Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031819\

Quantitation Report (Not Reviewed)

Data File : VV009755.D
Acq On : 18 Mar 2019 13:45
Operator : SY/MD
Sample : K1918-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0996

Quant Time: Mar 19 04:32:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142065	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51621	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44630	46.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.18%			
7) Chloroethane-d5	1.56	69	36017	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.94%			
11) 1,1-Dichloroethene-d2	2.12	63	74156	36.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.72%			
21) 2-Butanone-d5	3.93	46	54403	95.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.35%			
24) Chloroform-d	4.40	84	81408	46.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.52%			
26) 1,2-Dichloroethane-d4	5.08	65	52219	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.78%			
32) Benzene-d6	5.10	84	174675	50.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.22%			
36) 1,2-Dichloropropane-d6	6.12	67	51829	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.66%			
41) Toluene-d8	7.36	98	164743	49.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.22%			
43) trans-1,3-Dichloropropene-	7.66	79	24227	48.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.52%			
47) 2-Hexanone-d5	8.13	63	40978	95.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.82%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	73884	46.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.70%			
64) 1,2-Dichlorobenzene-d4	11.68	152	54080	51.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.54%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.12	101	706	0.400	ug/L #	29
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	706	0.722	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	609	0.719	ug/L #	1
13) Acetone	2.19	43	1965	3.636	ug/L	97
27) 1,2-Dichloroethane	5.10	62	773	0.592	ug/L #	74
33) Benzene	5.10	78	1375	0.381	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	1605	1.143	ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	1227	0.923	ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	6868	5.678	ug/L	100

