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

Quantitation Report (Not Reviewed)

Data File : VV009758.D
Acq On : 18 Mar 2019 14:58
Operator : SY/MD
Sample : K1918-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09A2

Quant Time: Mar 19 04:33:21 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	5.67	114	142515	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134287	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52612	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	44914	46.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.48%			
7) Chloroethane-d5	1.56	69	35841	50.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.12%			
11) 1,1-Dichloroethene-d2	2.12	63	72964	35.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.32%			
21) 2-Butanone-d5	3.93	46	57393	100.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.28%			
24) Chloroform-d	4.40	84	83303	47.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.38%			
26) 1,2-Dichloroethane-d4	5.08	65	53096	49.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.12%			
32) Benzene-d6	5.10	84	179191	51.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.12%			
36) 1,2-Dichloropropane-d6	6.12	67	52818	49.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.88%			
41) Toluene-d8	7.36	98	165049	48.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.76%			
43) trans-1,3-Dichloropropene-	7.66	79	23917	47.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.68%			
47) 2-Hexanone-d5	8.13	63	41214	94.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.78%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74085	45.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.42%			
64) 1,2-Dichlorobenzene-d4	11.68	152	56280	52.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.74%			
Target Compounds						Qvalue
8) Chloroethane	1.21	64	45606	70.916	ug/L #	48
9) Trichlorofluoromethane	2.12	101	774	0.437	ug/L #	17
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	796	0.812	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	522	0.614	ug/L #	1
13) Acetone	2.19	43	2312	4.265	ug/L	92
18) Methyl tert-butyl Ether	2.81	73	416492	144.811	ug/L	98
27) 1,2-Dichloroethane	5.10	62	1078	0.823	ug/L #	74
33) Benzene	5.15	78	5419	1.478	ug/L	100
37) 1,2-Dichloropropane	6.12	63	5741	6.142	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1695	1.187	ug/L #	73
44) trans-1,3-Dichloropropene	7.66	75	1175	0.869	ug/L	85
59) 1,2,3-Trichloropropane	11.30	75	6419	5.220	ug/L	93

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

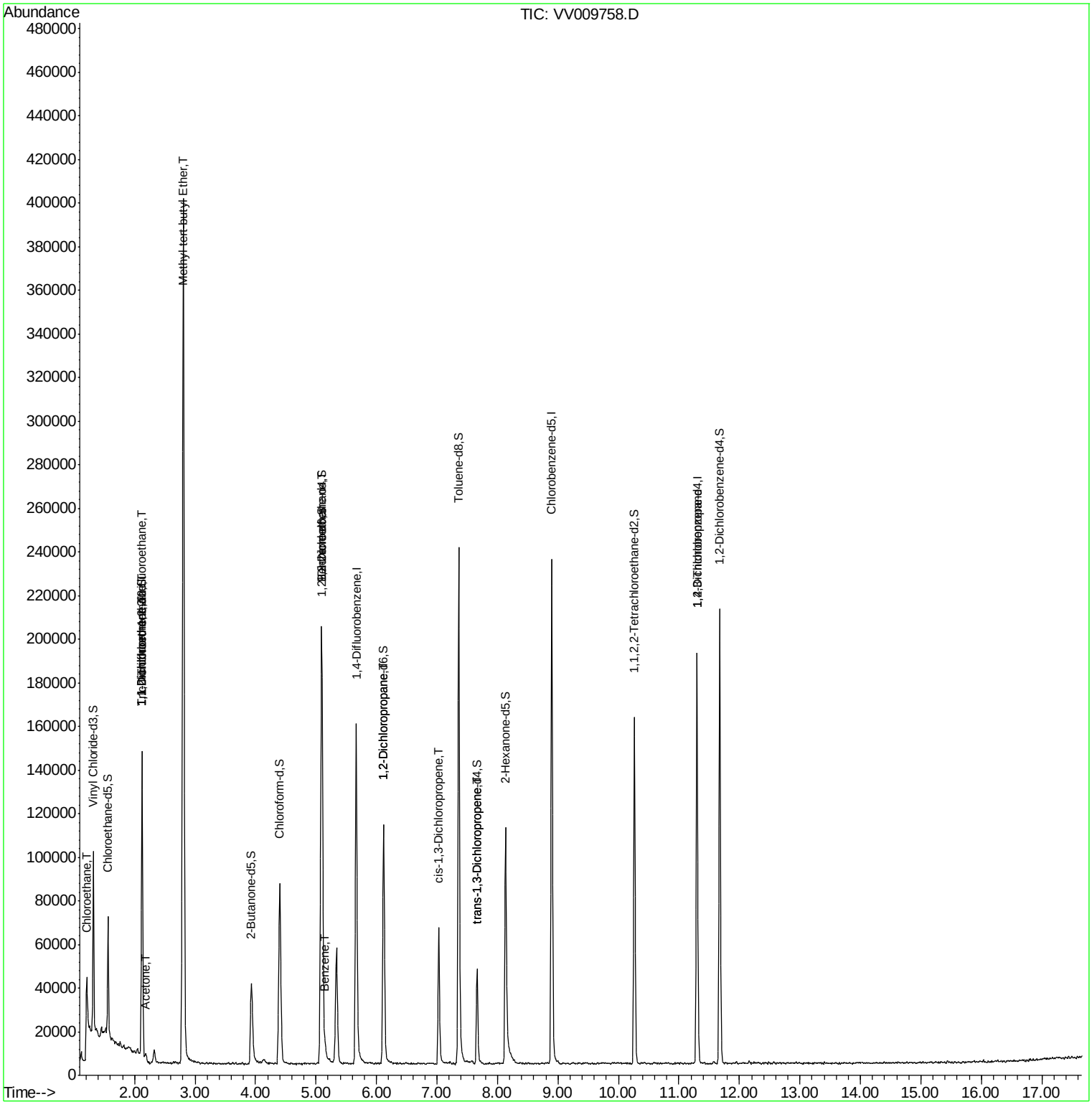
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031819\

