Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031719\

Quantitation Report (Not Reviewed)

Data File : VV009742.D
Acq On : 16 Mar 2019 20:53
Operator : SY/MD
Sample : K1949-10
Misc : 5.73G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0Z1

Quant Time: Mar 18 07:46:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	199162	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78889	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	60479	45.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.08%			
7) Chloroethane-d5	1.55	69	30663	30.95	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.90%#			
11) 1,1-Dichloroethene-d2	2.09	63	104953	36.70	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.40%			
21) 2-Butanone-d5	3.95	46	78496	98.14	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.14%			
24) Chloroform-d	4.40	84	113520	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.04%			
26) 1,2-Dichloroethane-d4	5.08	65	75070	50.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.28%			
32) Benzene-d6	5.09	84	248929	51.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.02%			
36) 1,2-Dichloropropane-d6	6.12	67	73964	49.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.58%			
41) Toluene-d8	7.36	98	236528	50.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.76%			
43) trans-1,3-Dichloropropene-	7.67	79	34904	49.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.36%			
47) 2-Hexanone-d5	8.15	63	65184	107.80	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.80%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	107645	47.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.52%			
64) 1,2-Dichlorobenzene-d4	11.68	152	84286	52.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.60%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1093	0.798	ug/L #	19
12) 1,1-Dichloroethene	2.09	96	829	0.698	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	2130	1.463	ug/L	93
34) Trichloroethene	5.96	95	7524	5.664	ug/L	93
37) 1,2-Dichloropropane	6.12	63	8407	6.468	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2649	1.334	ug/L #	61
44) trans-1,3-Dichloropropene	7.66	75	1422	0.756	ug/L	94
46) Tetrachloroethene	8.02	164	36972	33.338	ug/L	96
48) 2-Hexanone	8.15	43	7458	5.871	ug/L #	69
59) 1,2,3-Trichloropropane	11.30	75	10260	6.000	ug/L	98

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

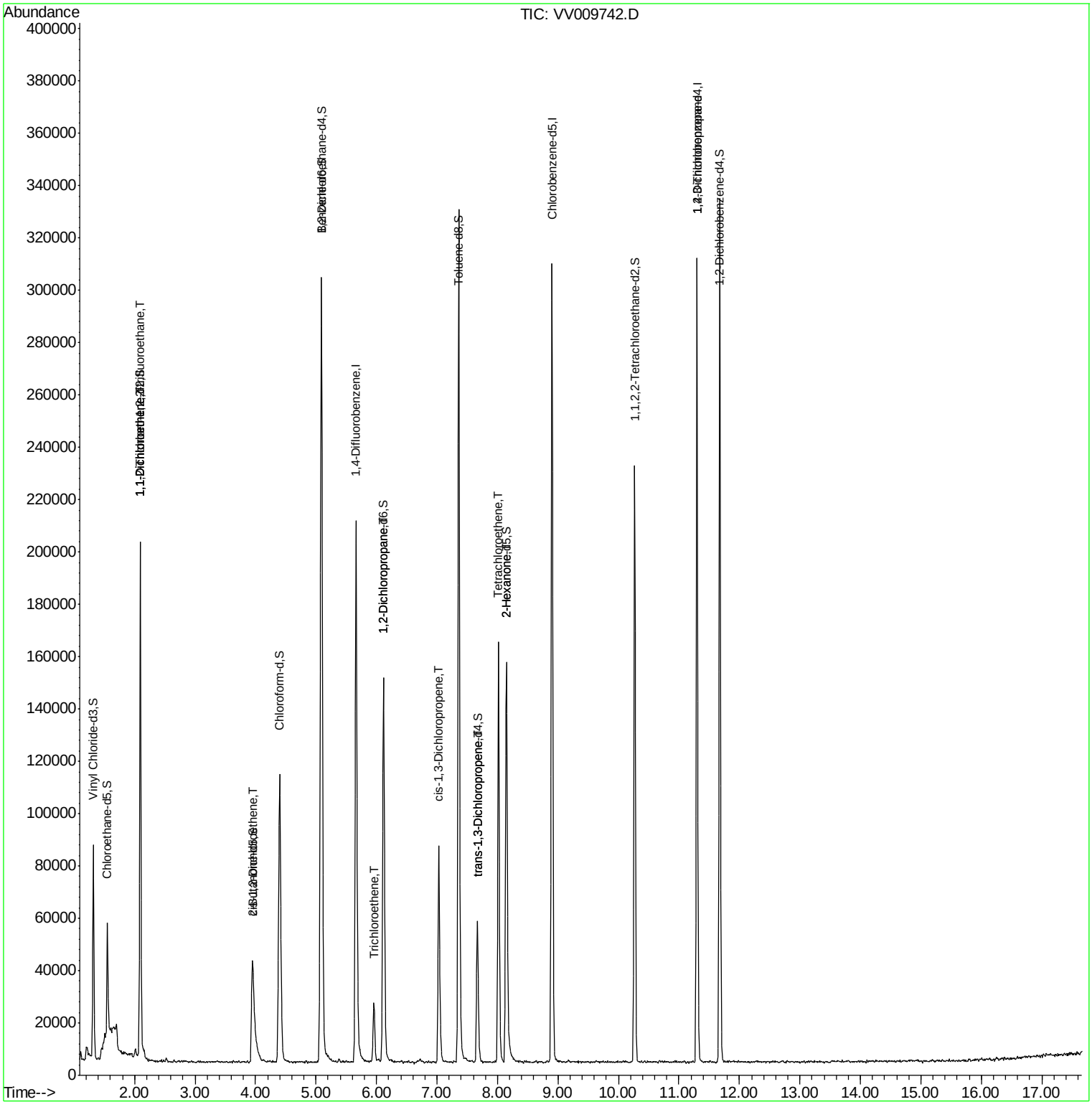
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031719\