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

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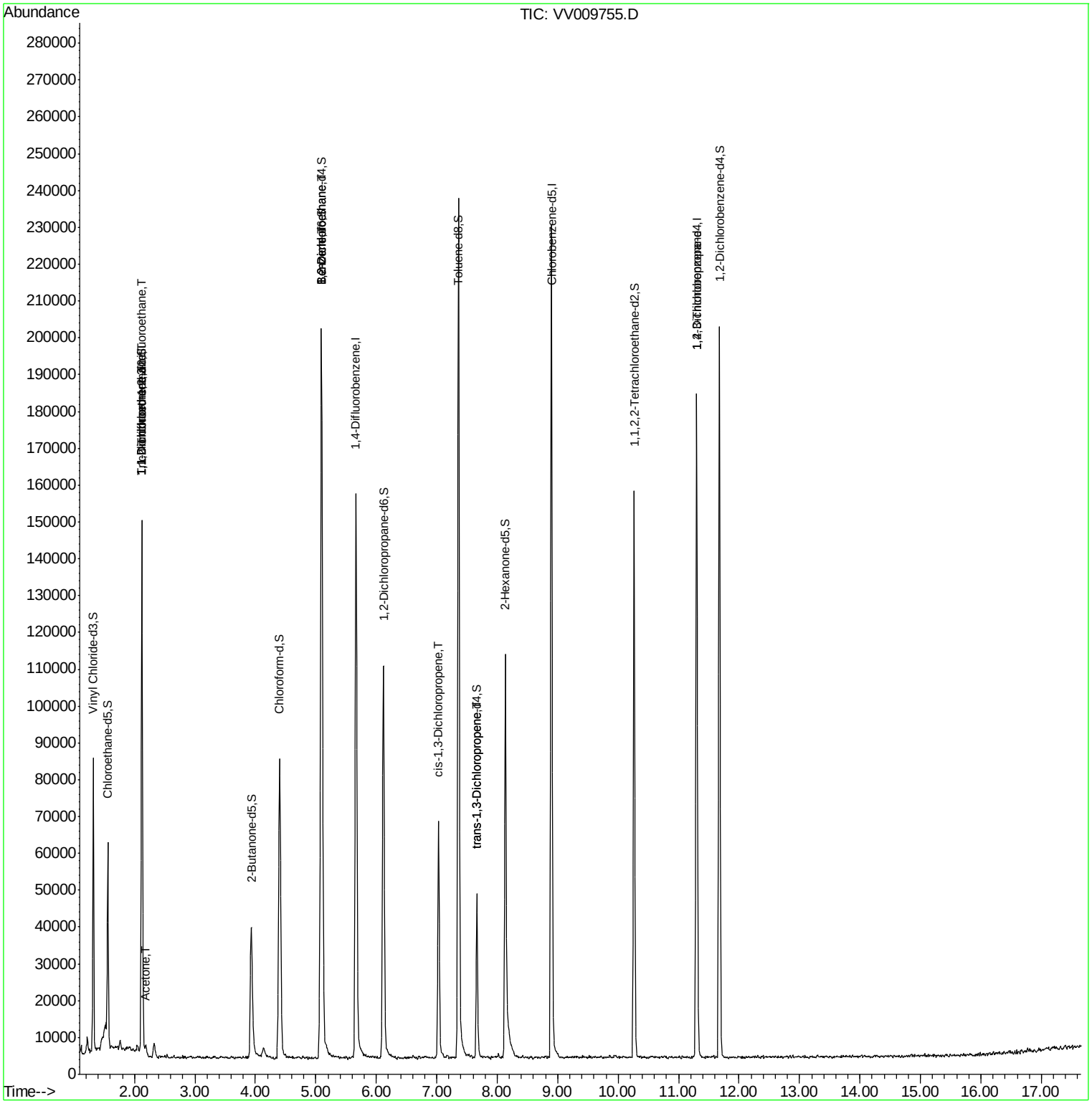
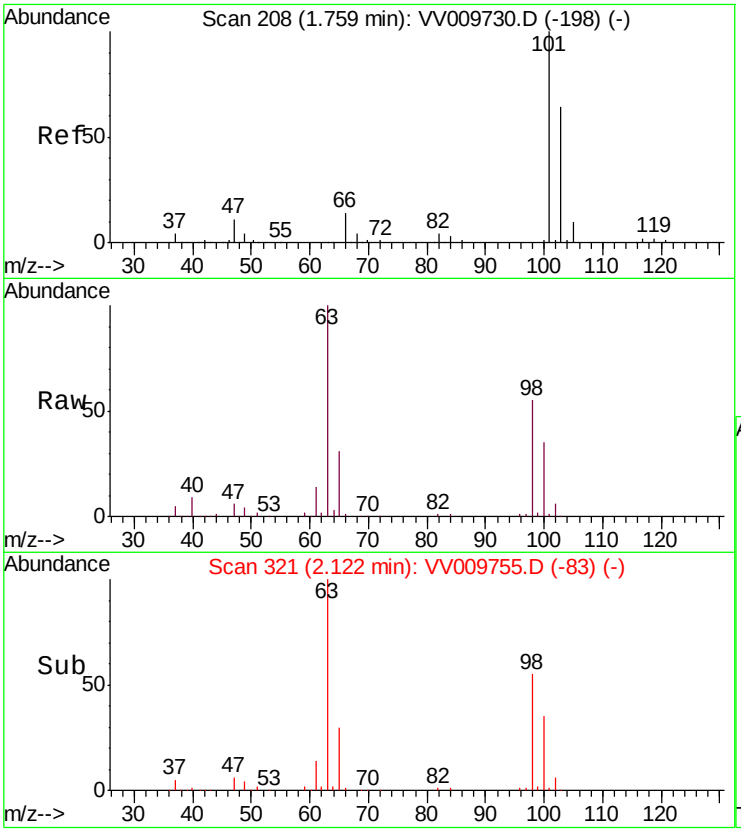
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration