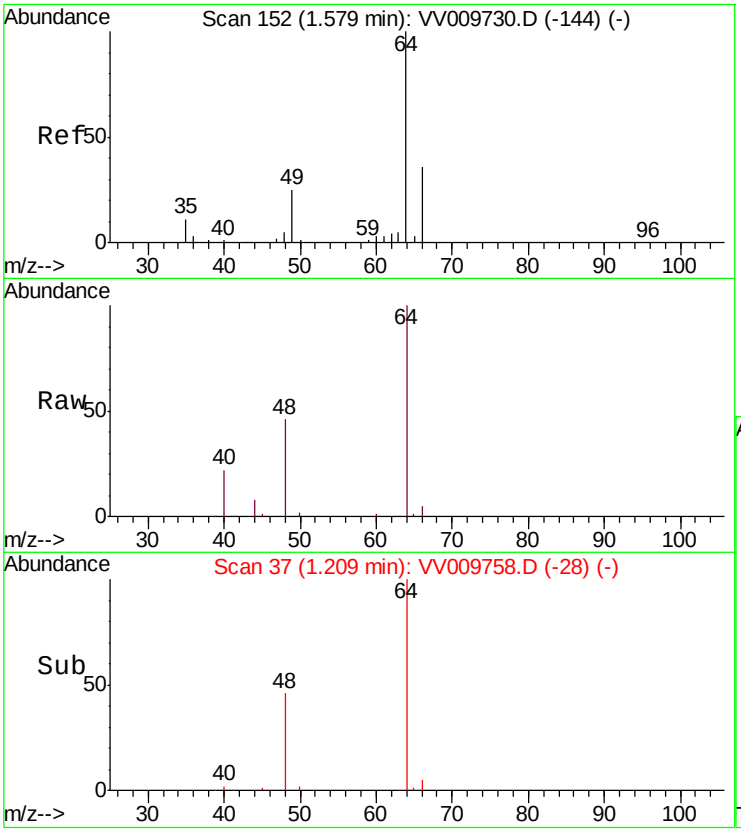
Quantitation Report (Not Reviewed)

Data File : VV009758.D
Acq On : 18 Mar 2019 14:58
Operator : SY/MD
Sample : K1918-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09A2

Quant Time: Mar 19 04:33:21 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