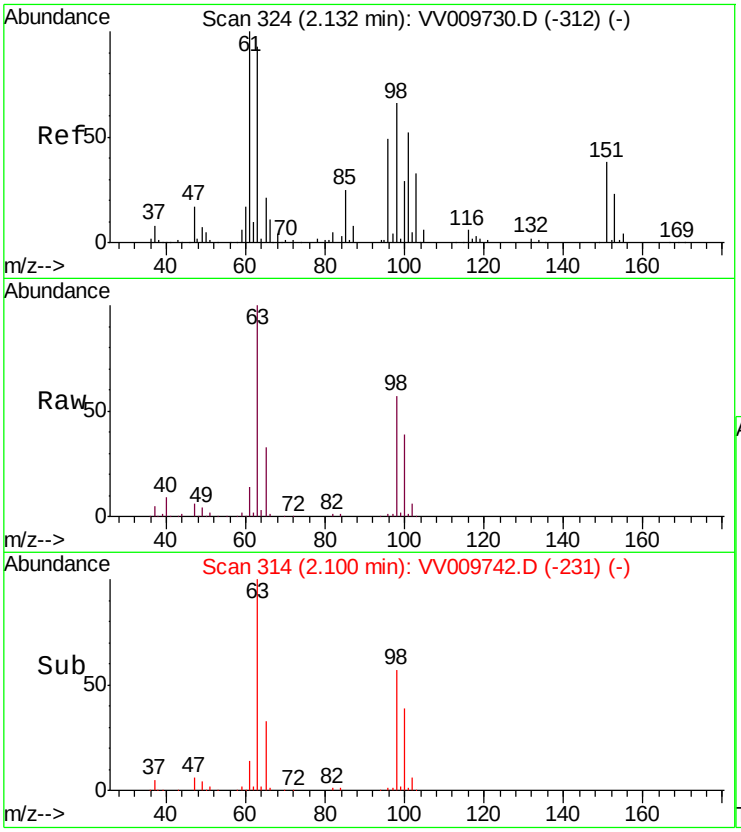
Quantitation Report (Not Reviewed)

Data File : VV009742.D
Acq On : 16 Mar 2019 20:53
Operator : SY/MD
Sample : K1949-10
Misc : 5.73G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Z1

Quant Time: Mar 18 07:46:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration



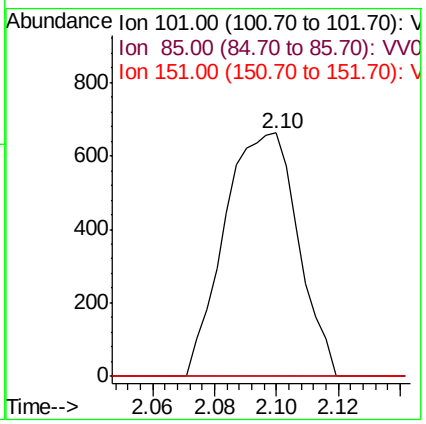


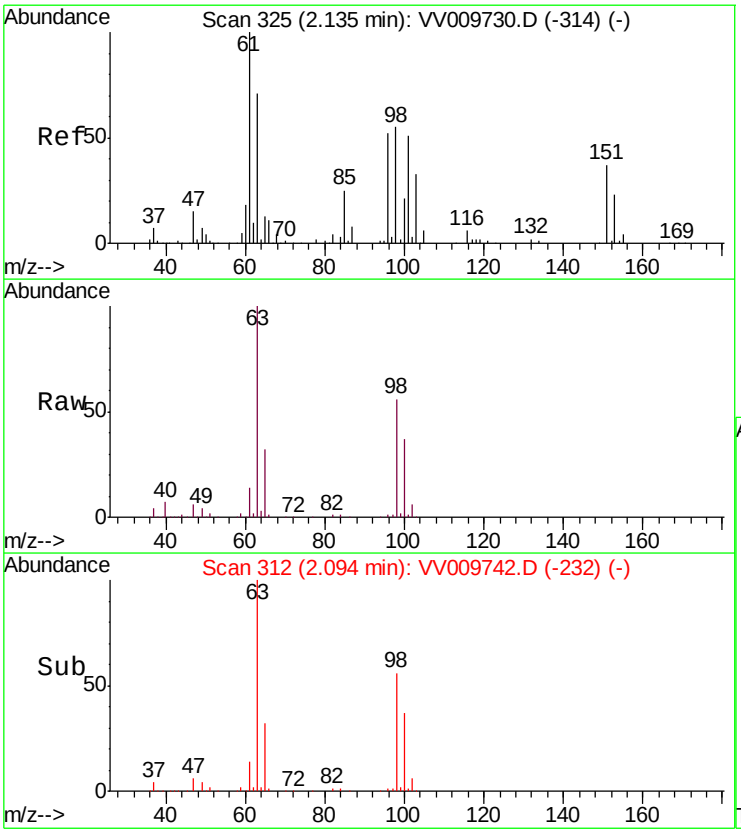
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.798 ug/L
RT: 2.10 min Scan# 314
Delta R.T. -0.03 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Instrument :
MSVOA_V
ClientSampleId :
BF0Z1

