Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031720\

Quantitation Report (Not Reviewed)

Data File : VV014973.D
Acq On : 17 Mar 2020 14:59
Operator : SY/MD
Sample : L1940-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0DA8

Quant Time: Mar 18 05:24:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332093	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155320	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89785	40.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.16%			
7) Chloroethane-d5	1.58	69	72996	44.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.84%			
11) 1,1-Dichloroethene-d2	2.12	63	115732	34.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.18%			
21) 2-Butanone-d5	3.93	46	115036	85.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.28%			
24) Chloroform-d	4.38	84	205917	44.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.34%			
26) 1,2-Dichloroethane-d4	5.06	65	136737	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.64%			
32) Benzene-d6	5.08	84	423691	47.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.94%			
36) 1,2-Dichloropropane-d6	6.10	67	125145	47.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.16%			
41) Toluene-d8	7.34	98	400544	45.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.74%			
43) trans-1,3-Dichloropropene-	7.64	79	57040	40.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.72%			
47) 2-Hexanone-d5	8.12	63	108971	90.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.82%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178972	45.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.98%			
64) 1,2-Dichlorobenzene-d4	11.65	152	168602	49.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1177	0.688	ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1186	0.760	ug/L #	1
13) Acetone	2.21	43	3581	2.687	ug/L	72
15) Methyl Acetate	2.37	43	11278	6.551	ug/L #	47
25) Chloroform	4.41	83	3603	0.829	ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	14437	4.766	ug/L	92

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

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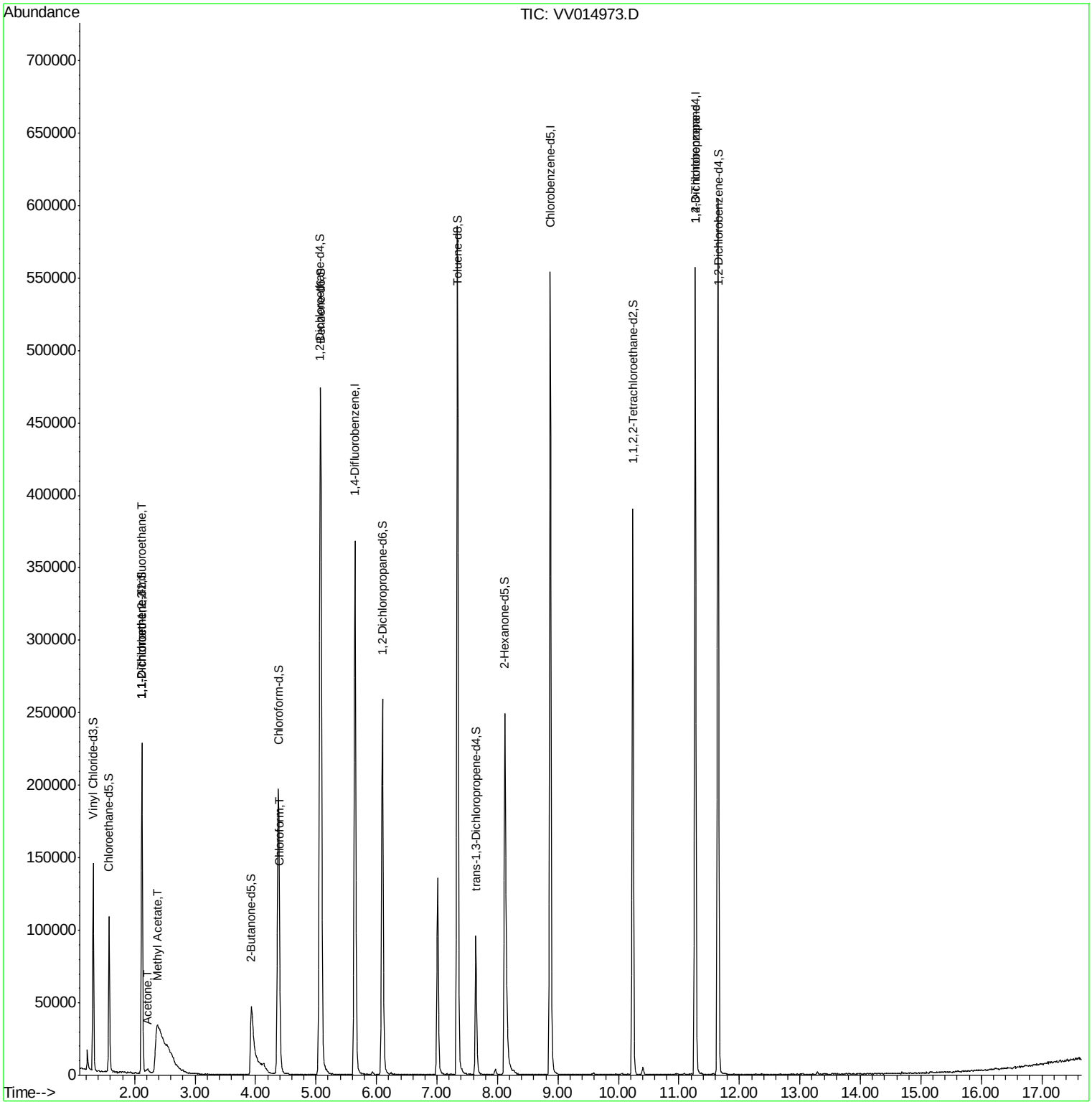
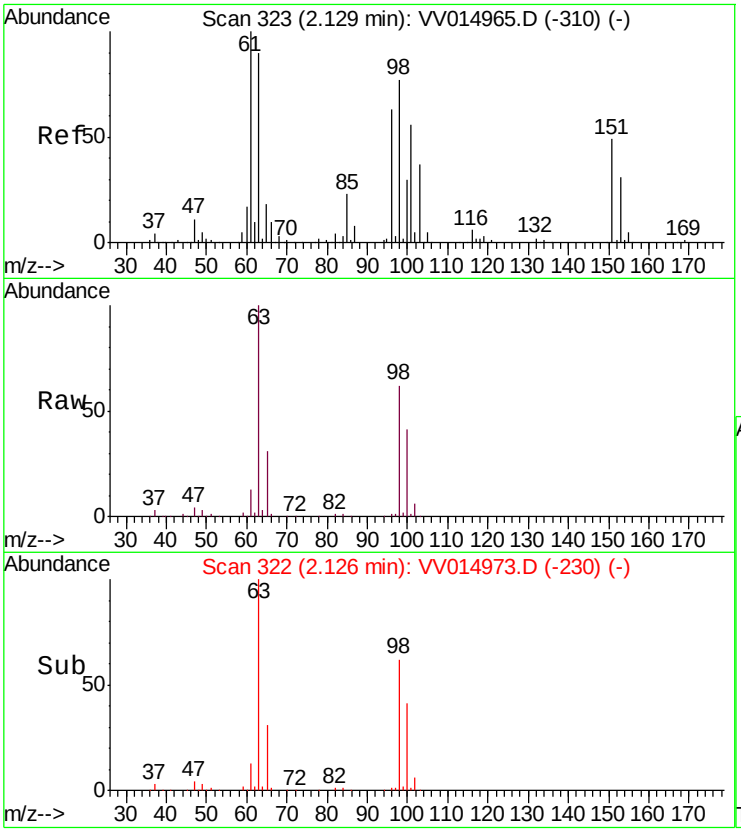