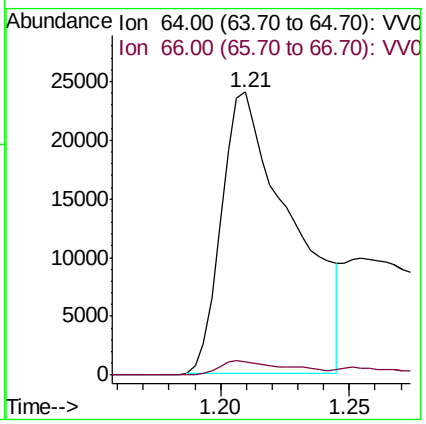


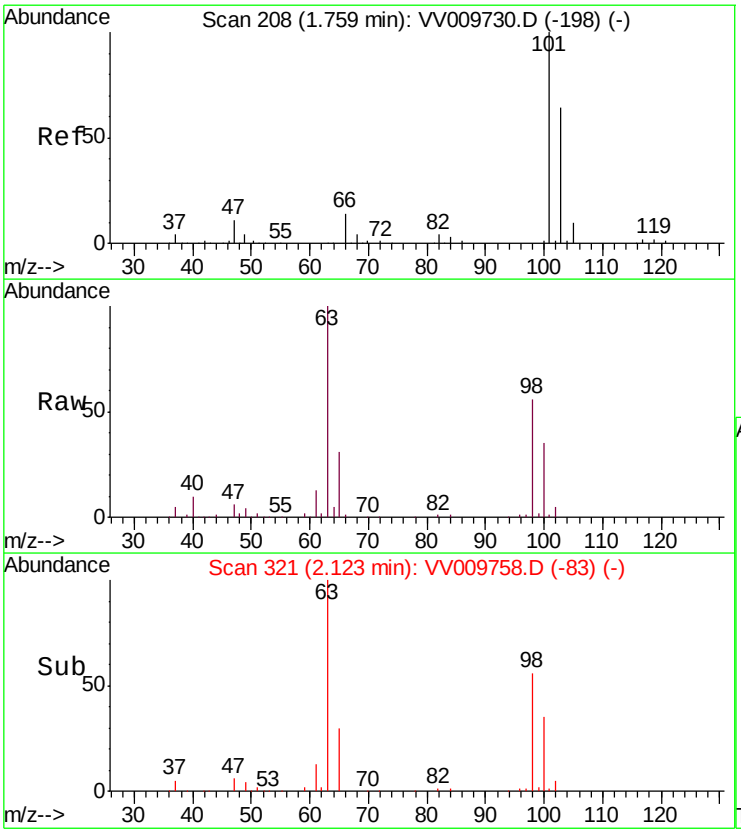
#8
Chloroethane
Concen: 70.916 ug/L
RT: 1.21 min Scan# 37
Delta R.T. -0.37 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
C09A2

Tgt Ion: 64 Resp: 45606

Ion	Ratio	Lower	Upper
64	100		
66	4.7	24.5	45.5#

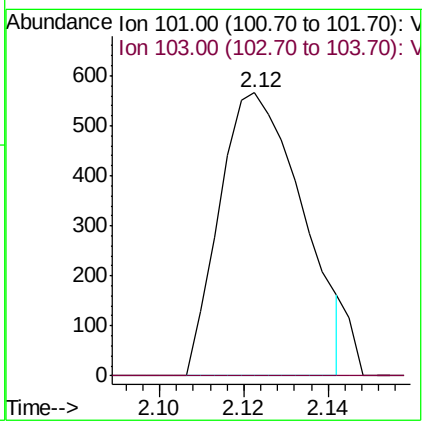


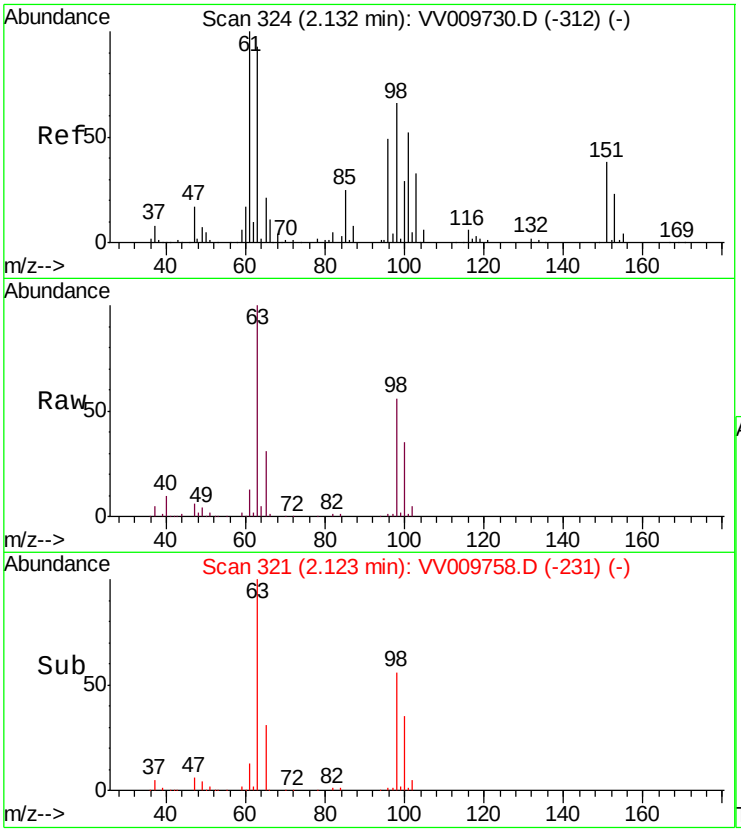


#9
Trichlorofluoromethane
Concen: 0.437 ug/L
RT: 2.12 min Scan# 321
Delta R.T. 0.37 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Tgt Ion:101 Resp: 774