Tgt Ion:101 Resp: 1093

Ion	Ratio	Lower	Upper
101	100		
85	0.0	38.5	57.7#
151	0.0	58.9	88.3#

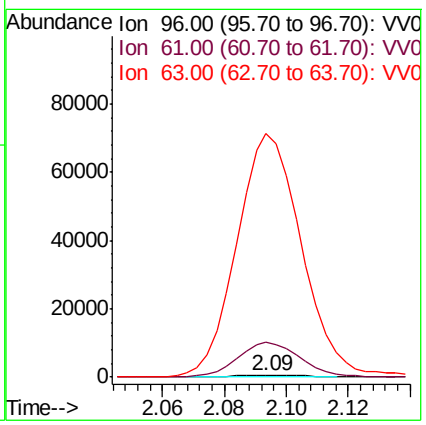


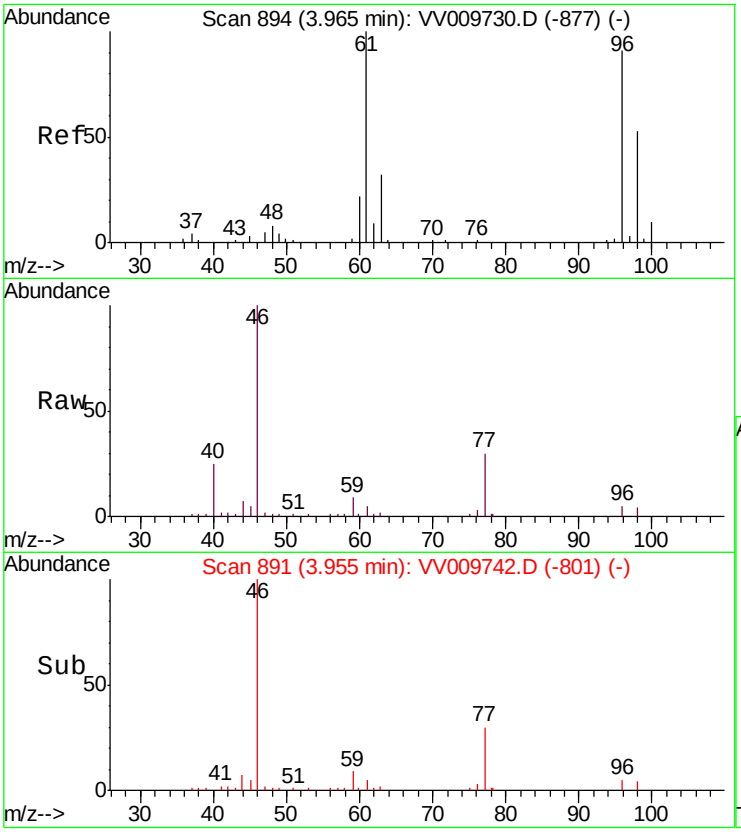


#12
1,1-Dichloroethene
Concen: 0.698 ug/L
RT: 2.09 min Scan# 312
Delta R.T. -0.04 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Tgt Ion: 96 Resp: 829

Ion	Ratio	Lower	Upper
96	100		
61	2333.6	135.5	251.7#
63	16388.0	100.2	186.2#



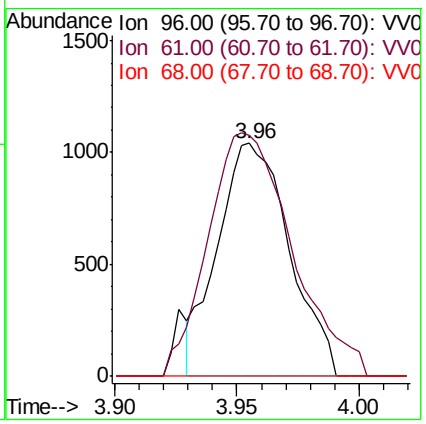


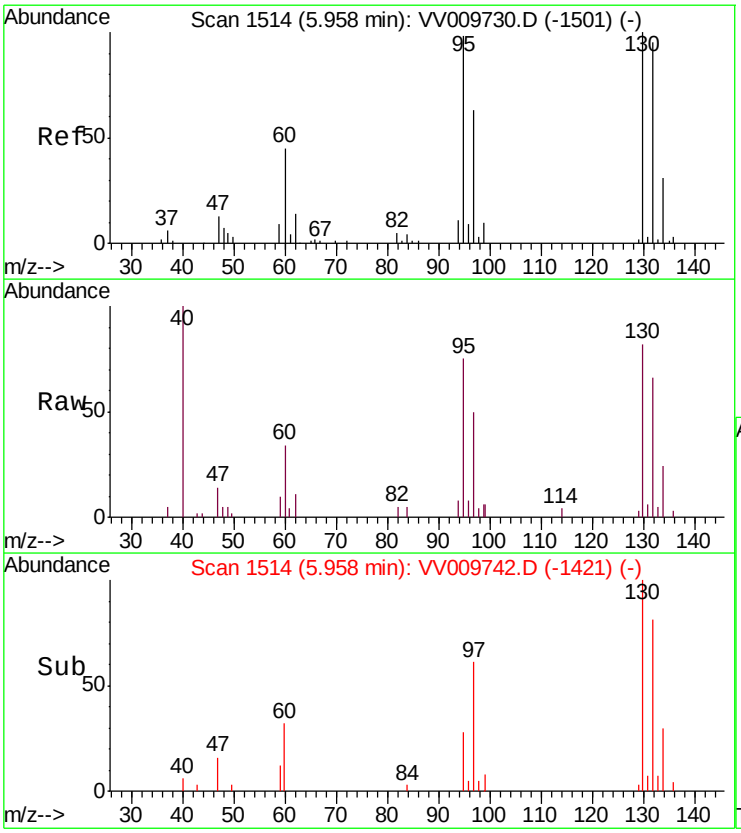
#20
cis-1,2-Dichloroethene
Concen: 1.463 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Instrument :
MSVOA_V
ClientSampleId :
BF0Z1

