Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\

Quantitation Report (Not Reviewed)

Data File : VV013860.D
Acq On : 29 Nov 2019 19:40
Operator : SY/MD
Sample : K6028-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA2

Quant Time: Nov 29 22:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	666190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	659290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	311442	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	187354	48.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.06%			
7) Chloroethane-d5	1.58	69	172858	54.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.86%			
11) 1,1-Dichloroethene-d2	2.13	63	271069	39.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.46%			
21) 2-Butanone-d5	3.92	46	309414	107.27	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.27%			
24) Chloroform-d	4.40	84	387387	45.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.48%			
26) 1,2-Dichloroethane-d4	5.08	65	259479	46.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.90%			
32) Benzene-d6	5.10	84	809585	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.08%			
36) 1,2-Dichloropropane-d6	6.11	67	251700	44.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.26%			
41) Toluene-d8	7.36	98	736539	45.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.04%			
43) trans-1,3-Dichloropropene-	7.66	79	114142	43.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.10%			
47) 2-Hexanone-d5	8.13	63	228680	110.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.51%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	348733	48.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.32%			
64) 1,2-Dichlorobenzene-d4	11.67	152	322966	52.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.04%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2989	0.812	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	3200	0.911	ug/L #	1
13) Acetone	2.18	43	3169	1.177	ug/L	93
25) Chloroform	4.41	83	15103	1.760	ug/L	88
27) 1,2-Dichloroethane	5.18	62	31607	4.807	ug/L	100
34) Trichloroethene	5.96	95	8167	1.642	ug/L	92

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

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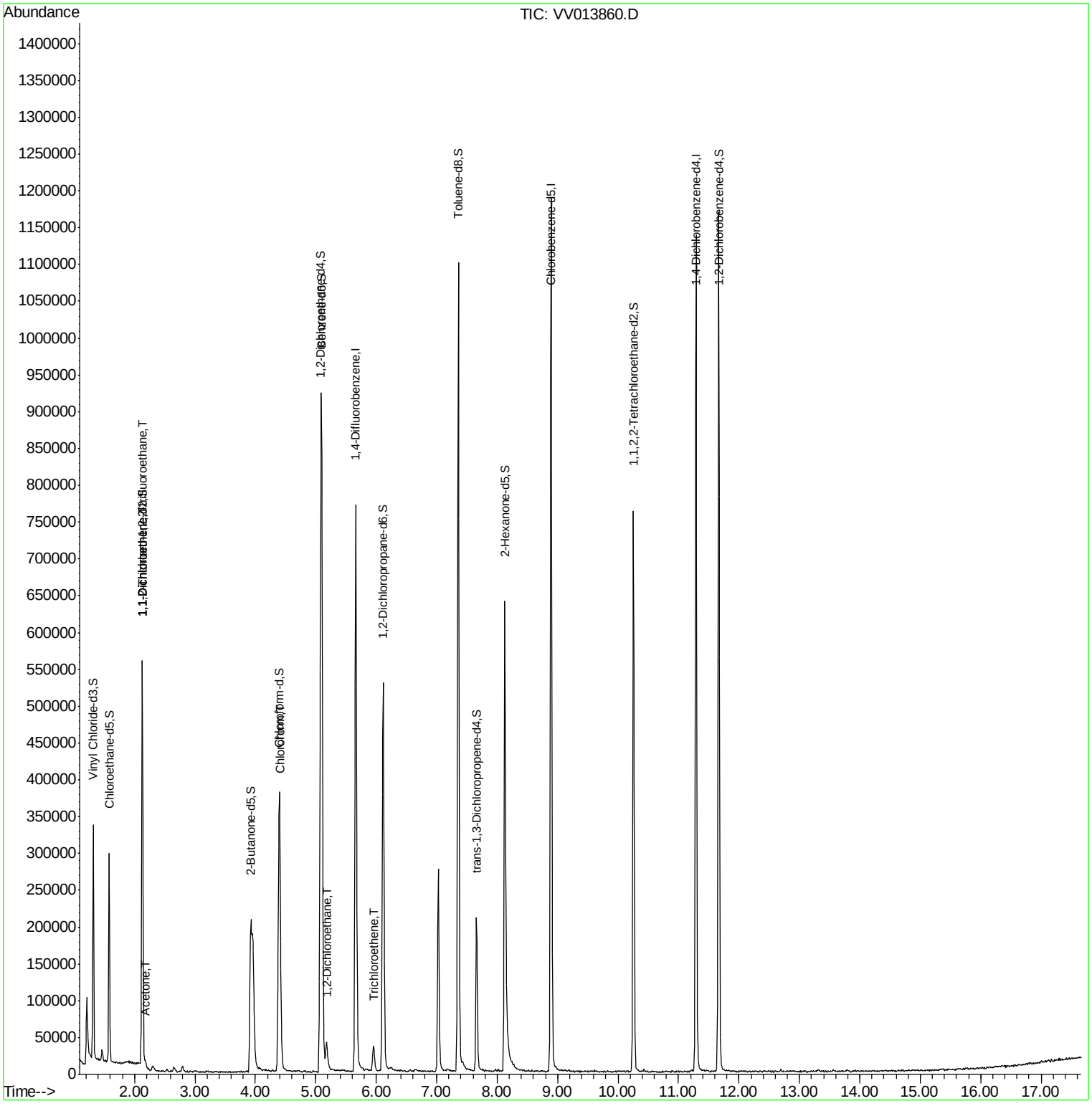
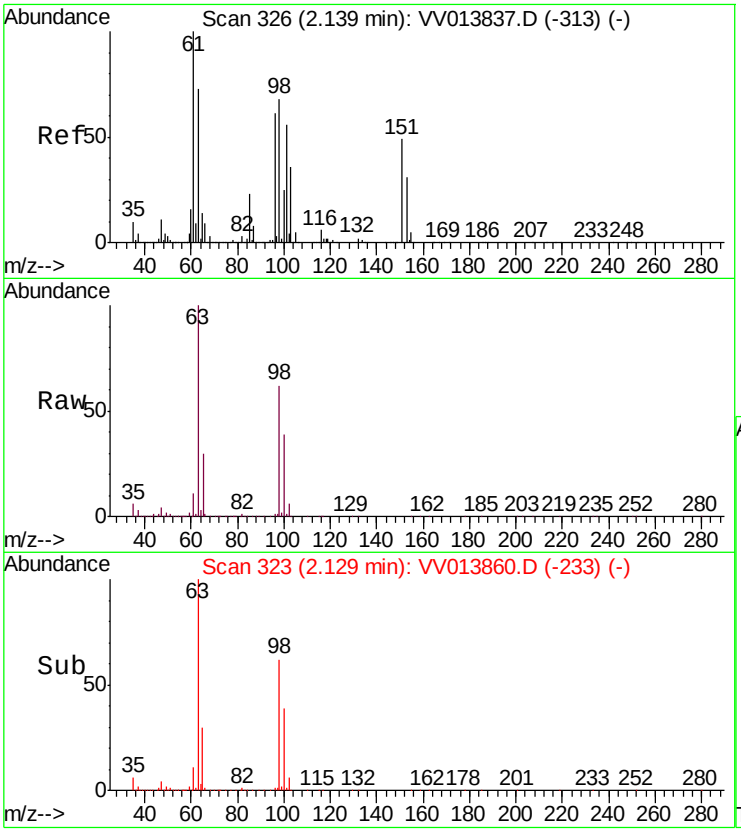
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration



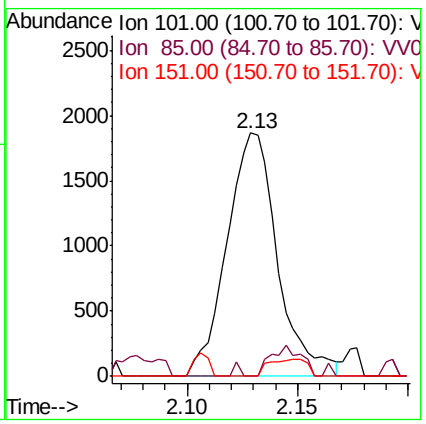


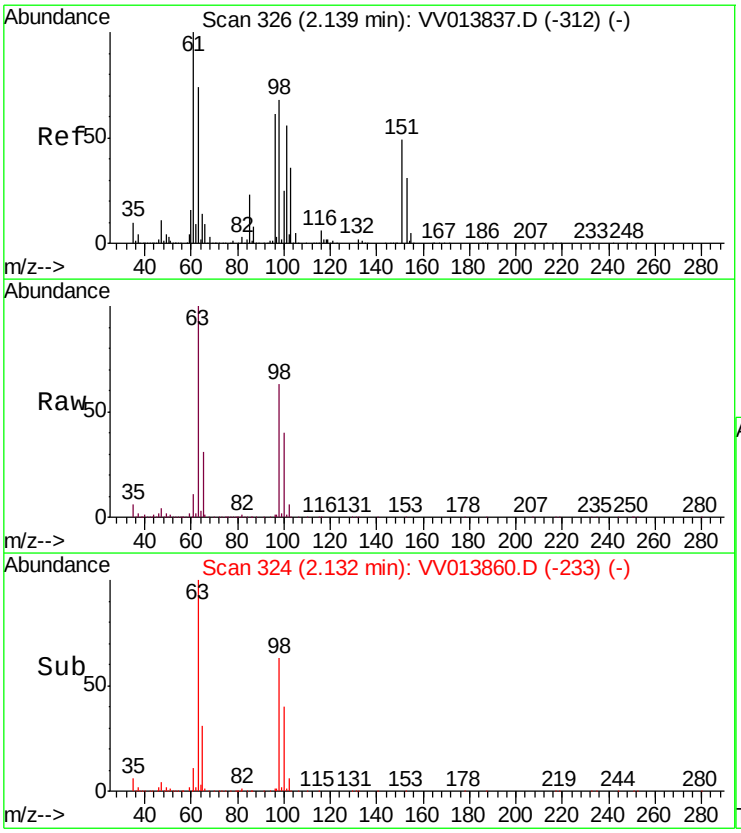
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.812 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013860.D
Acq: 29 Nov 2019 19:40

Instrument :
MSVOA_V
ClientSampleId :
H0AA2

Tgt Ion:101 Resp: 2989

Ion	Ratio	Lower	Upper
101	100		
85	2.9	33.3	49.9#
151	2.1	69.5	104.3#

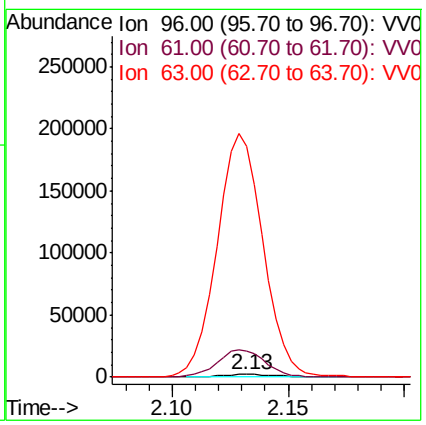


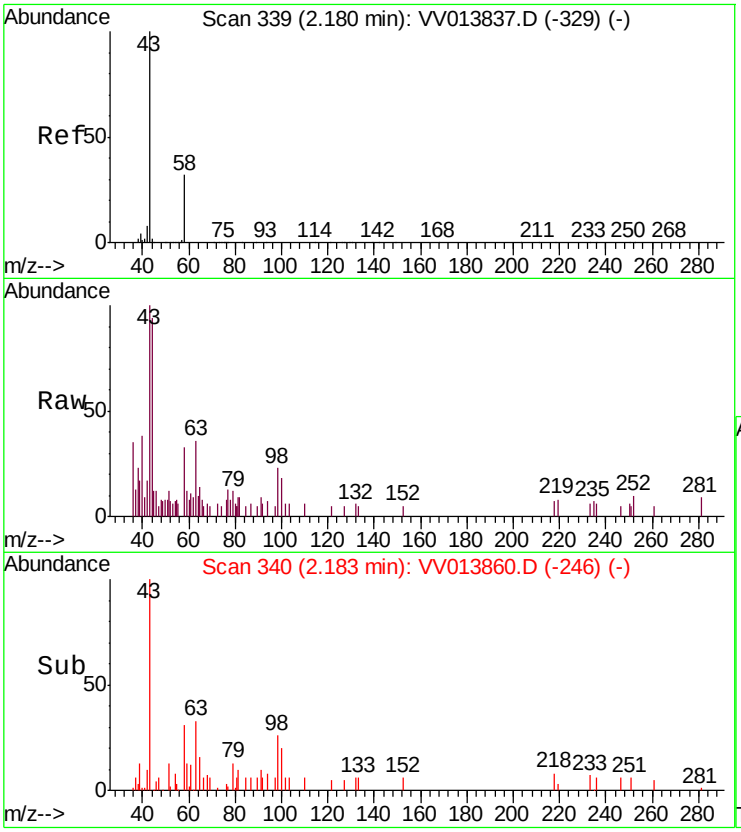


#12
1,1-Dichloroethene
Concen: 0.911 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV013860.D
Acq: 29 Nov 2019 19:40