Ion	Ratio	Lower	Upper
101	100		
103	0.0	52.3	78.5#



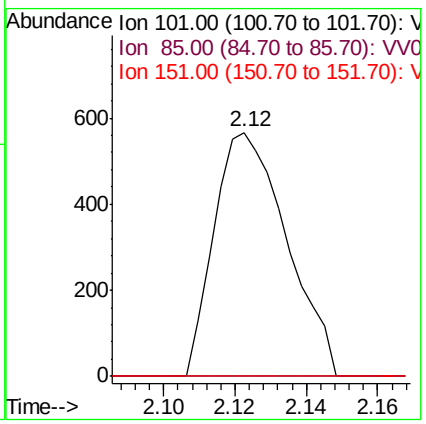


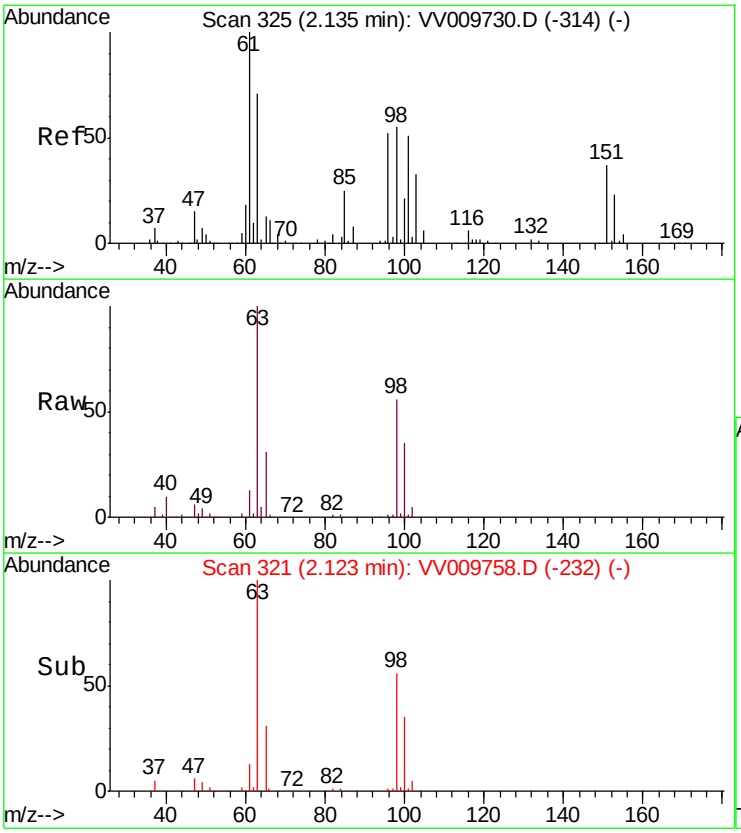
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.812 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
C09A2

Tgt Ion:101 Resp: 796

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

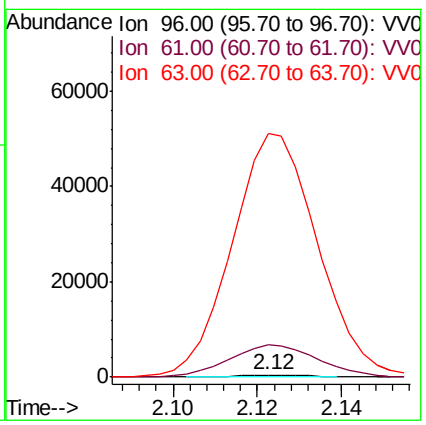


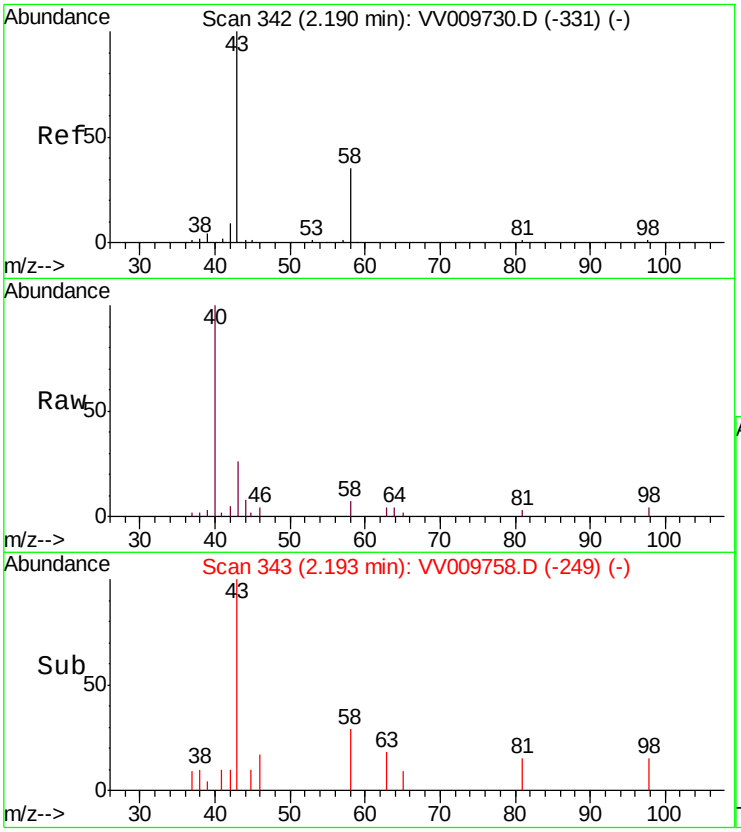


#12
1,1-Dichloroethene
Concen: 0.614 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Tgt Ion: 96 Resp: 522