Tgt Ion: 96 Resp: 2130

Ion	Ratio	Lower	Upper
96	100		
61	103.6	77.5	143.9
68	0.0	0.0	0.0

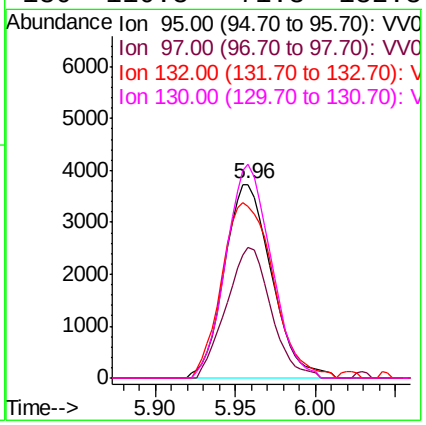


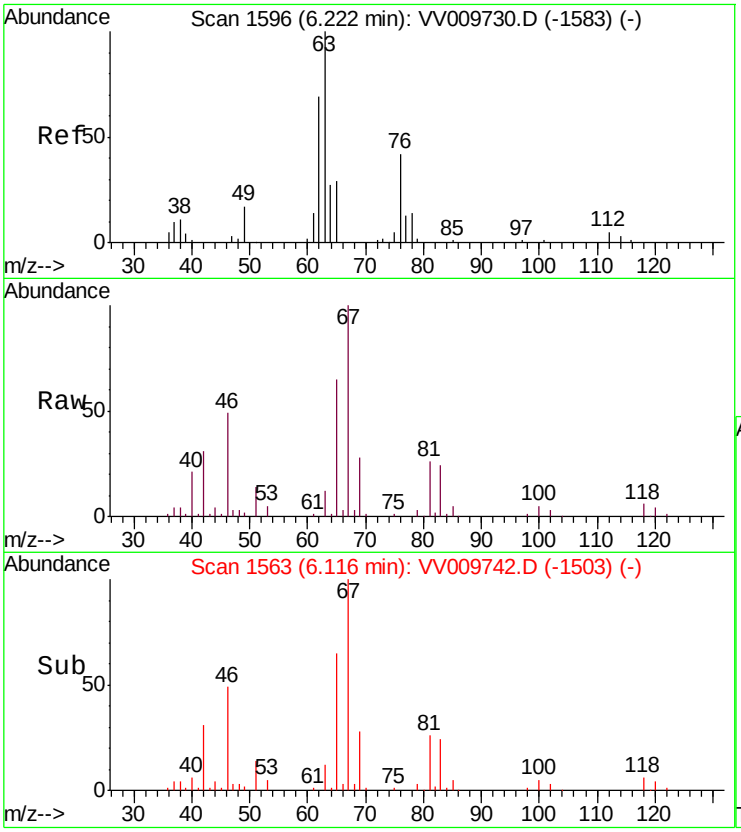


#34
Trichloroethene
Concen: 5.664 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Tgt Ion: 95 Resp: 7524

Ion	Ratio	Lower	Upper
95	100		
97	67.2	45.1	83.9
132	88.8	68.0	126.2
130	110.3	71.3	132.3



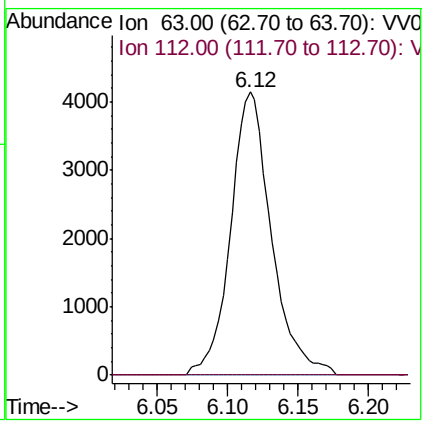


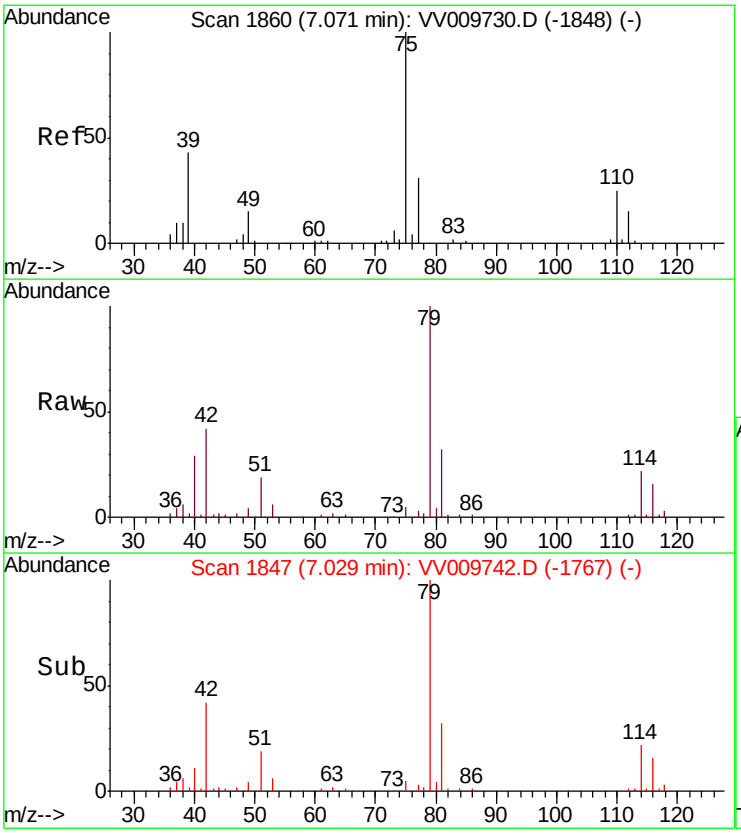
#37
1,2-Dichloropropane
Concen: 6.468 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Instrument : MSVOA_V
ClientSampleId : BF0Z1

