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

Quantitation Report (Not Reviewed)

Data File : VV009696.D
Acq On : 15 Mar 2019 19:30
Operator : SY/MD
Sample : K1939-13
Misc : 6.43g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0T6

Quant Time: Mar 16 02:37:23 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	155563	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66338	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35270	38.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.62%			
7) Chloroethane-d5	1.55	69	23160	24.17	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 48.34%#			
11) 1,1-Dichloroethene-d2	2.10	63	81995	33.76	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.52%			
21) 2-Butanone-d5	3.95	46	68561	100.77	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.77%			
24) Chloroform-d	4.40	84	91733	45.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.22%			
26) 1,2-Dichloroethane-d4	5.08	65	64241	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.54%			
32) Benzene-d6	5.09	84	188940	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.22%			
36) 1,2-Dichloropropane-d6	6.12	67	58854	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.20%			
41) Toluene-d8	7.36	98	182301	47.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.30%			
43) trans-1,3-Dichloropropene-	7.67	79	27490	44.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.70%			
47) 2-Hexanone-d5	8.14	63	57683	111.14	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.14%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95394	50.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.10%			
64) 1,2-Dichlorobenzene-d4	11.68	152	67671	48.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.70%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	815	0.692	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	688	0.683	ug/L #	1
37) 1,2-Dichloropropane	6.12	63	7023	7.194	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2161	1.389	ug/L #	69
44) trans-1,3-Dichloropropene	7.66	75	1505	1.030	ug/L	84
46) Tetrachloroethene	8.02	164	46088	57.343	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	9177	6.933	ug/L	89

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

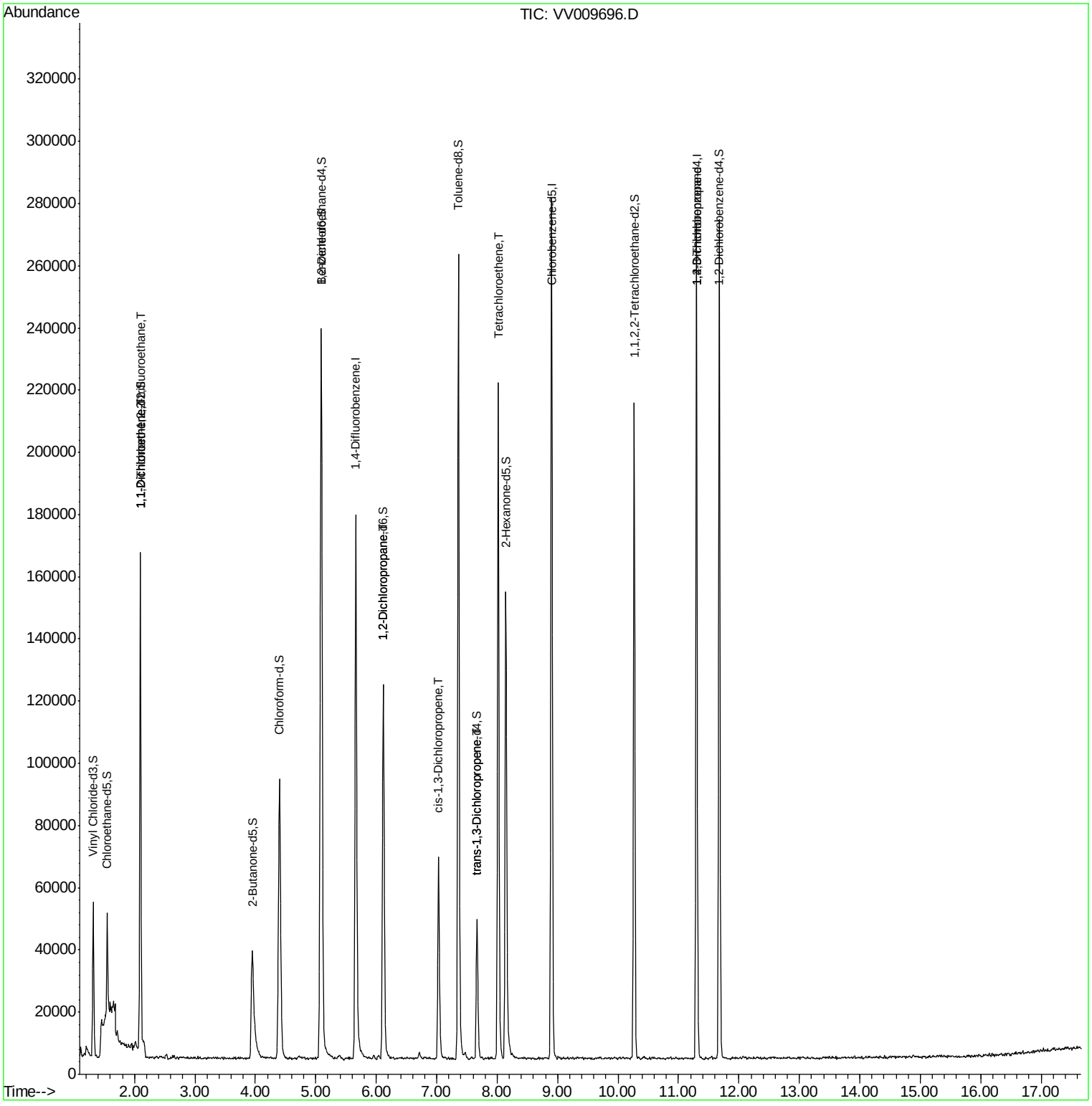
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031619\

