Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (Not Reviewed)

Data File : VV010010.D
Acq On : 29 Mar 2019 19:05
Operator : SY/MD
Sample : K2167-01
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF2L9

Quant Time: Mar 30 04:18:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155591	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66774	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	65443	20.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.92%			
7) Chloroethane-d5	1.57	69	76065	22.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.24%			
10) 1,1-Dichloroethene-d2	2.13	63	150862	17.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.88%			
20) 2-Butanone-d5	3.94	46	26749	45.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.92%			
24) Chloroform-d	4.40	84	80691	20.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.44%			
26) 1,2-Dichloroethane-d4	5.08	65	58482	24.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%			
29) Benzene-d6	5.10	84	191317	23.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.04%			
33) 1,2-Dichloropropane-d6	6.12	67	57626	23.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.80%			
37) Toluene-d8	7.36	98	165690	21.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.12%			
38) trans-1,3-Dichloropropene-	7.66	79	19820	20.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.52%			
39) 2-Hexanone-d5	8.13	63	19358	43.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.20%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49210	20.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	60032	23.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.44%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	1999	0.525	ug/L #	1
13) Acetone	2.19	43	3382	3.797	ug/L	94
16) Methylene chloride	2.53	84	6560	2.560	ug/L	98
25) Chloroform	4.43	83	19368	4.698	ug/L	99
35) Trichloroethene	5.96	95	9093	4.008	ug/L	98
40) 1,2-Dichloropropane	6.12	63	7612	3.542	ug/L #	92
47) Tetrachloroethene	8.02	164	255978	142.989	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (Not Reviewed)