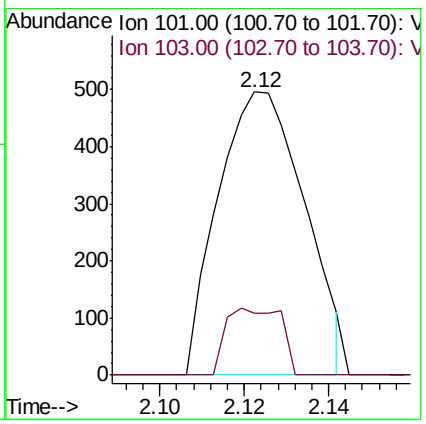


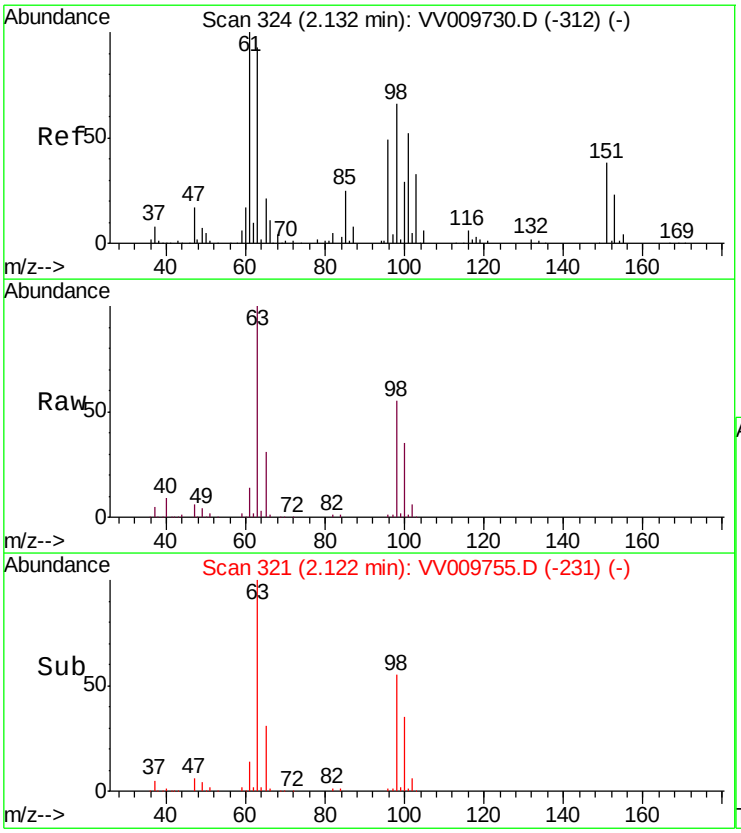
#9
Trichlorofluoromethane
Concen: 0.400 ug/L
RT: 2.12 min Scan# 321
Delta R.T. 0.37 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Instrument : MSVOA_V
ClientSampleId : C0996