Tgt Ion: 63 Resp: 8407

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

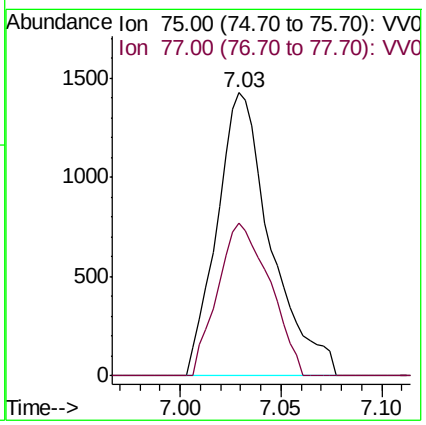


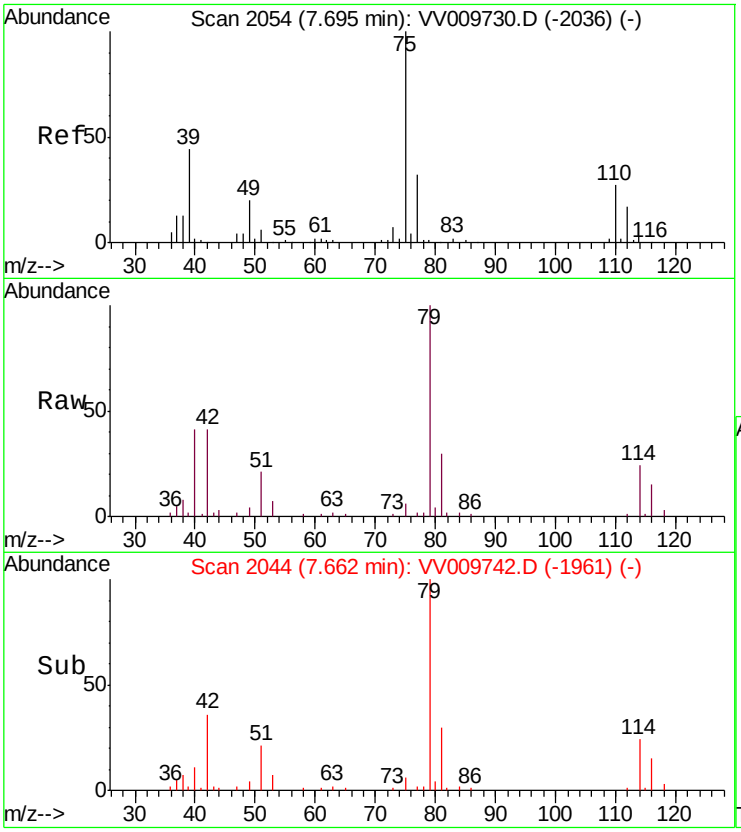


#39
cis-1,3-Dichloropropene
Concen: 1.334 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Tgt Ion: 75 Resp: 2649