Ion	Ratio	Lower	Upper
96	100		
61	1547.4	135.5	251.7#
63	11751.7	100.2	186.2#



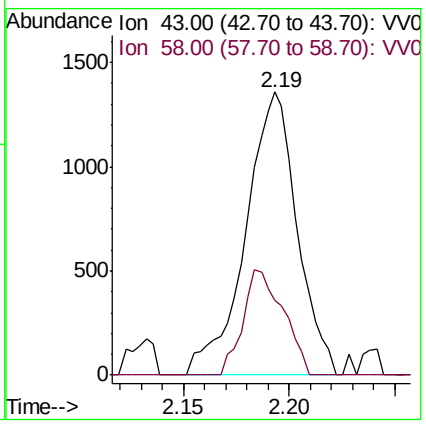


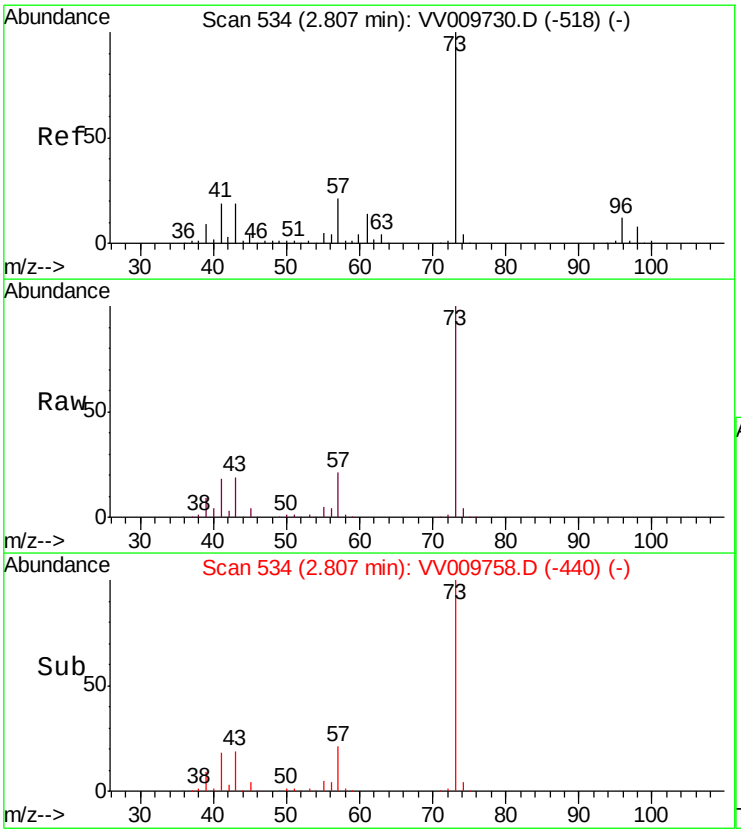
#13
Acetone
Concen: 4.265 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
C09A2

Tgt Ion: 43 Resp: 2312

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	67.8

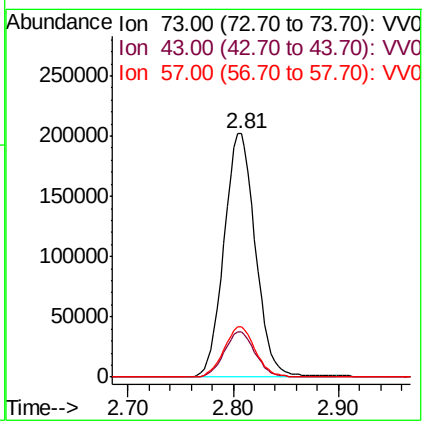


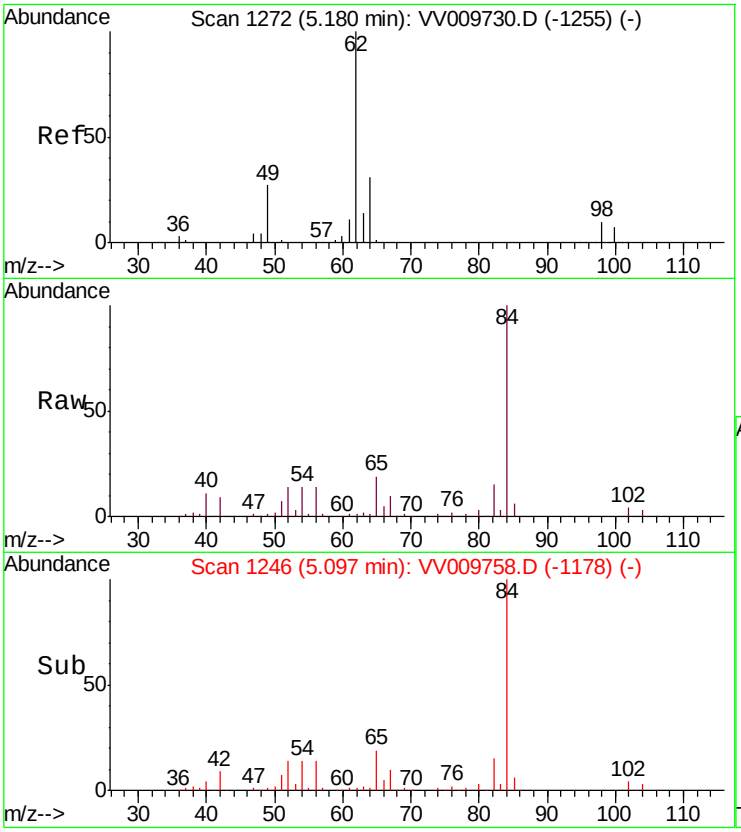


#18
Methyl tert-butyl Ether
Concen: 144.811 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Tgt Ion: 73 Resp: 416492