Tgt Ion:101 Resp: 706

Ion	Ratio	Lower	Upper
101	100		
103	8.9	52.3	78.5#

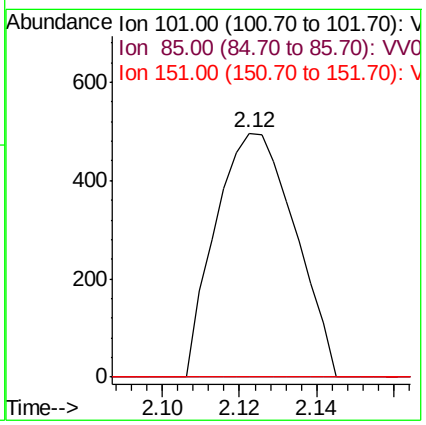


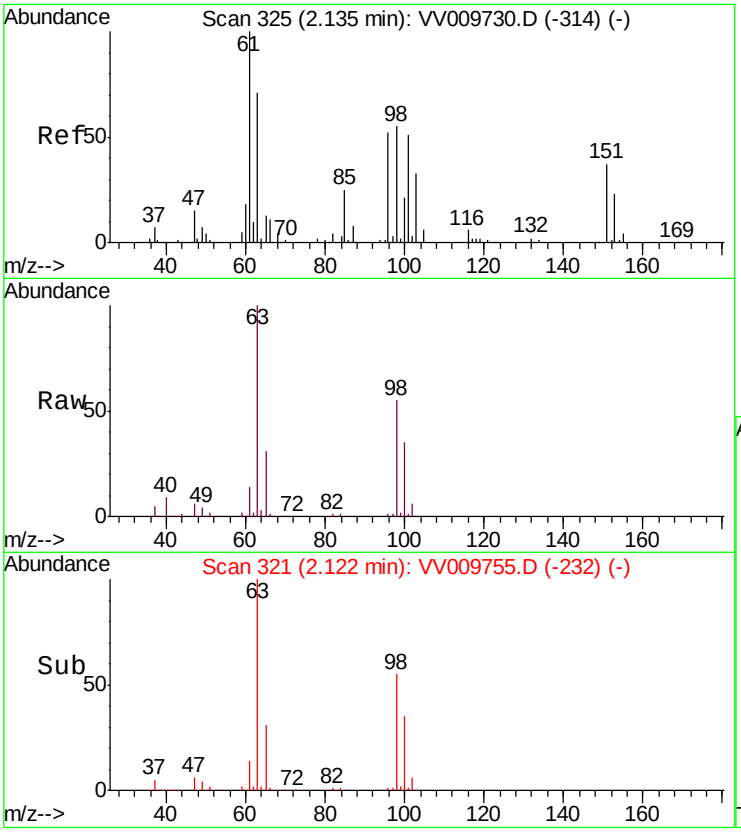


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.722 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Tgt Ion:101 Resp: 706

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



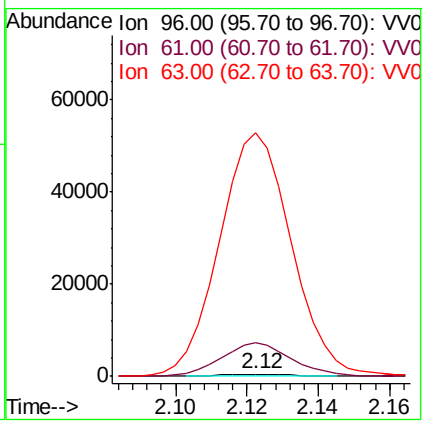


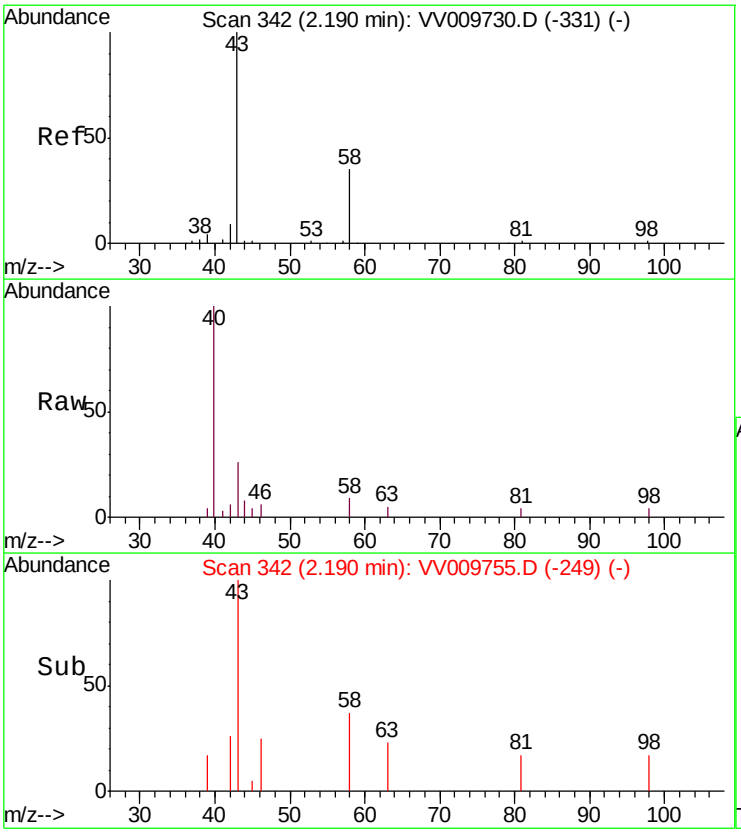
#12
1,1-Dichloroethene
Concen: 0.719 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Instrument : MSVOA_V
ClientSampleId : C0996