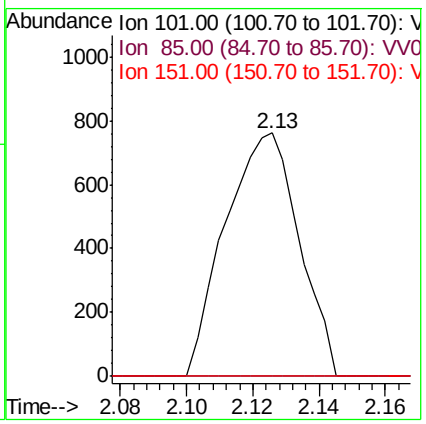


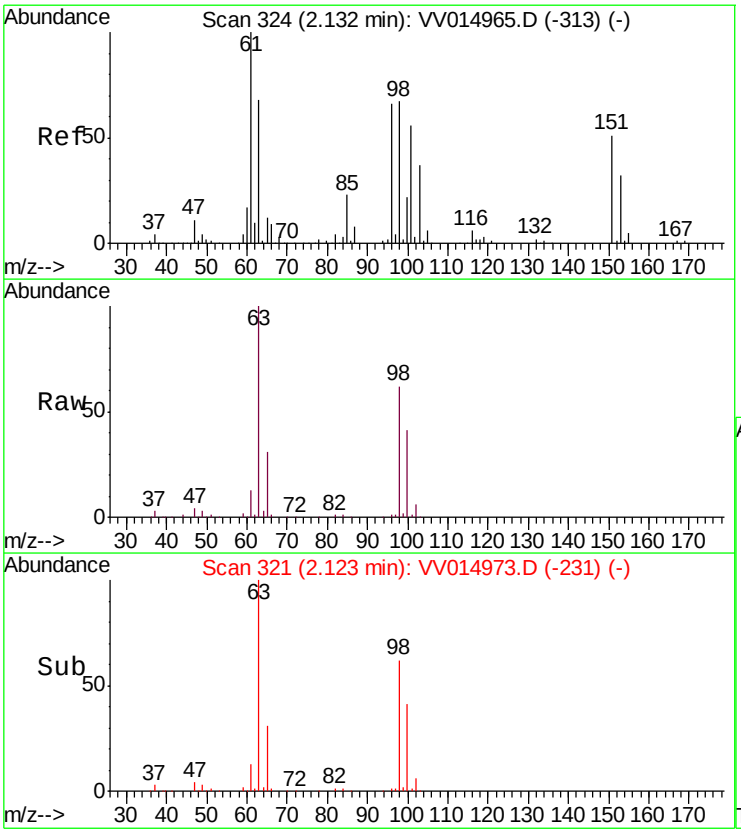
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.688 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV014973.D
Acq: 17 Mar 2020 14:59

Instrument :
MSVOA_V
ClientSampleId :
C0DA8

Tgt Ion:101 Resp: 1177

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.9	50.9#
151	0.0	70.1	105.1#

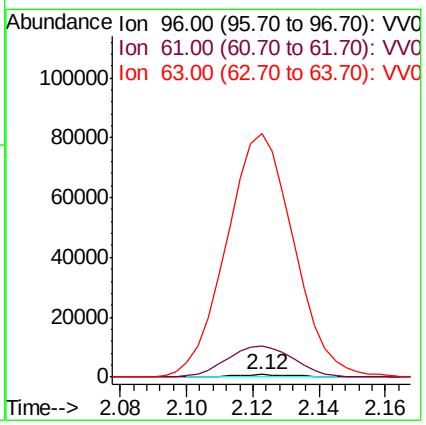


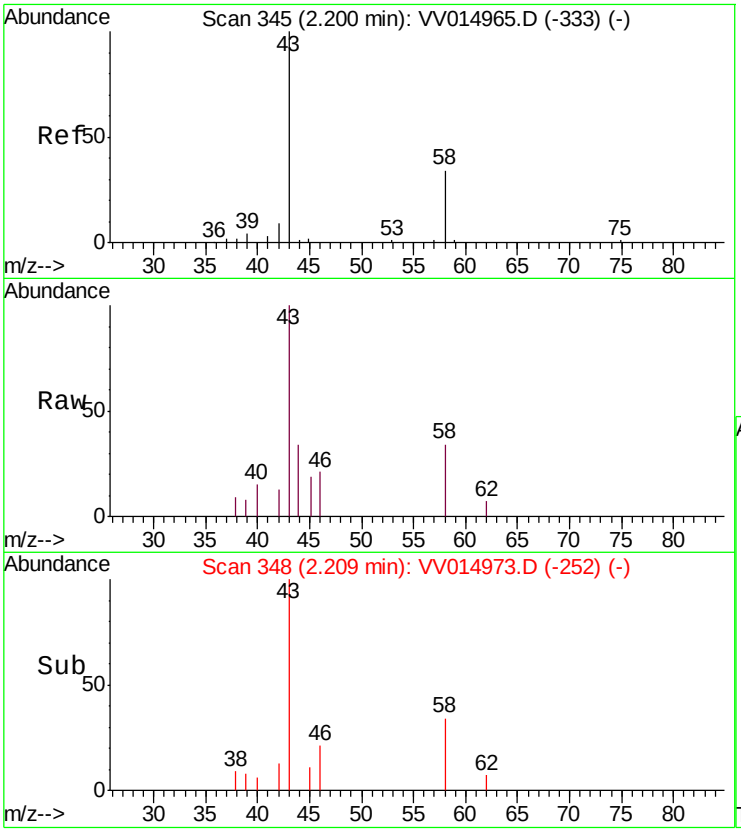


#12
1,1-Dichloroethene
Concen: 0.760 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV014973.D
Acq: 17 Mar 2020 14:59