Tgt Ion: 96 Resp: 3200

Ion	Ratio	Lower	Upper
96	100		
61	994.6	116.9	217.1#
63	8676.8	91.5	169.9#



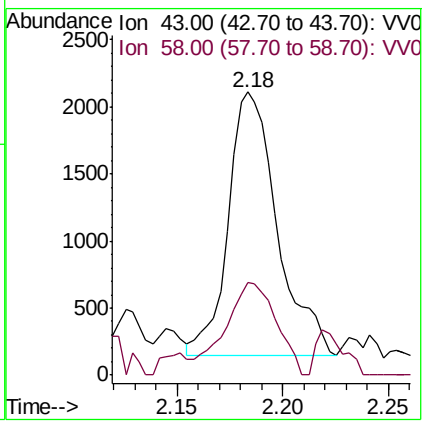


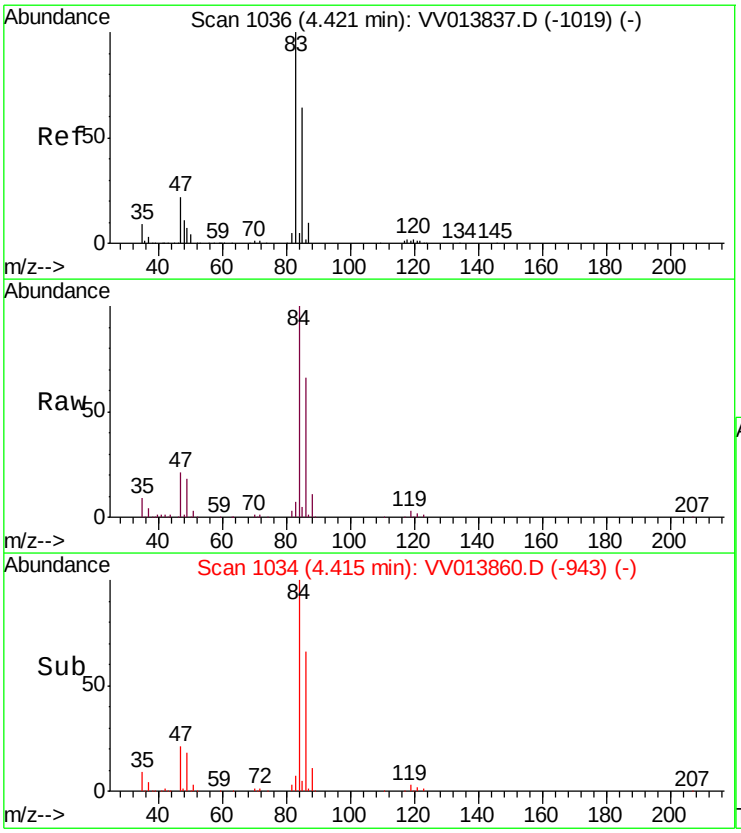
#13
Acetone
Concen: 1.177 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV013860.D
Acq: 29 Nov 2019 19:40