Data File : VV010010.D
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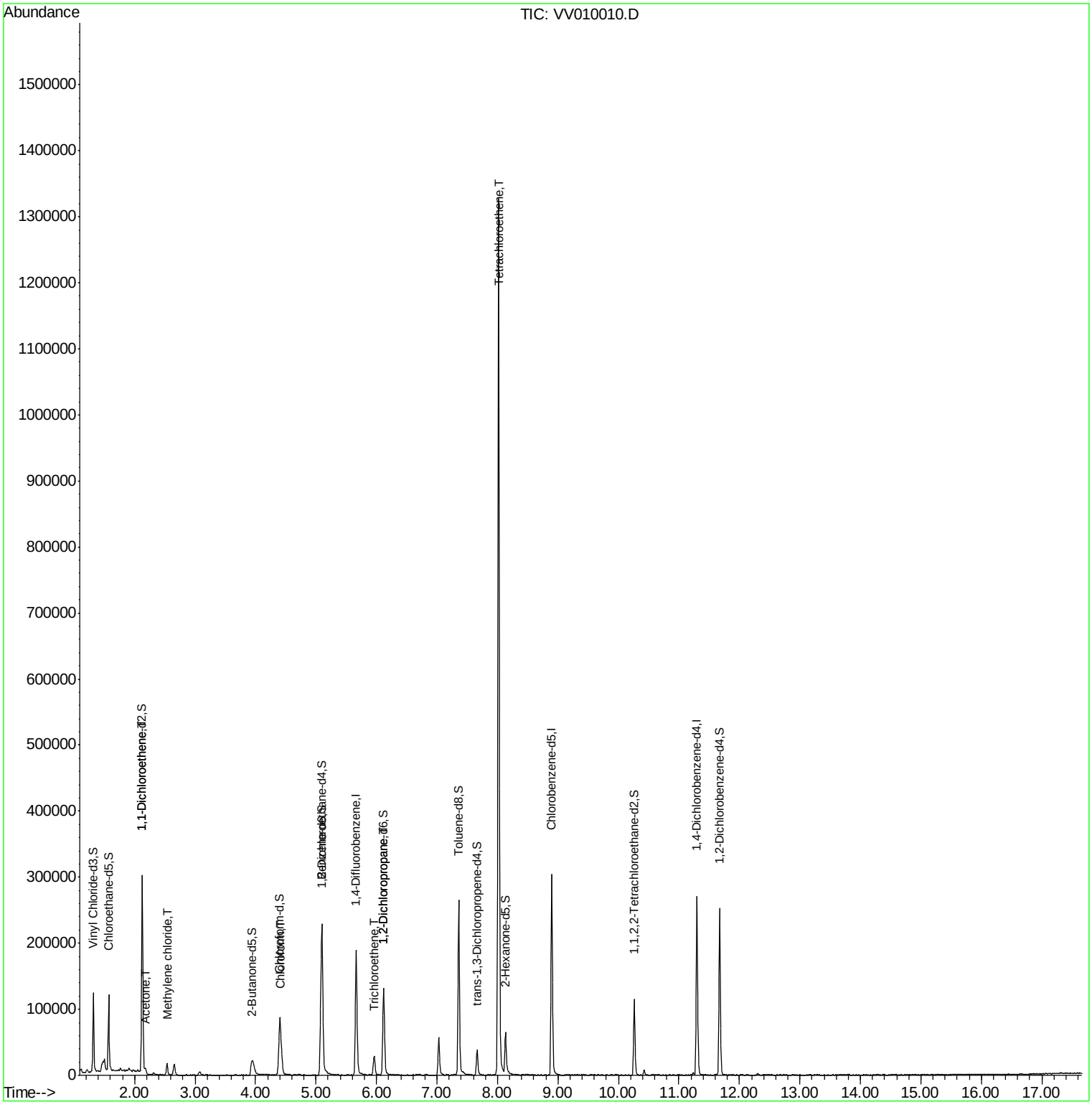
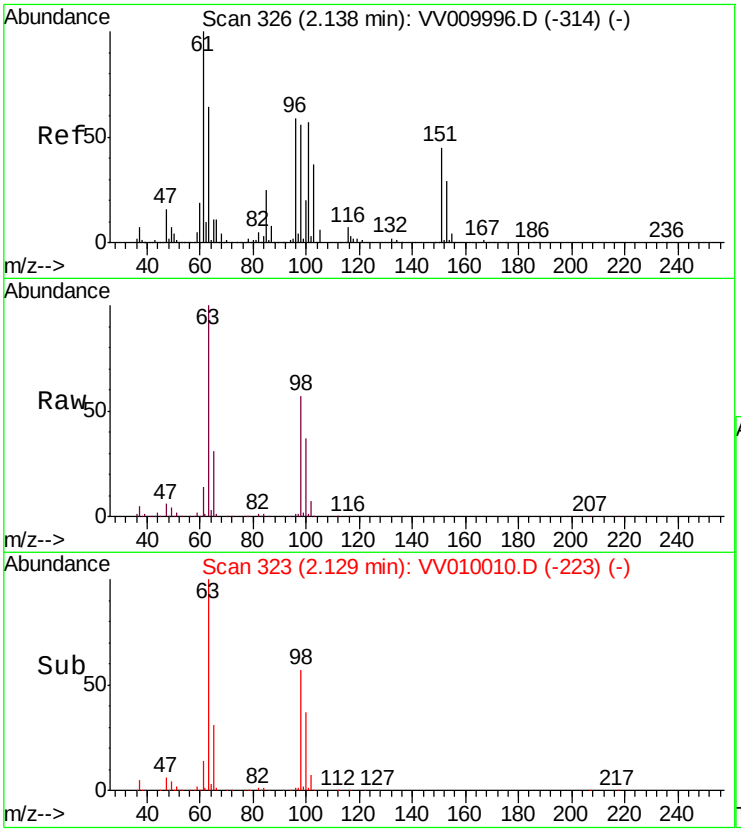
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2L9

Quant Time: Mar 30 04:18:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration



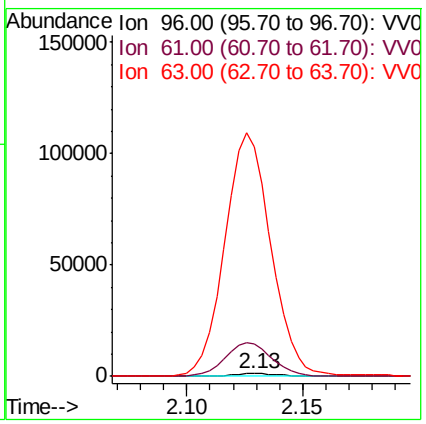


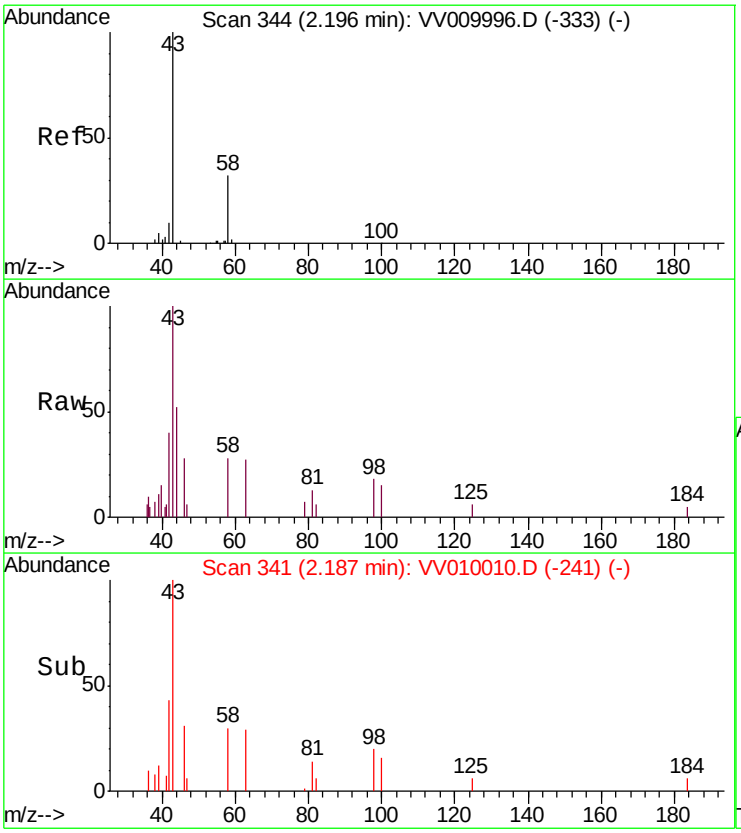
#12
1,1-Dichloroethene
Concen: 0.525 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV010010.D
Acq: 29 Mar 2019 19:05

Instrument : MSVOA_V
ClientSampleId : BF2L9

Tgt Ion: 96 Resp: 1999

Ion	Ratio	Lower	Upper
96	100		
61	1245.1	124.3	230.8#
63	8809.6	88.2	163.8#

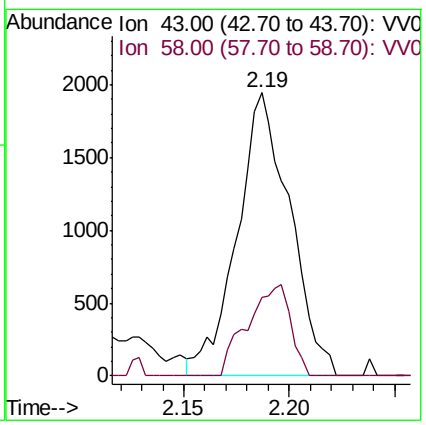


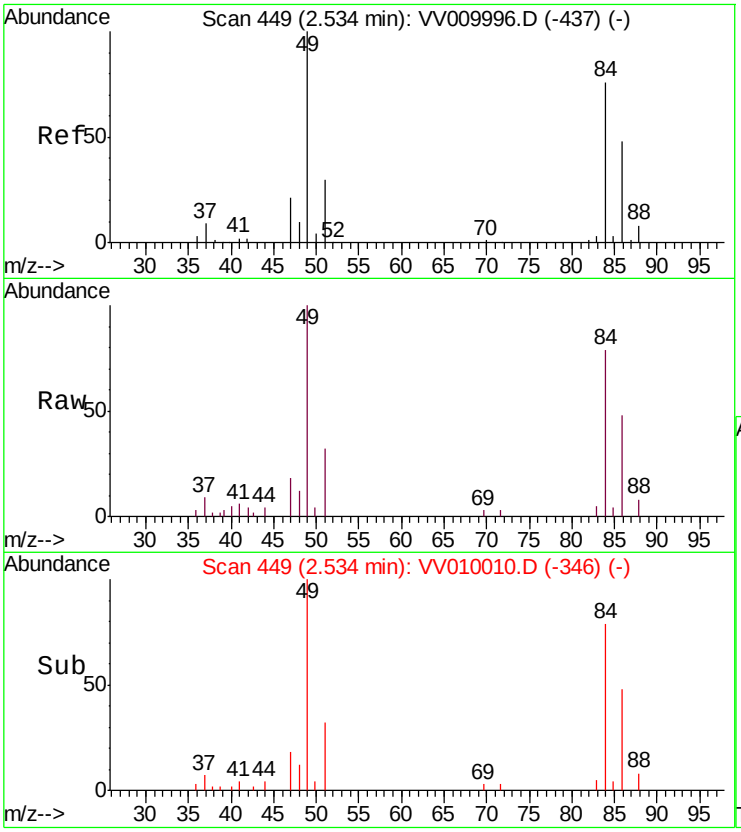


#13
Acetone
Concen: 3.797 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV010010.D
Acq: 29 Mar 2019 19:05