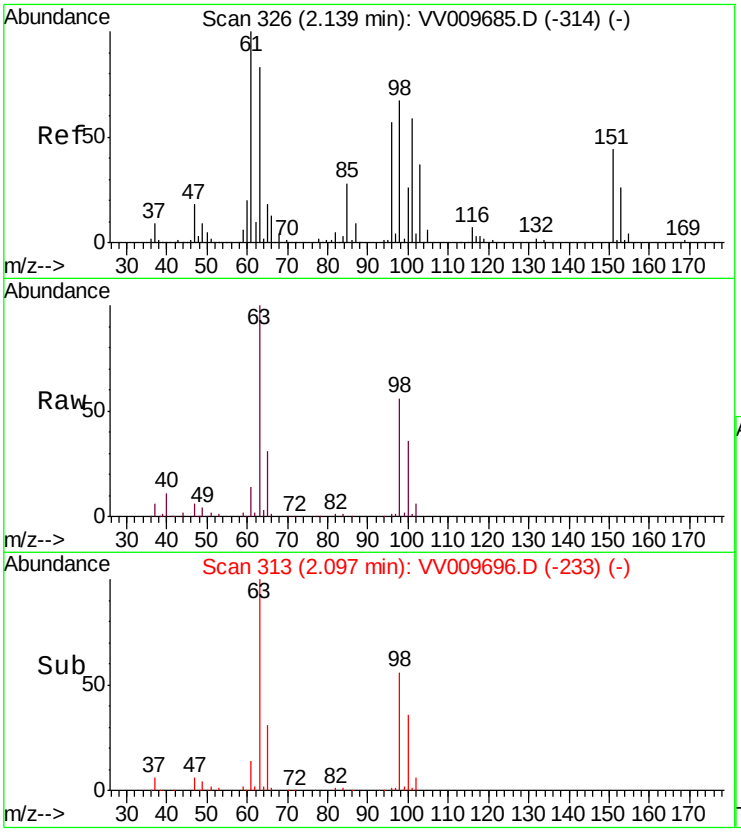
Quantitation Report (Not Reviewed)

Data File : VV009696.D
Acq On : 15 Mar 2019 19:30
Operator : SY/MD
Sample : K1939-13
Misc : 6.43g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0T6

Quant Time: Mar 16 02:37:23 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