Instrument : MSVOA_V
ClientSampleId : H0AA2

Tgt Ion: 43 Resp: 3169

Ion	Ratio	Lower	Upper
43	100		
58	36.4	0.0	65.2

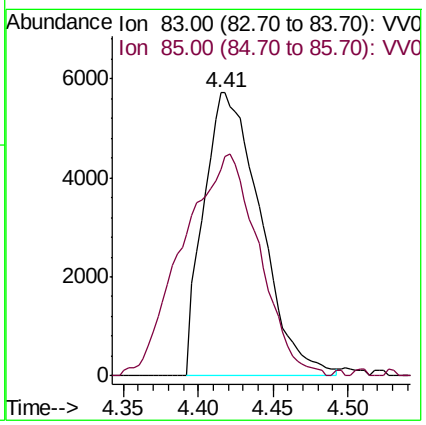


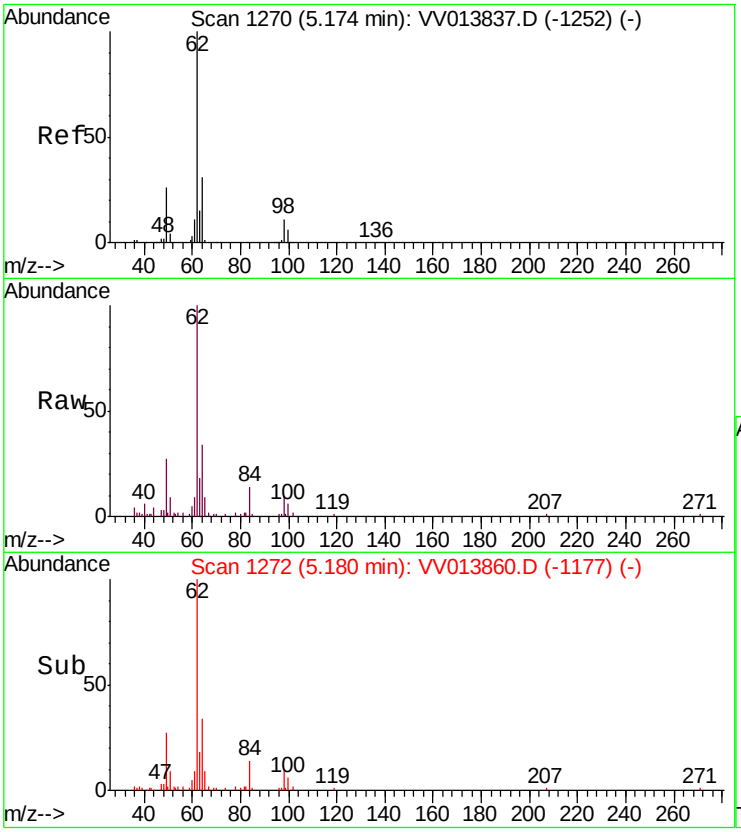


#25
Chloroform
Concen: 1.760 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV013860.D
Acq: 29 Nov 2019 19:40

Tgt Ion: 83 Resp: 15103

Ion	Ratio	Lower	Upper
83	100		
85	72.9	44.4	82.5



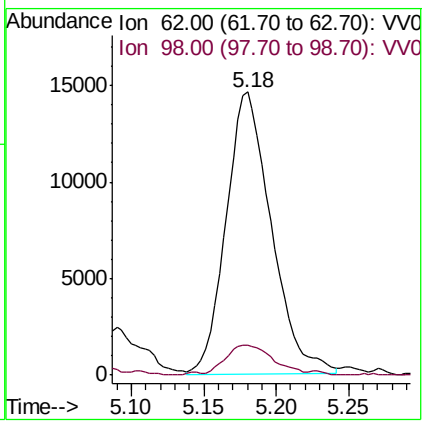


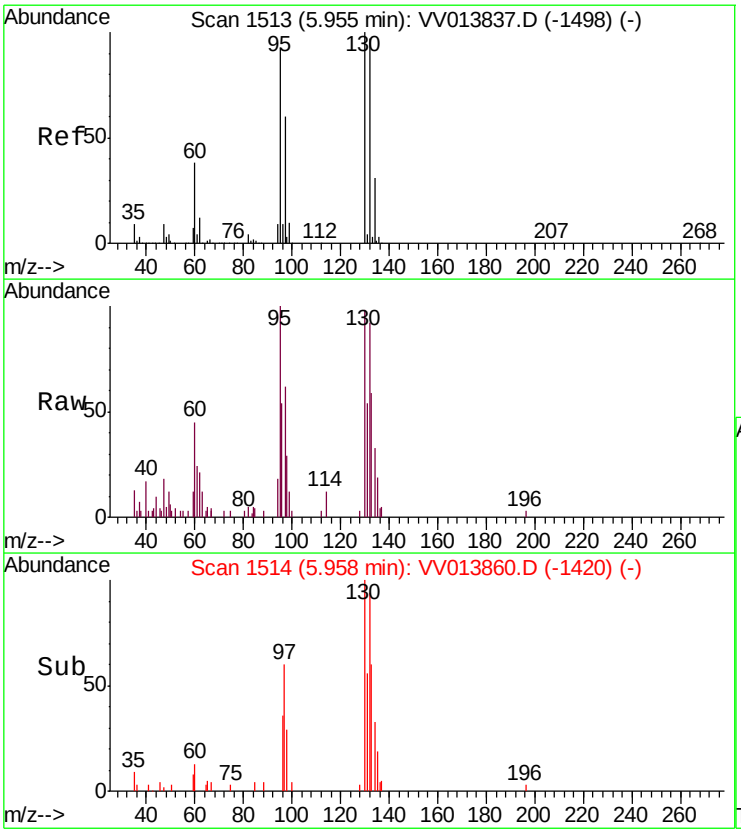
#27
1,2-Dichloroethane
Concen: 4.807 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VV013860.D
Acq: 29 Nov 2019 19:40

Instrument : MSVOA_V
ClientSampleId : H0AA2

Tgt Ion: 62 Resp: 31607

Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.2	12.4





#34
Trichloroethene
Concen: 1.642 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013860.D
Acq: 29 Nov 2019 19:40

Tgt Ion: 95 Resp: 8167

Ion	Ratio	Lower	Upper
95	100		
97	61.6	45.1	83.7
132	91.9	71.7	133.1
130	97.7	73.8	137.2