Tgt Ion: 96 Resp: 1186

Ion	Ratio	Lower	Upper
96	100		
61	1292.1	115.7	214.9#
63	10173.0	99.2	184.2#



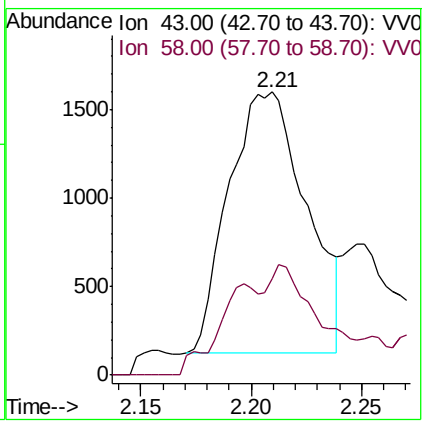


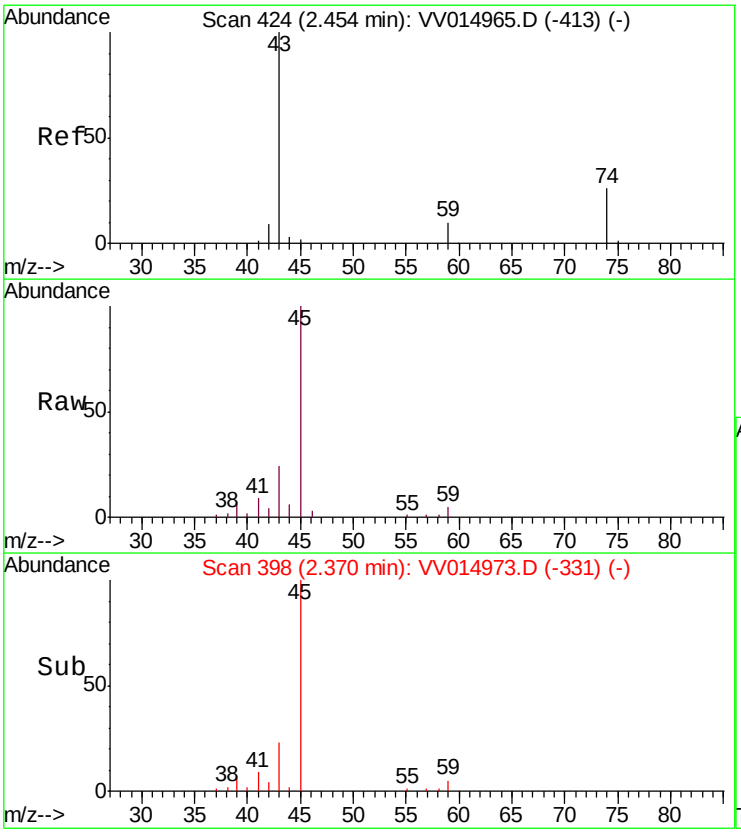
#13
Acetone
Concen: 2.687 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.01 min
Lab File: VV014973.D
Acq: 17 Mar 2020 14:59