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.2	22.8
57	20.6	17.1	25.7



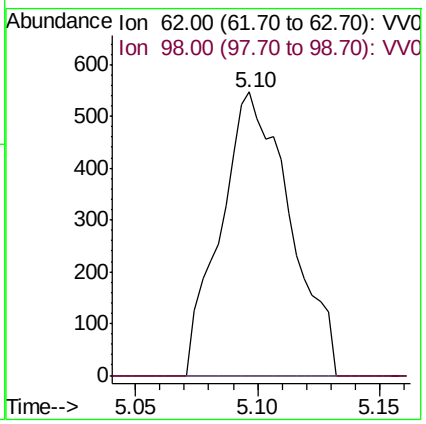


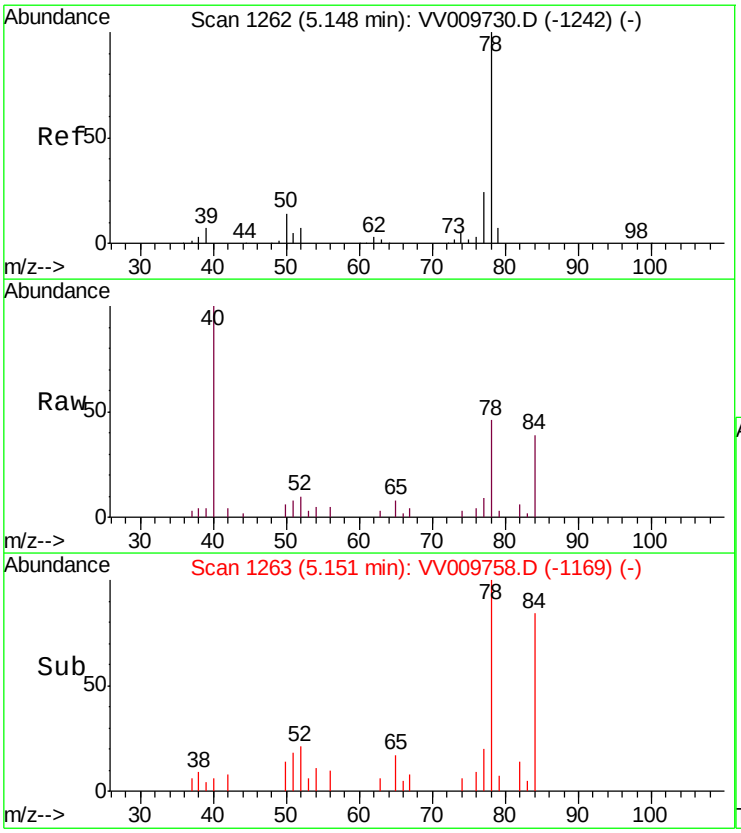
#27
1,2-Dichloroethane
Concen: 0.823 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
C09A2

Tgt Ion: 62 Resp: 1078

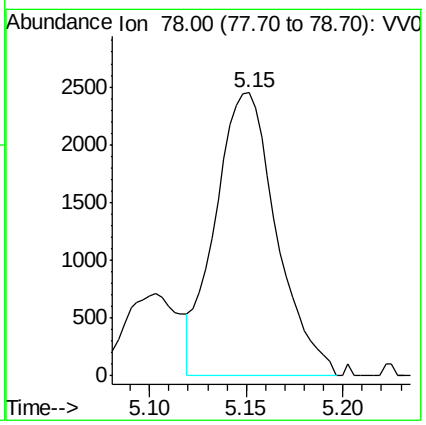
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.6#