Tgt Ion: 96 Resp: 609

Ion	Ratio	Lower	Upper
96	100		
61	1661.7	135.5	251.7#
63	11849.3	100.2	186.2#

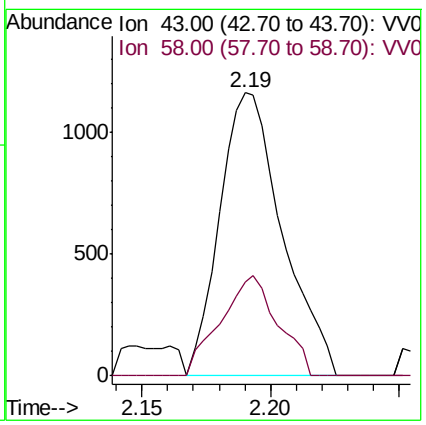


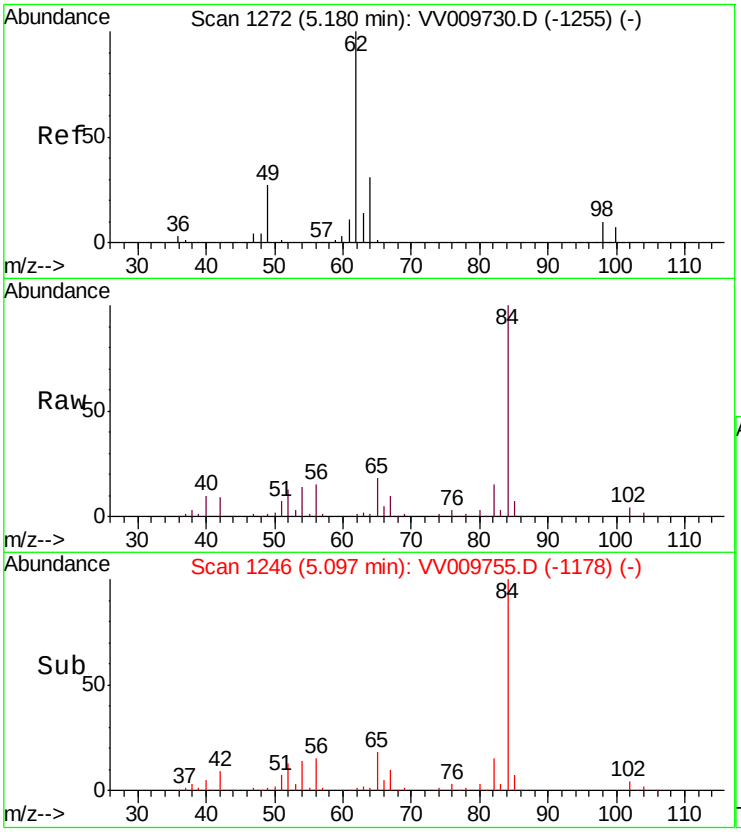


#13
Acetone
Concen: 3.636 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Tgt Ion: 43 Resp: 1965