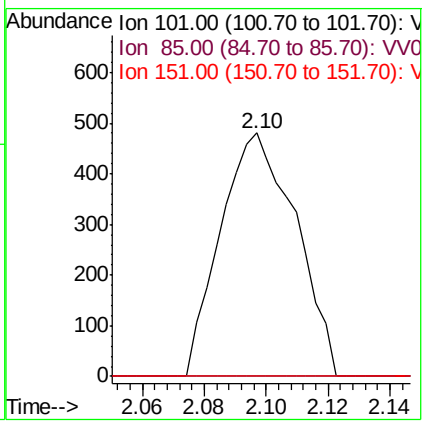


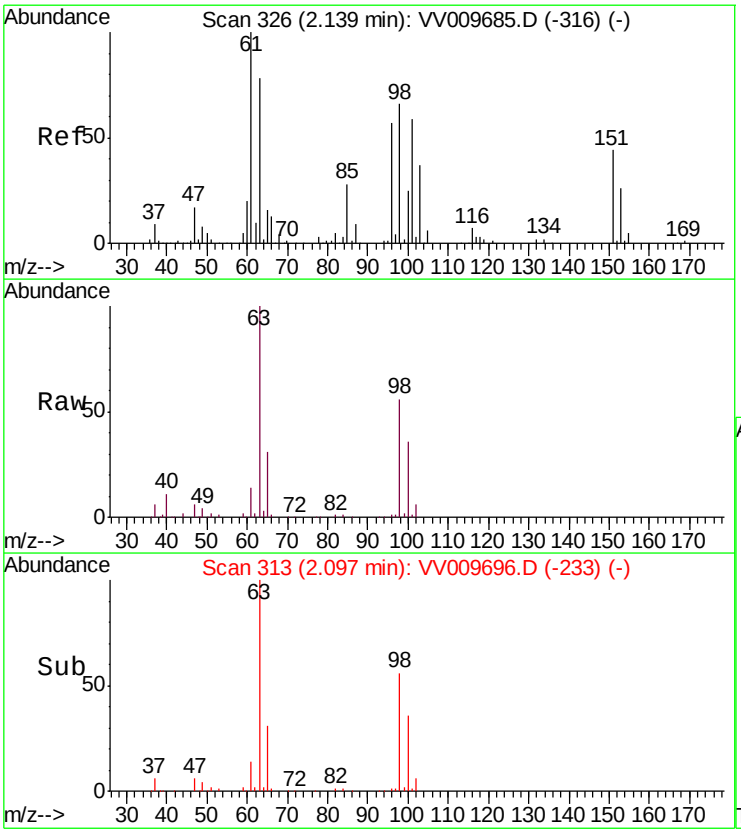
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.692 ug/L
RT: 2.10 min Scan# 313
Delta R.T. -0.04 min
Lab File: VV009696.D
Acq: 15 Mar 2019 19:30

Instrument :
MSVOA_V
ClientSampleId :
BF0T6

Tgt Ion:101 Resp: 815

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

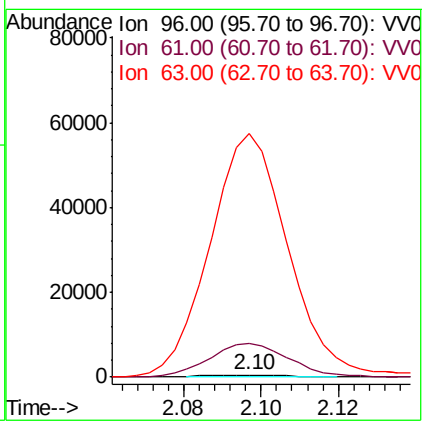


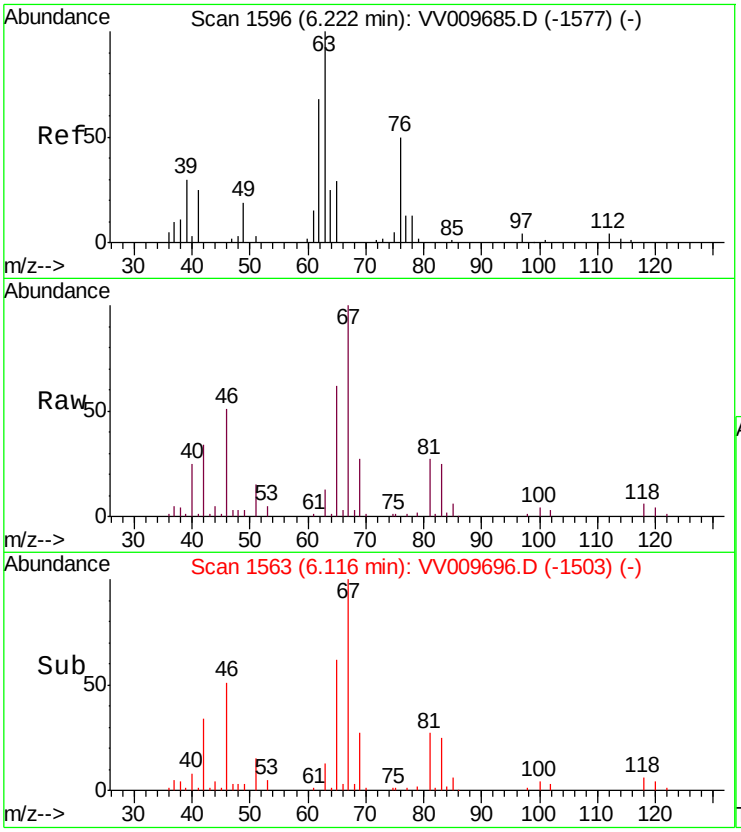


#12
1,1-Dichloroethene
Concen: 0.683 ug/L
RT: 2.10 min Scan# 313
Delta R.T. -0.04 min
Lab File: VV009696.D
Acq: 15 Mar 2019 19:30