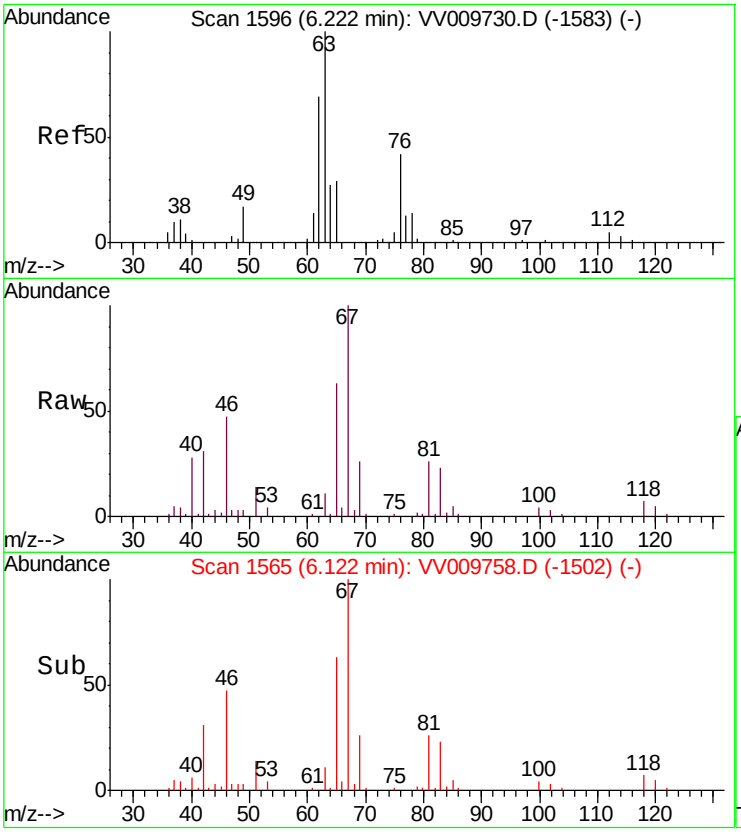




#33
Benzene
Concen: 1.478 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Tgt Ion: 78 Resp: 5419



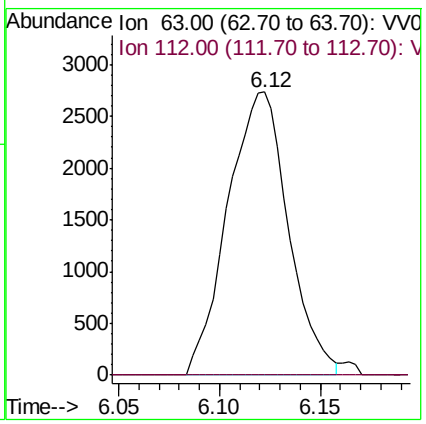


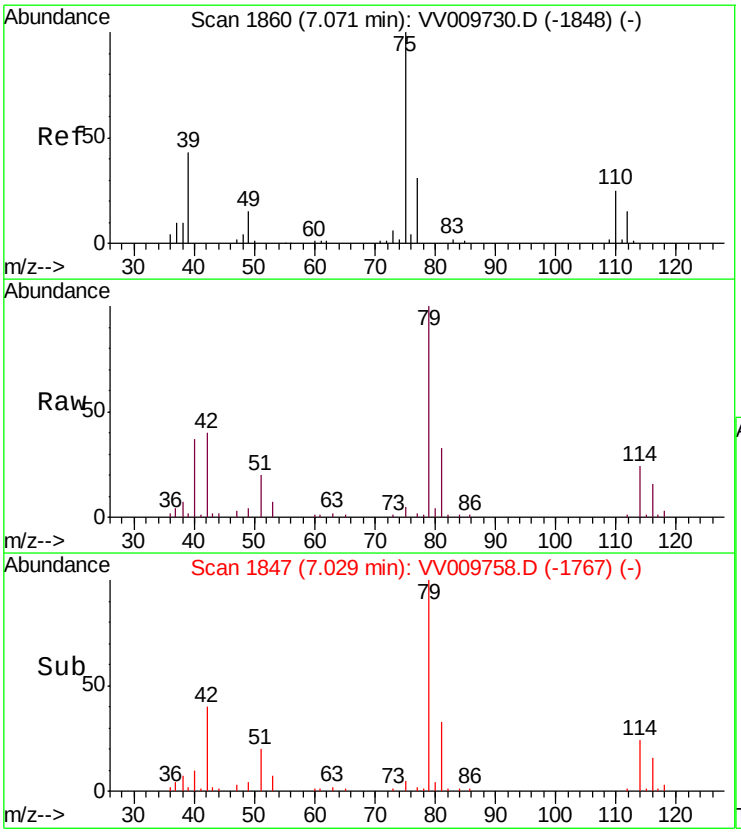
#37
1,2-Dichloropropane
Concen: 6.142 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
C09A2