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	67.8



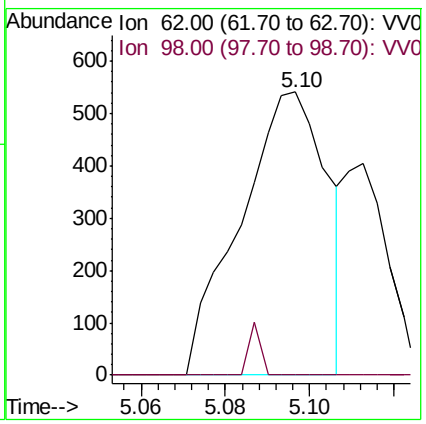


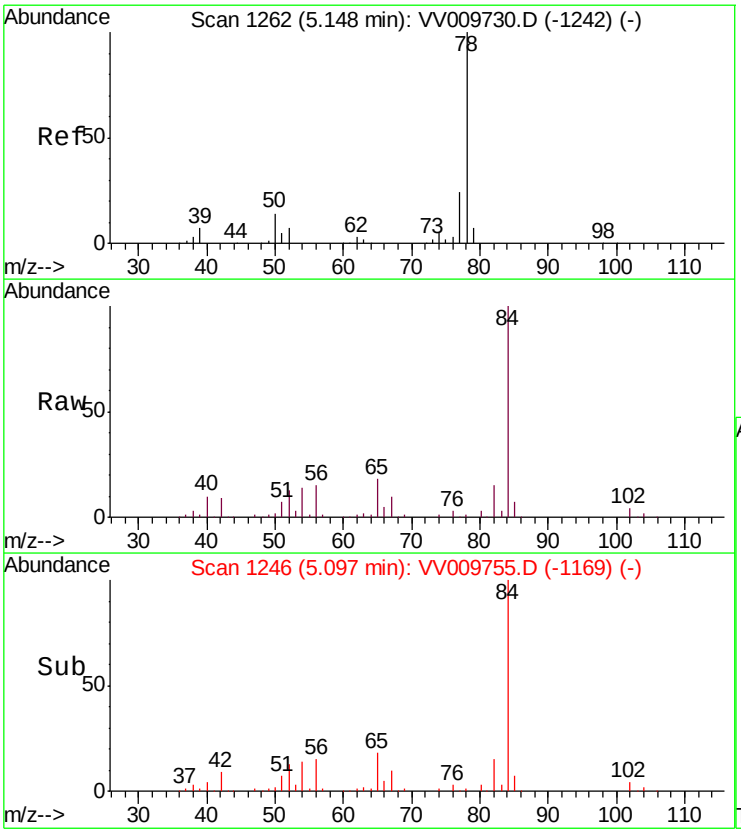
#27
1,2-Dichloroethane
Concen: 0.592 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Instrument :
MSVOA_V
ClientSampleId :
C0996

Tgt Ion: 62 Resp: 773

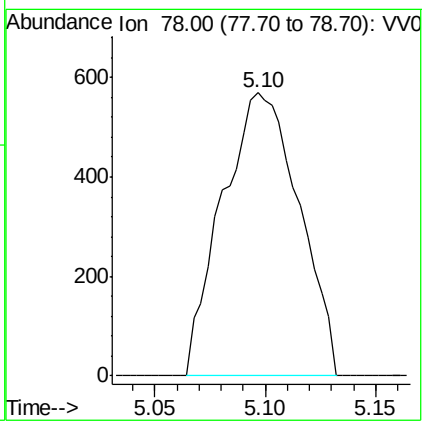
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.6#