Tgt Ion: 96 Resp: 688

Ion	Ratio	Lower	Upper
96	100		
61	1731.6	122.1	226.7#
63	12512.4	107.6	199.8#



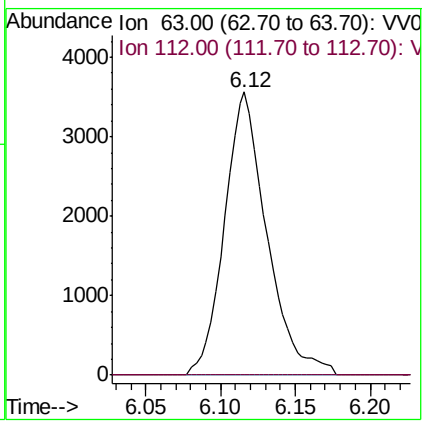


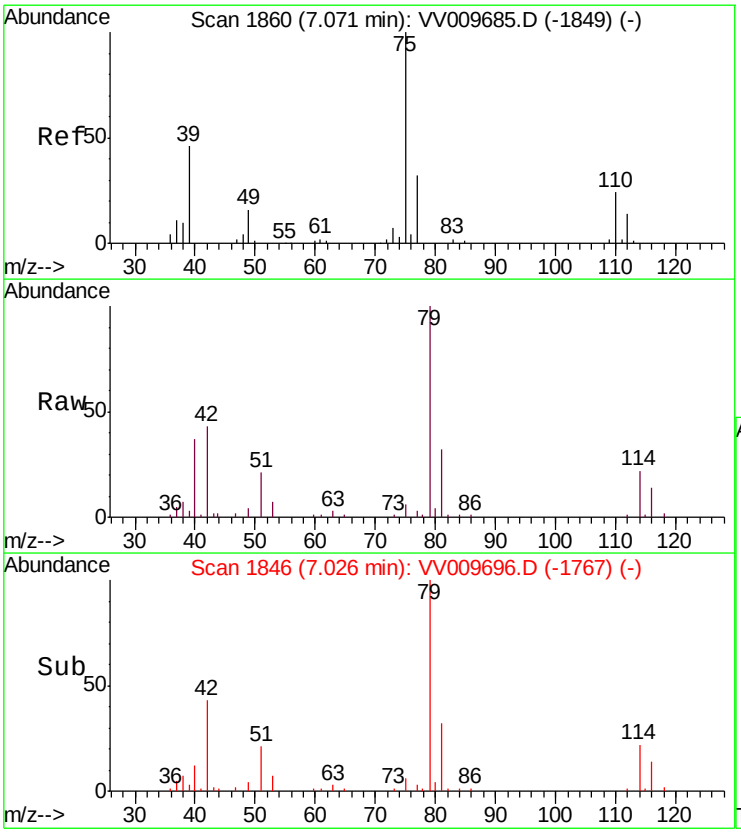
#37
1,2-Dichloropropane
Concen: 7.194 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009696.D
Acq: 15 Mar 2019 19:30