Tgt Ion: 63 Resp: 5741

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

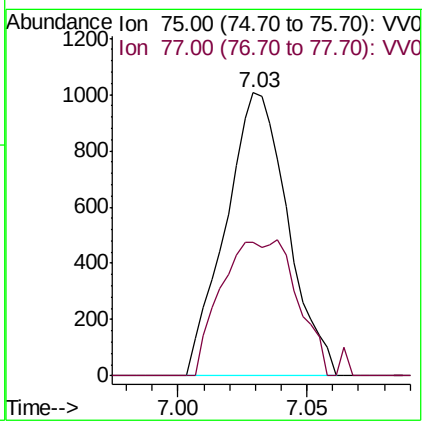


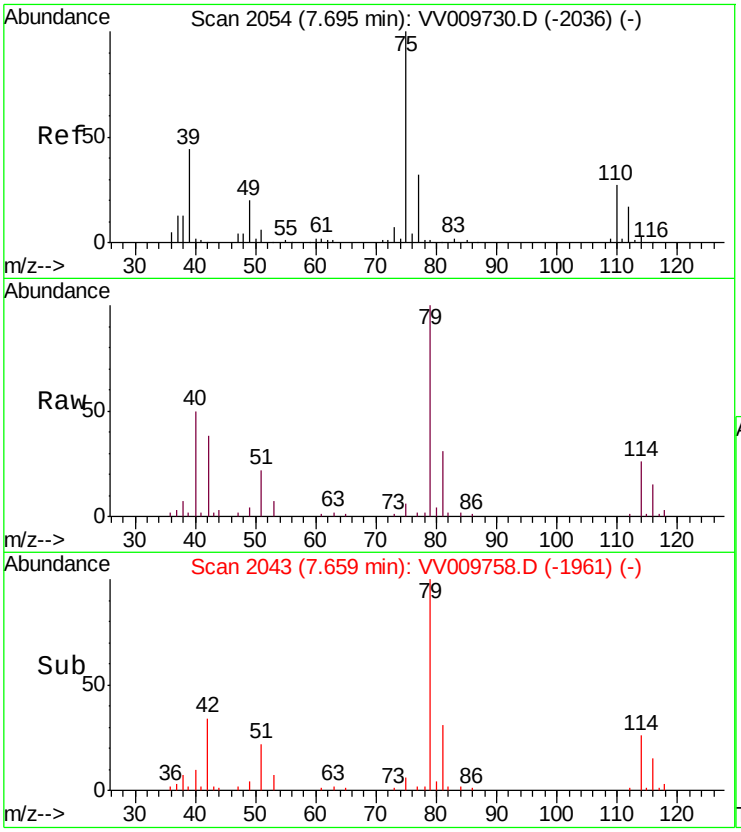


#39
cis-1,3-Dichloropropene
Concen: 1.187 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Tgt Ion: 75 Resp: 1695

Ion	Ratio	Lower	Upper
75	100		
77	47.0	22.4	41.6#



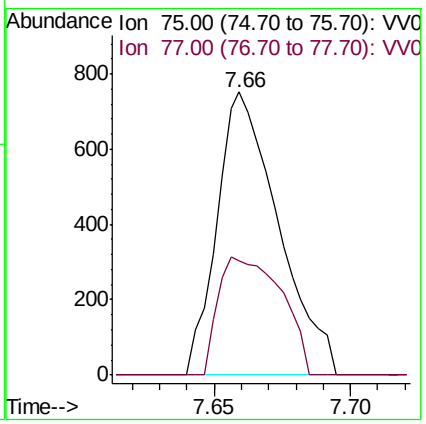


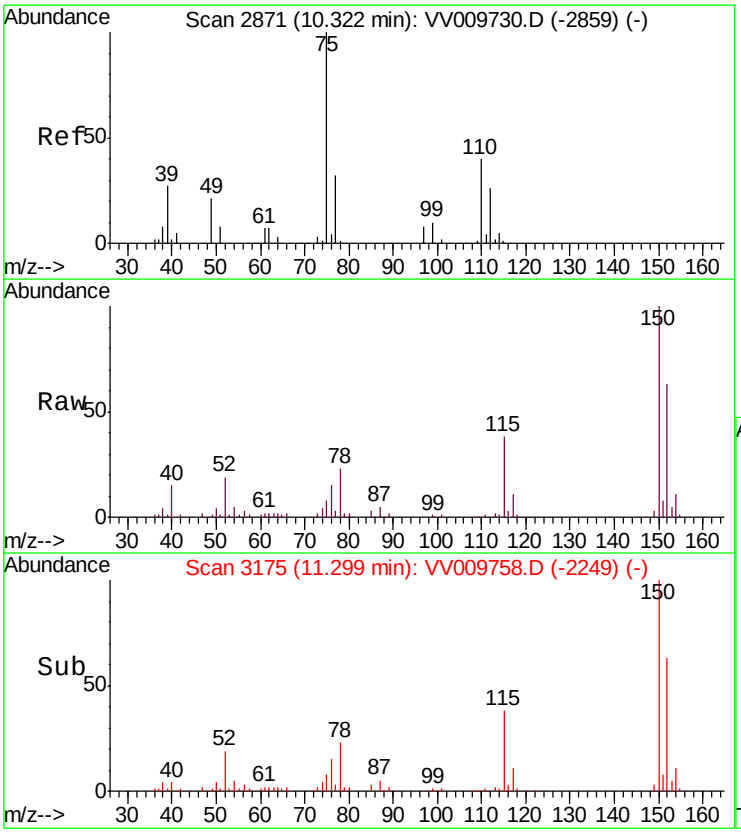
#44
trans-1,3-Dichloropropene
Concen: 0.869 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Instrument :
MSVOA_V
ClientSampleId :
C09A2

Tgt Ion: 75 Resp: 1175

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 5.220 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009758.D
Acq: 18 Mar 2019 14:58

Tgt Ion: 75 Resp: 6419

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.2	39.4