Tgt Ion: 43 Resp: 3382

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	59.4



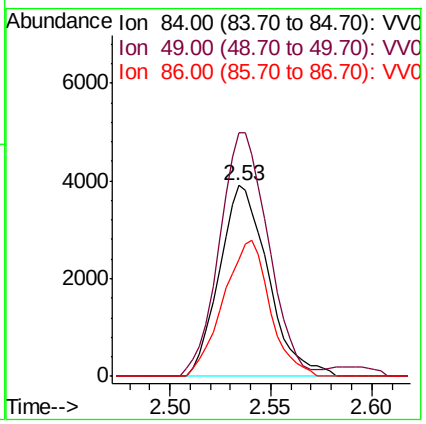


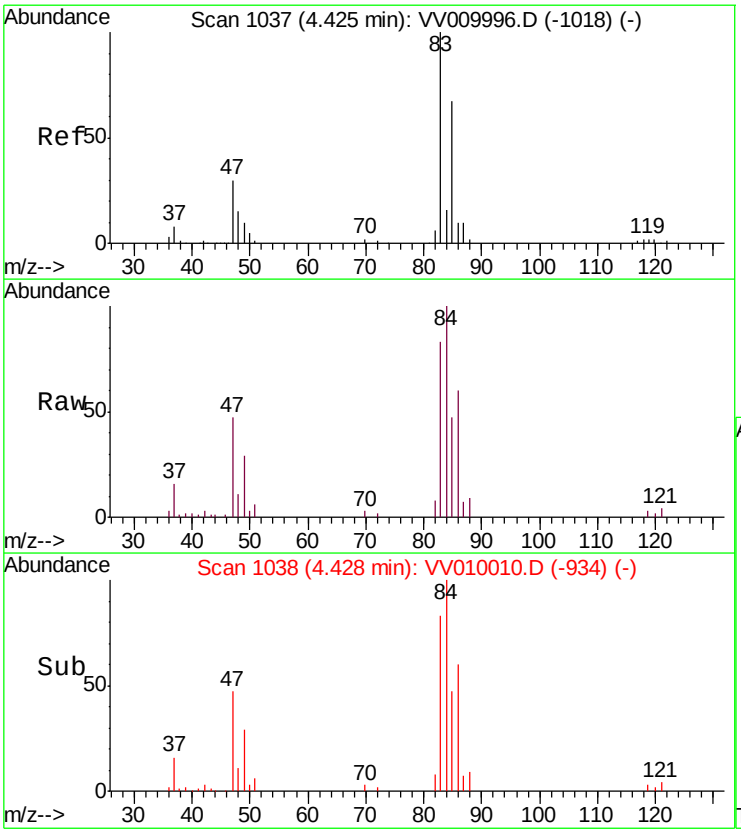
#16
Methylene chloride
Concen: 2.560 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010010.D
Acq: 29 Mar 2019 19:05

