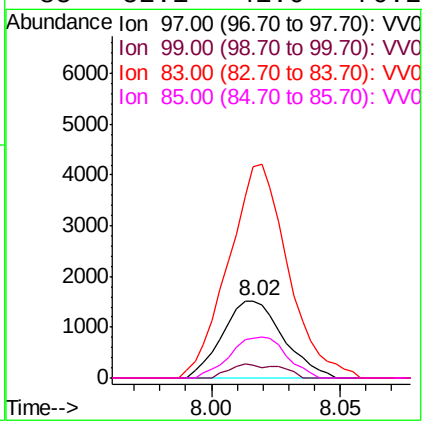


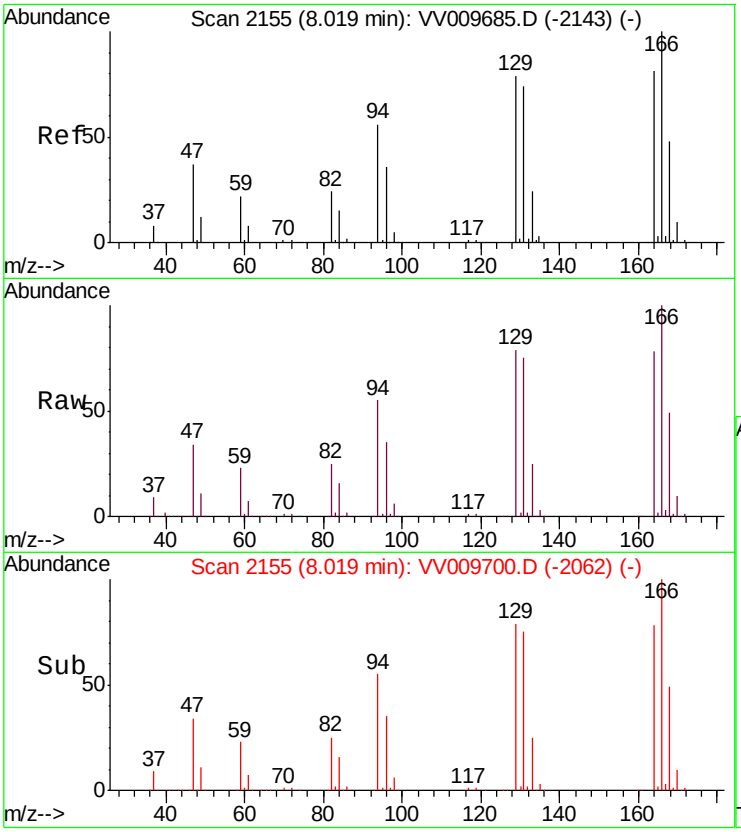


#45
1,1,2-Trichloroethane
Concen: 2.204 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.13 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Tgt Ion: 97 Resp: 2495

Ion	Ratio	Lower	Upper
97	100		
99	16.3	44.0	81.8#
83	273.9	61.5	114.3#
85	52.1	41.0	76.2



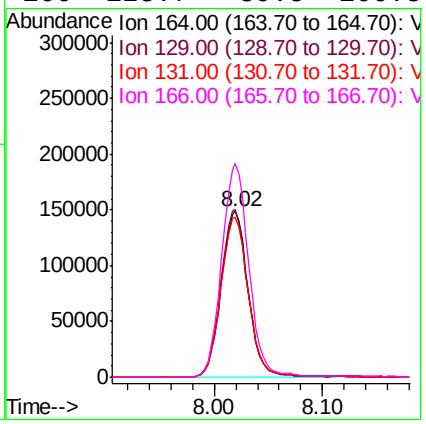


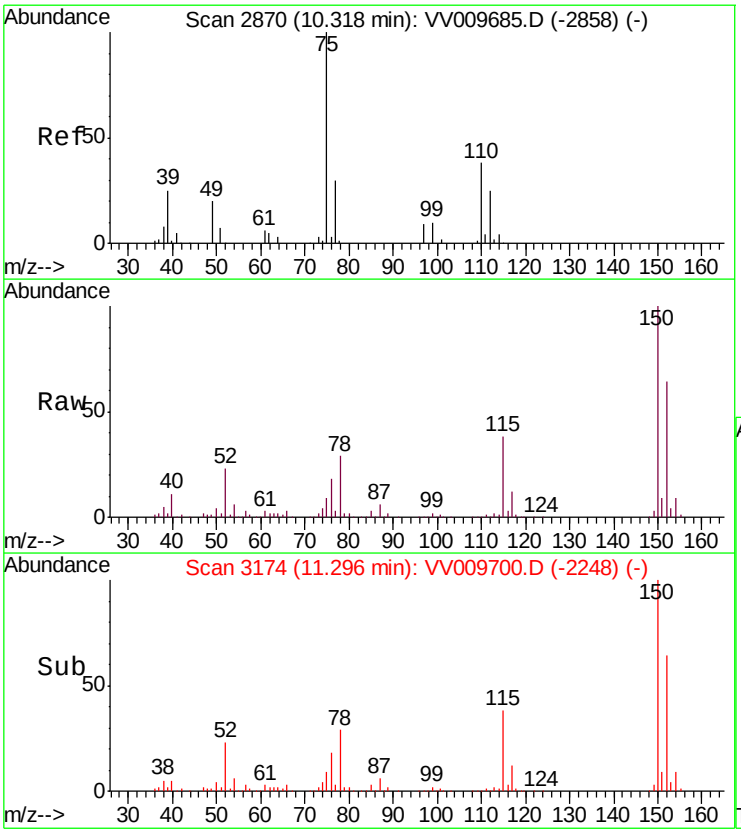
#46
Tetrachloroethene
Concen: 287.287 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Instrument :
MSVOA_V
ClientSampleId :
BF0Y0

Tgt Ion:164 Resp: 259626

Ion	Ratio	Lower	Upper
164	100		
129	101.4	70.8	131.6
131	96.8	68.3	126.9
166	128.7	89.5	166.3





#59
1,2,3-Trichloropropane
Concen: 7.728 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009700.D
Acq: 15 Mar 2019 21:08

Tgt Ion: 75 Resp: 11503

Ion	Ratio	Lower	Upper
75	100		
77	41.0	26.6	40.0#