Instrument :
MSVOA_V
ClientSampleId :
C0DA8

Tgt Ion: 43 Resp: 3581

Ion	Ratio	Lower	Upper
43	100		
58	11.7	0.0	51.6

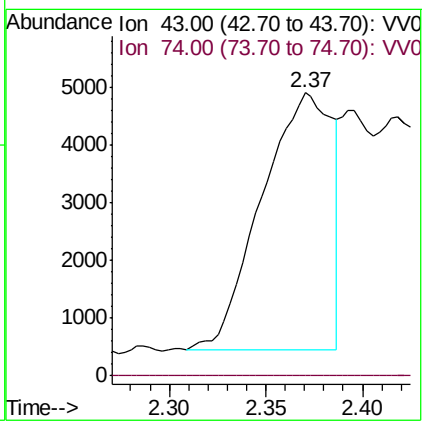


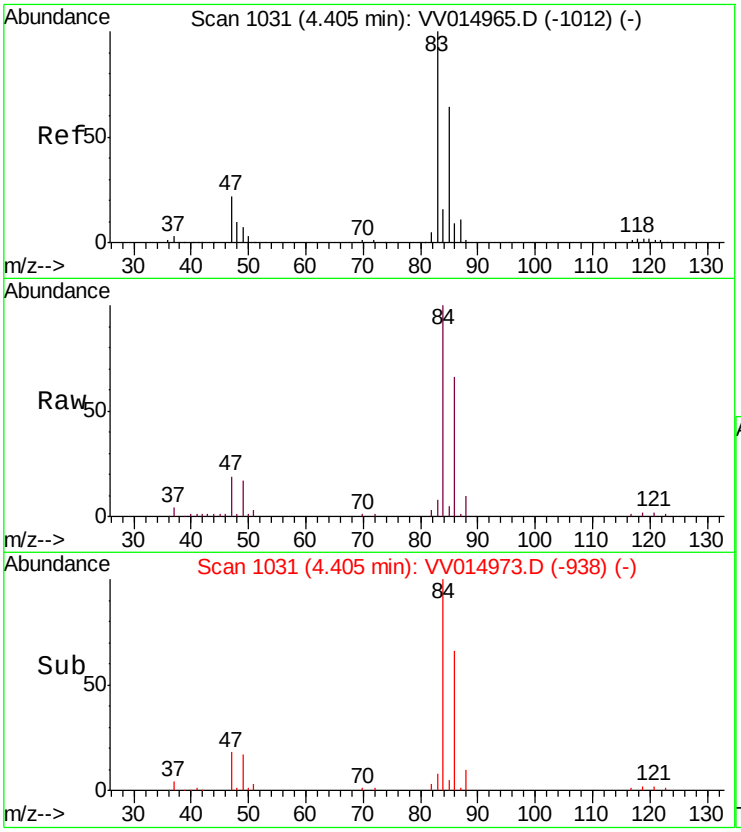


#15
Methyl Acetate
Concen: 6.551 ug/L
RT: 2.37 min Scan# 398
Delta R.T. -0.08 min
Lab File: VV014973.D
Acq: 17 Mar 2020 14:59

Tgt Ion: 43 Resp: 11278

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.4	33.6#



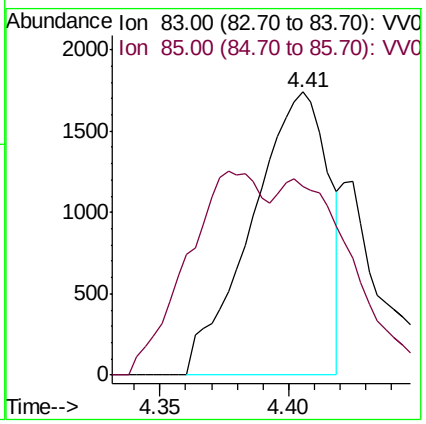


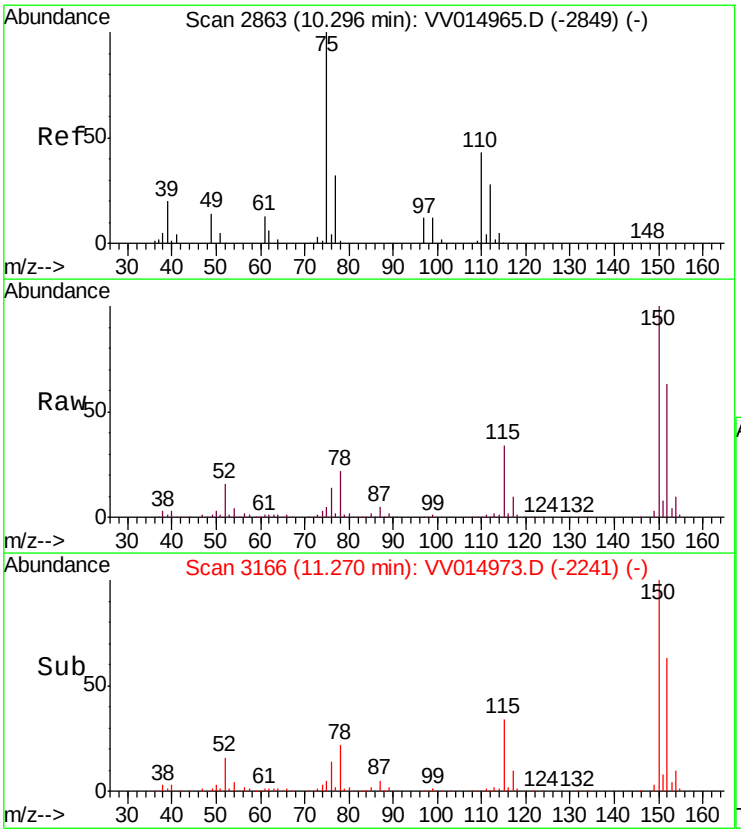
#25
Chloroform
Concen: 0.829 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014973.D
Acq: 17 Mar 2020 14:59

Instrument :
MSVOA_V
ClientSampleId :
C0DA8

Tgt Ion: 83 Resp: 3603

Ion	Ratio	Lower	Upper
83	100		
85	66.7	44.6	82.8





#59
1,2,3-Trichloropropane
Concen: 4.766 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV014973.D
Acq: 17 Mar 2020 14:59

Tgt Ion: 75 Resp: 14437

Ion	Ratio	Lower	Upper
75	100		
77	38.0	26.6	40.0