Instrument : MSVOA_V
ClientSampleId : BF0T6

Tgt Ion: 63 Resp: 7023

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

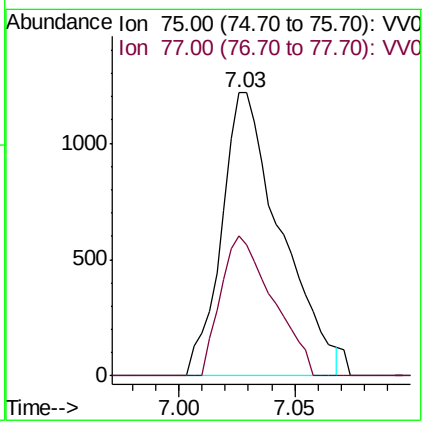


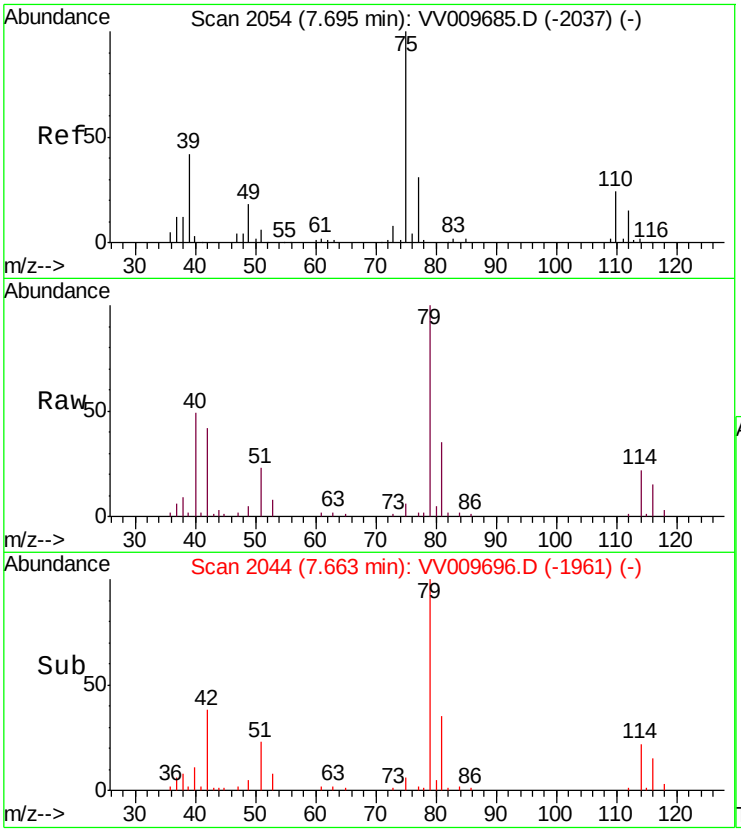


#39
cis-1,3-Dichloropropene
Concen: 1.389 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009696.D
Acq: 15 Mar 2019 19:30

Tgt Ion: 75 Resp: 2161

Ion	Ratio	Lower	Upper
75	100		
77	49.3	22.3	41.5#



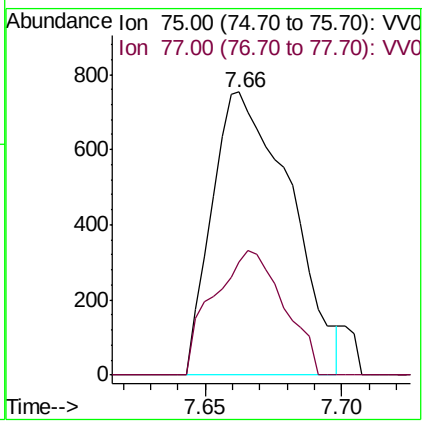


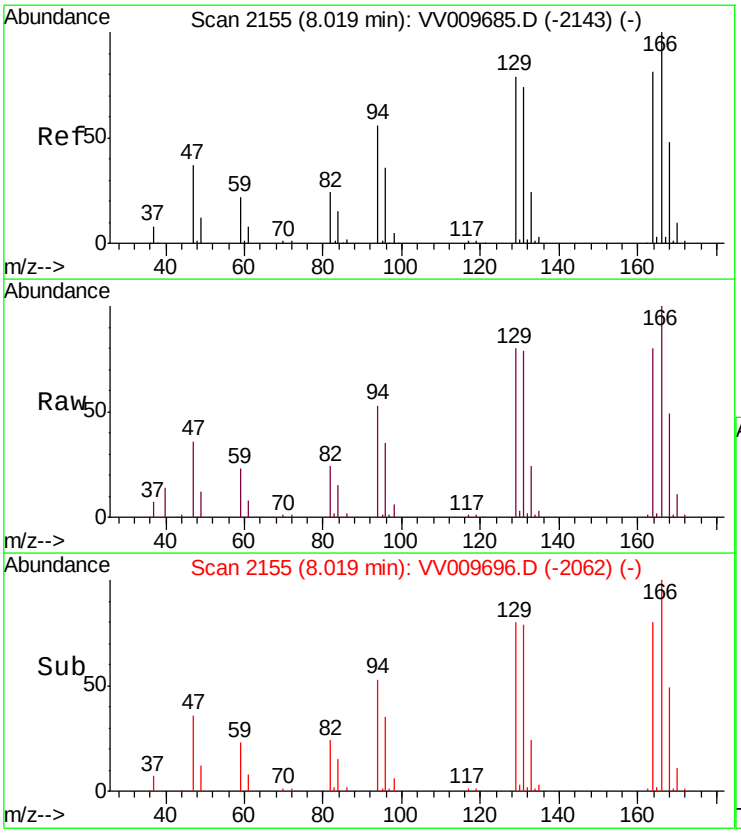
#44
trans-1,3-Dichloropropene
Concen: 1.030 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009696.D
Acq: 15 Mar 2019 19:30