Instrument : MSVOA_V
ClientSampleId : BF2L9

Tgt Ion: 84 Resp: 6560

Ion	Ratio	Lower	Upper
84	100		
49	127.3	90.4	167.8
86	60.9	44.0	81.6

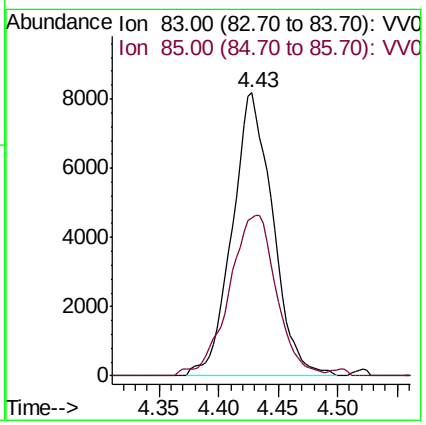


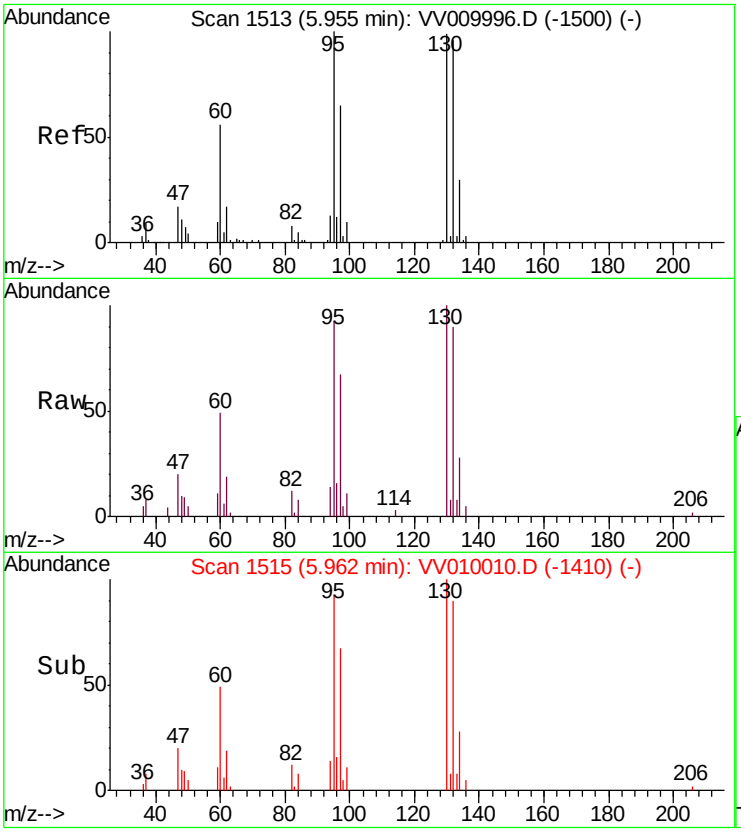


#25
Chloroform
Concen: 4.698 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010010.D
Acq: 29 Mar 2019 19:05

Tgt Ion: 83 Resp: 19368

Ion	Ratio	Lower	Upper
83	100		
85	65.3	46.1	85.7



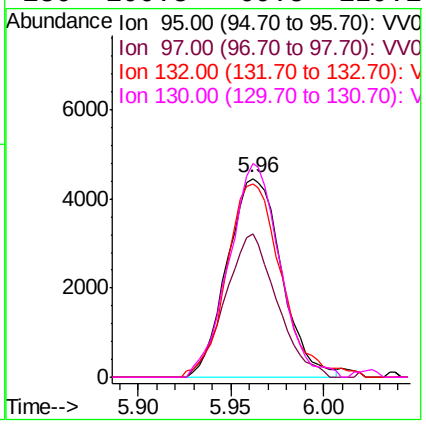


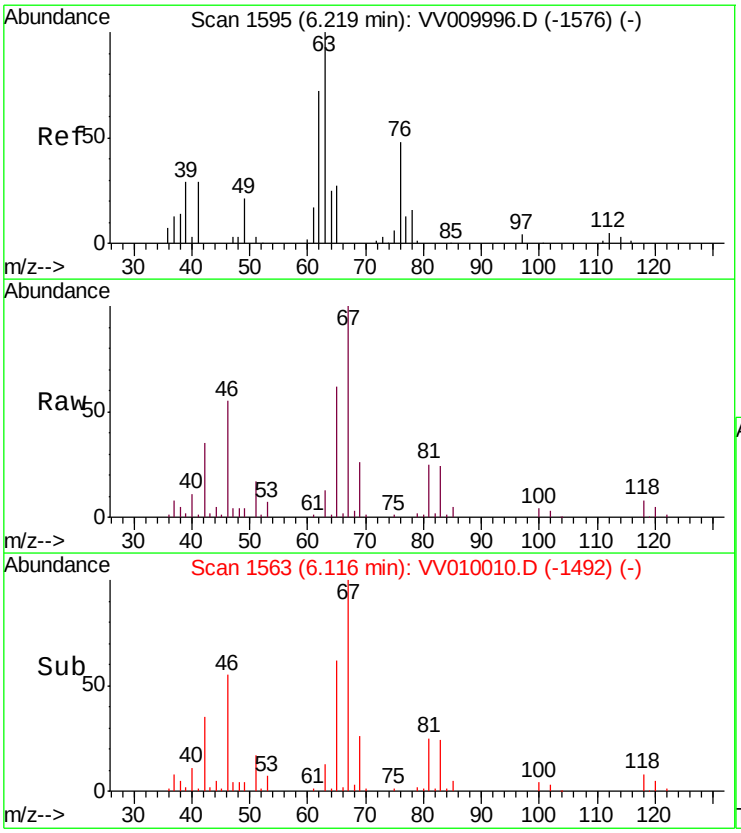
#35
Trichloroethene
Concen: 4.008 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV010010.D
Acq: 29 Mar 2019 19:05