Ion	Ratio	Lower	Upper
75	100		
77	53.8	22.4	41.6#



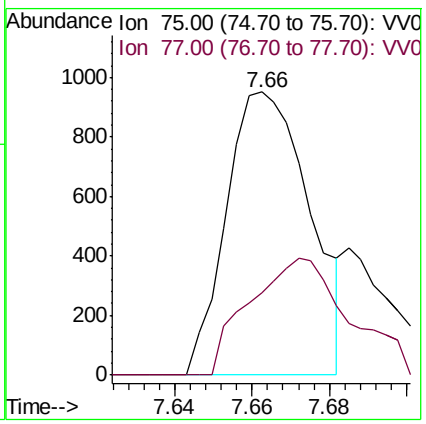


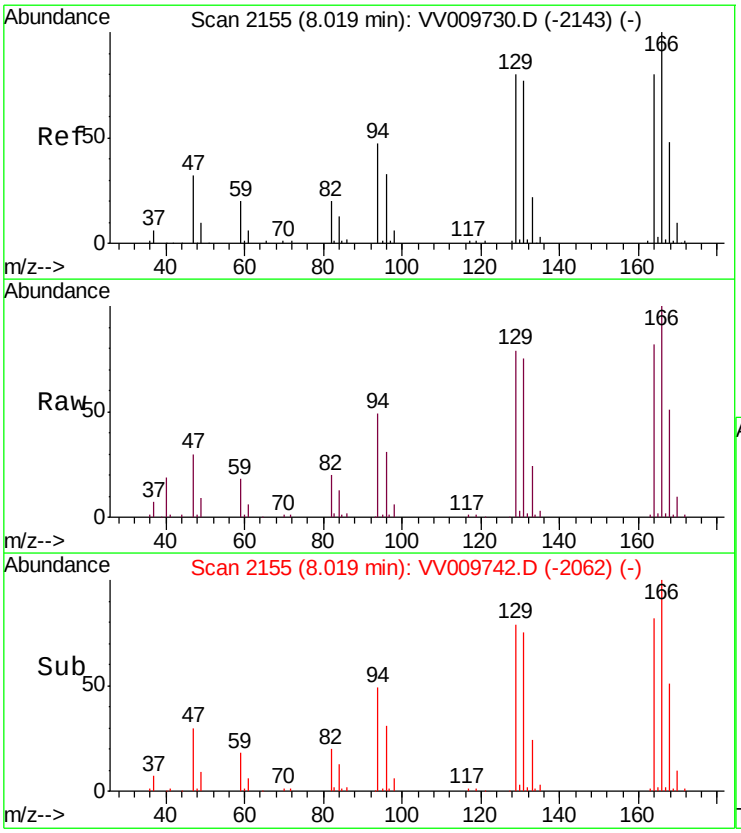
#44
trans-1,3-Dichloropropene
Concen: 0.756 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Instrument :
MSVOA_V
ClientSampleId :
BF0Z1