Instrument :
MSVOA_V
ClientSampleId :
BF0T6

Tgt Ion: 75 Resp: 1505

Ion	Ratio	Lower	Upper
75	100		
77	39.8	21.6	40.2

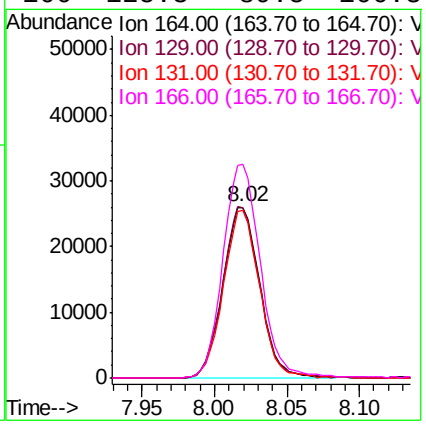


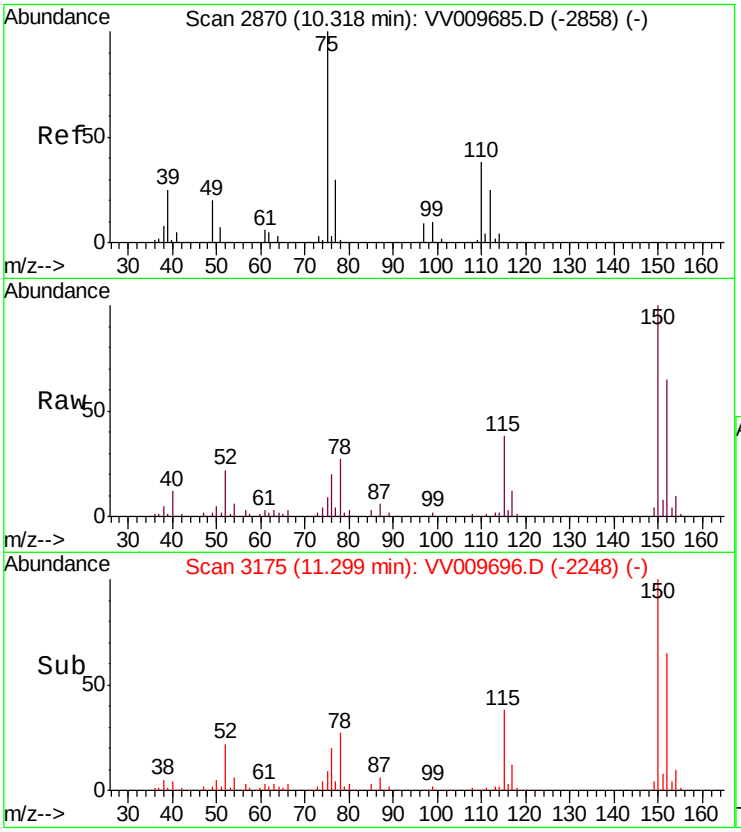


#46
Tetrachloroethene
Concen: 57.343 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009696.D
Acq: 15 Mar 2019 19:30

Tgt Ion:164 Resp: 46088

Ion	Ratio	Lower	Upper
164	100		
129	100.2	70.8	131.6
131	98.5	68.3	126.9
166	125.3	89.5	166.3





#59
1,2,3-Trichloropropane
Concen: 6.933 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009696.D
Acq: 15 Mar 2019 19:30

Instrument :
MSVOA_V
ClientSampleId :
BF0T6

Tgt Ion: 75 Resp: 9177

Ion	Ratio	Lower	Upper
75	100		
77	39.4	26.6	40.0