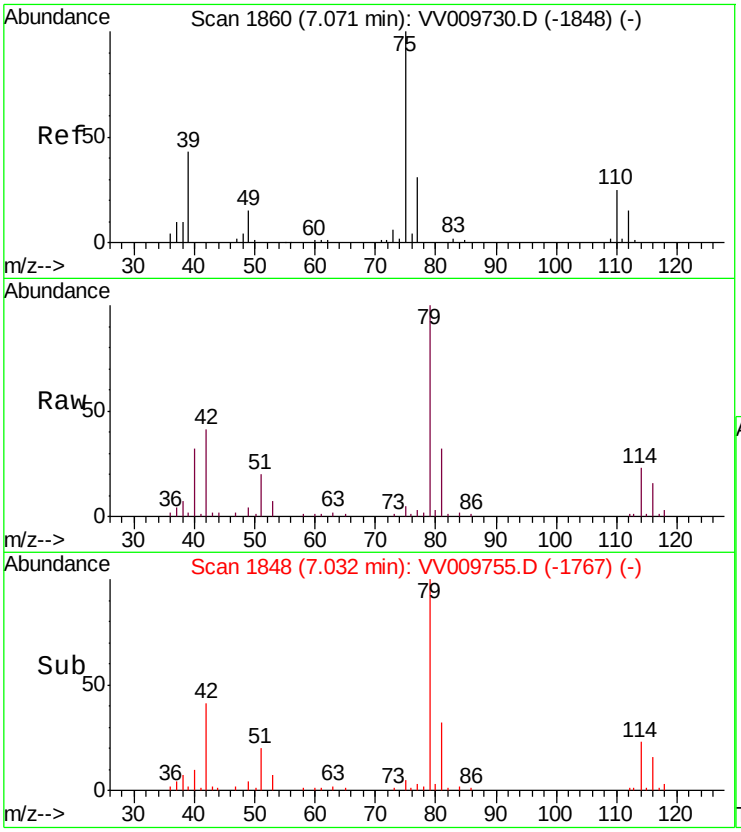




#33
Benzene
Concen: 0.381 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.05 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Tgt Ion: 78 Resp: 1375



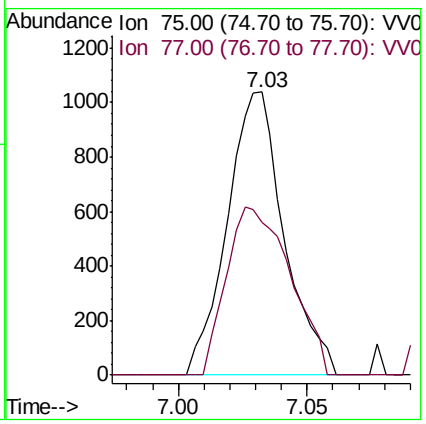


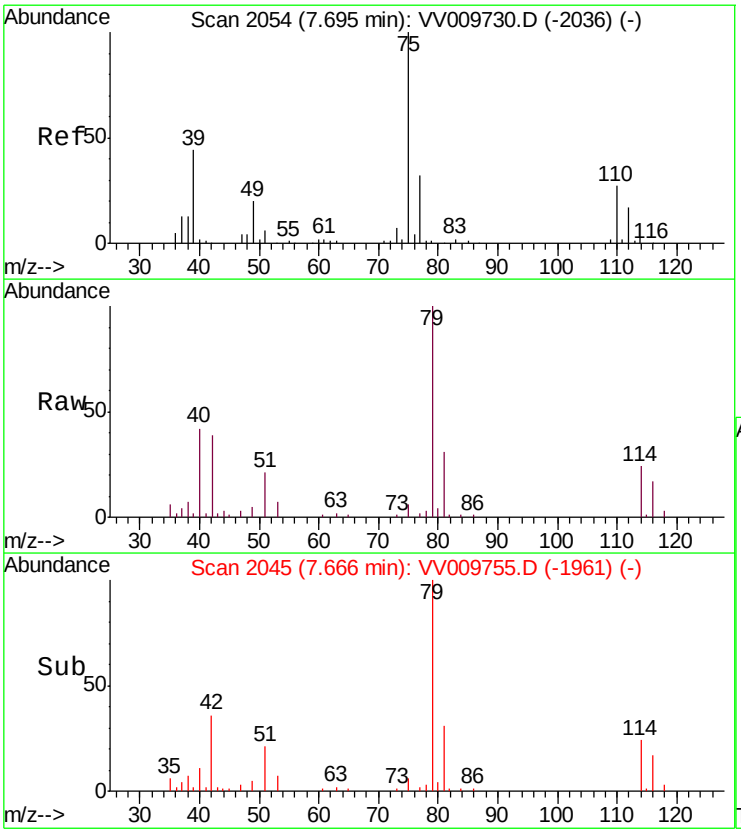
#39
cis-1,3-Dichloropropene
Concen: 1.143 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Instrument :
MSVOA_V
ClientSampleId :
C0996