Instrument : MSVOA_V
ClientSampleId : BF2L9

Tgt Ion: 95 Resp: 9093

Ion	Ratio	Lower	Upper
95	100		
97	68.5	46.3	85.9
132	96.9	69.3	128.7
130	100.3	69.5	129.1

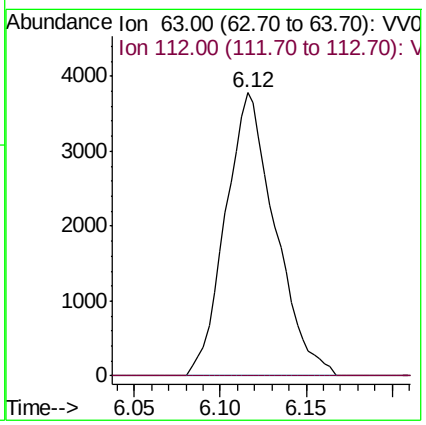


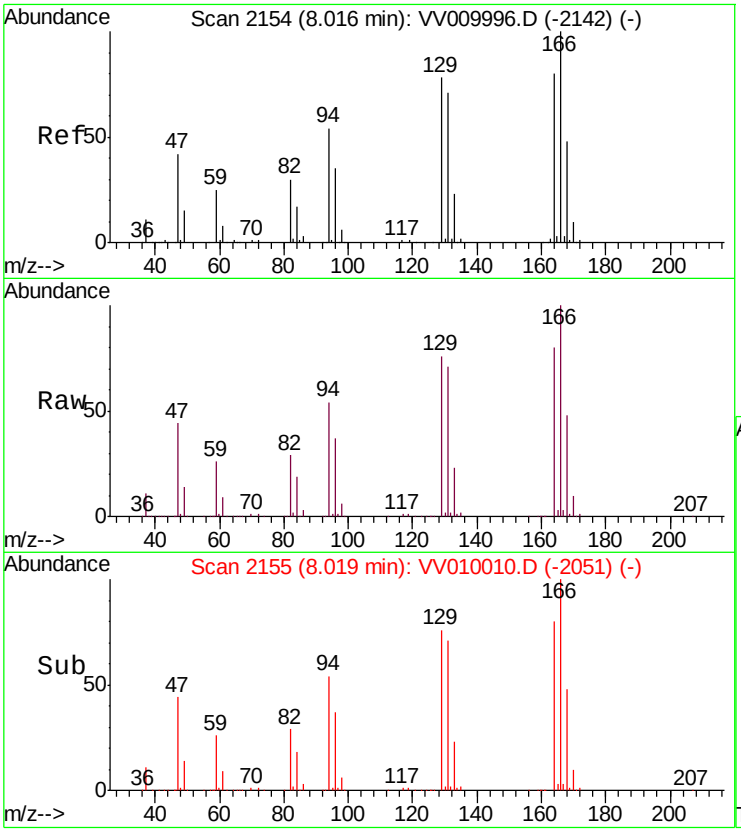


#40
1,2-Dichloropropane
Concen: 3.542 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010010.D
Acq: 29 Mar 2019 19:05

Tgt Ion: 63 Resp: 7612

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.1	3.1#





#47
Tetrachloroethene
Concen: 142.989 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010010.D
Acq: 29 Mar 2019 19:05

Instrument :
MSVOA_V
ClientSampleId :
BF2L9

Tgt Ion:164 Resp: 255978

Ion	Ratio	Lower	Upper
164	100		
129	95.5	64.9	120.5
131	89.5	62.0	115.2
166	125.4	82.9	153.9