Tgt Ion: 75 Resp: 1422

Ion	Ratio	Lower	Upper
75	100		
77	29.0	22.5	41.7

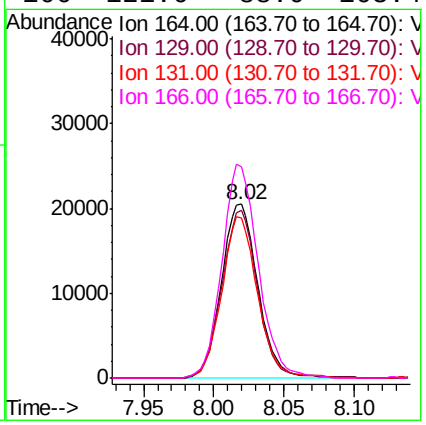


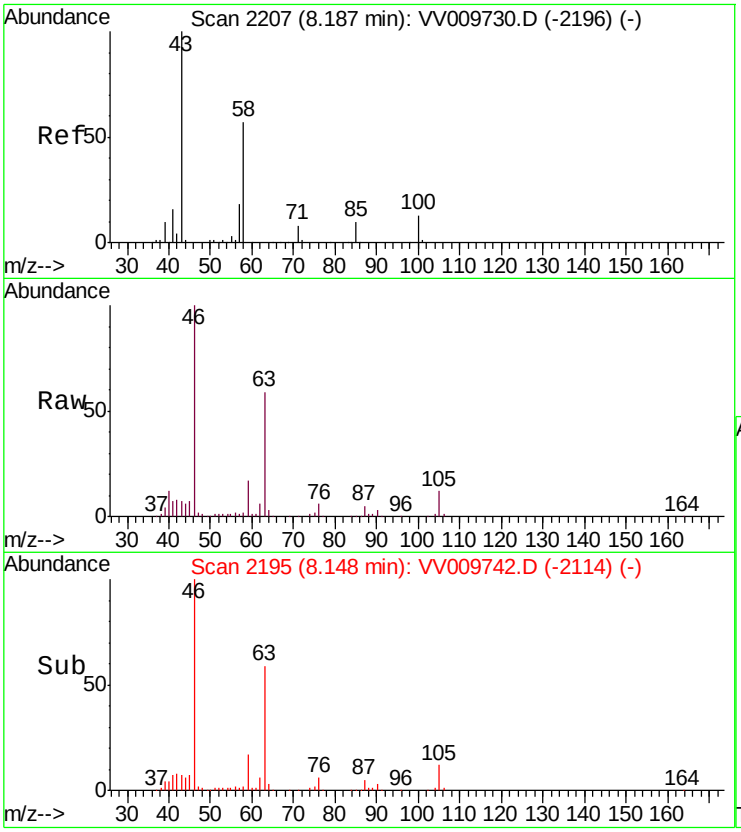


#46
Tetrachloroethene
Concen: 33.338 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Tgt Ion:164 Resp: 36972

Ion	Ratio	Lower	Upper
164	100		
129	96.3	70.0	130.0
131	91.7	67.5	125.4
166	121.6	88.0	163.4



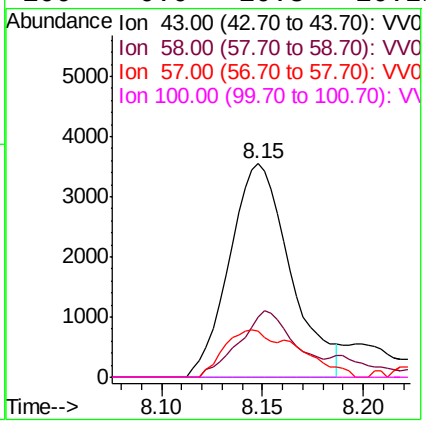


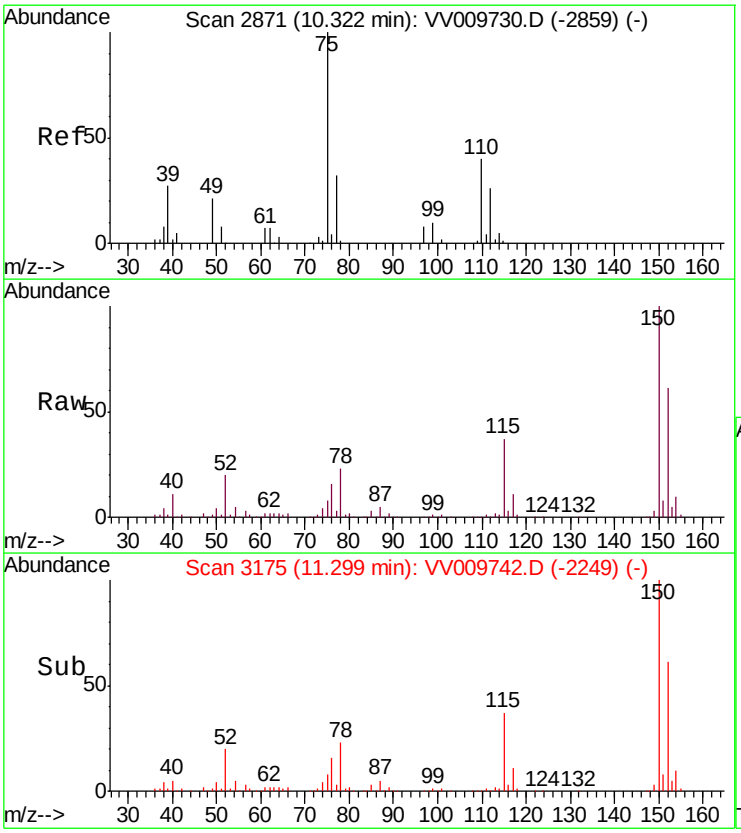
#48
2-Hexanone
Concen: 5.871 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. -0.04 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Instrument : MSVOA_V
ClientSampleId : BF0Z1

Tgt Ion: 43 Resp: 7458

Ion	Ratio	Lower	Upper
43	100		
58	28.5	46.0	69.0#
57	17.6	14.8	22.2
100	0.0	10.8	16.2#





#59
1,2,3-Trichloropropane
Concen: 6.000 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009742.D
Acq: 16 Mar 2019 20:53

Tgt Ion: 75 Resp: 10260

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.2	39.4