Tgt Ion: 75 Resp: 1605

Ion	Ratio	Lower	Upper
75	100		
77	53.9	22.4	41.6#

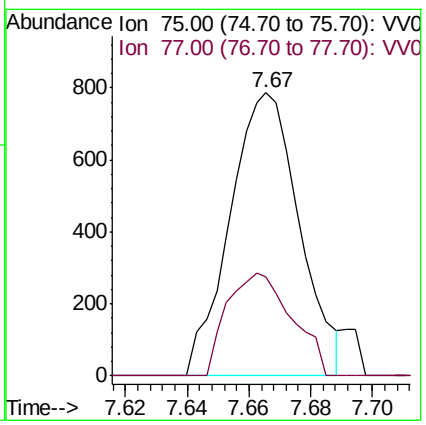


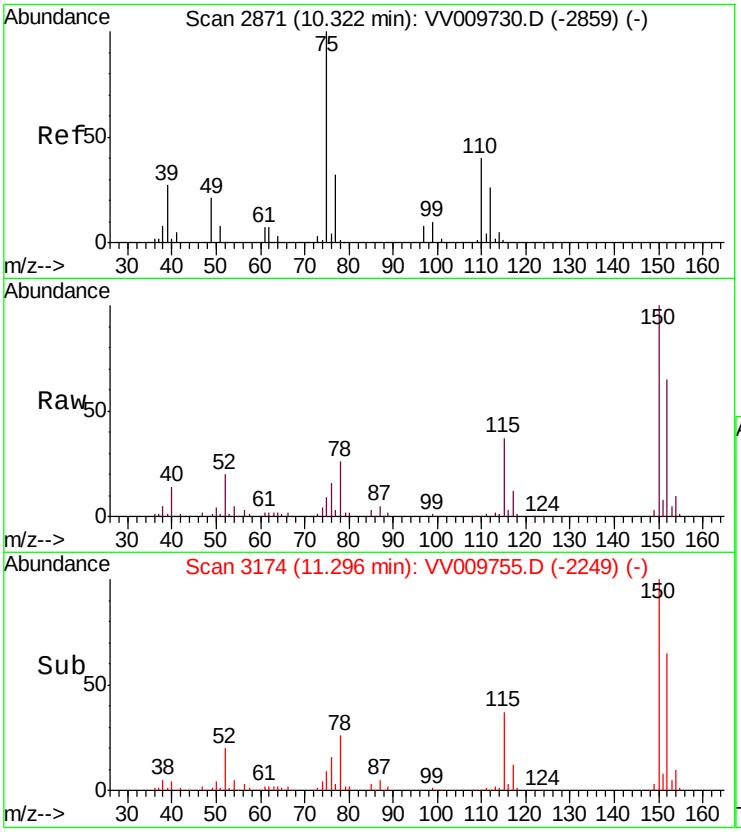


#44
trans-1,3-Dichloropropene
Concen: 0.923 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Tgt Ion: 75 Resp: 1227

Ion	Ratio	Lower	Upper
75	100		
77	35.0	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 5.678 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009755.D
Acq: 18 Mar 2019 13:45

Instrument :
MSVOA_V
ClientSampleId :
C0996

Tgt Ion: 75 Resp: 6868

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.2	39.4