Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010171.D
Acq On : 08 Apr 2019 13:10
Operator : SY/MD
Sample : K2255-03
Misc : 4.30G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC36

Manual Integrations APPROVED
MMDadoda
4/15/2019 12:28:25 AM

Quant Time: Apr 09 06:00:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201691	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223210	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106463	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	18506	6.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 27.40%#			
7) Chloroethane-d5	1.57	69	44616	13.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.20%			
10) 1,1-Dichloroethene-d2	2.13	63	50213	7.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 29.48%#			
20) 2-Butanone-d5	3.98	46	2347m	3.05	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 6.10%#			
24) Chloroform-d	4.43	84	5016	0.99	ug/L	0.03
Spiked Amount 25.000	Range 40 - 150		Recovery = 3.96%#			
26) 1,2-Dichloroethane-d4	5.09	65	76078	26.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.04%			
29) Benzene-d6	5.10	84	216441	18.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 74.80%			
33) 1,2-Dichloropropane-d6	6.12	67	79399	23.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.96%			
37) Toluene-d8	7.36	98	201597	18.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.32%			
38) trans-1,3-Dichloropropene-	7.67	79	26829	18.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.48%			
39) 2-Hexanone-d5	8.15	63	486m	0.71	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 1.42%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	139	0.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 0.16%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	95833	23.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.44%			
Target Compounds						Qvalue
13) Acetone	2.20	43	4204	5.534	ug/L	96
16) Methylene chloride	2.54	84	9772	2.758	ug/L	88
21) 2-Butanone	4.02	43	15479m	18.606	ug/L	
25) Chloroform	4.43	83	116675	25.442	ug/L	97
35) Trichloroethene	5.96	95	46598	14.832	ug/L	99
49) 2-Hexanone	8.18	43	27033	18.547	ug/L #	87

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

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Instrument :
MSVOA_V
ClientSampleId :
BFC36

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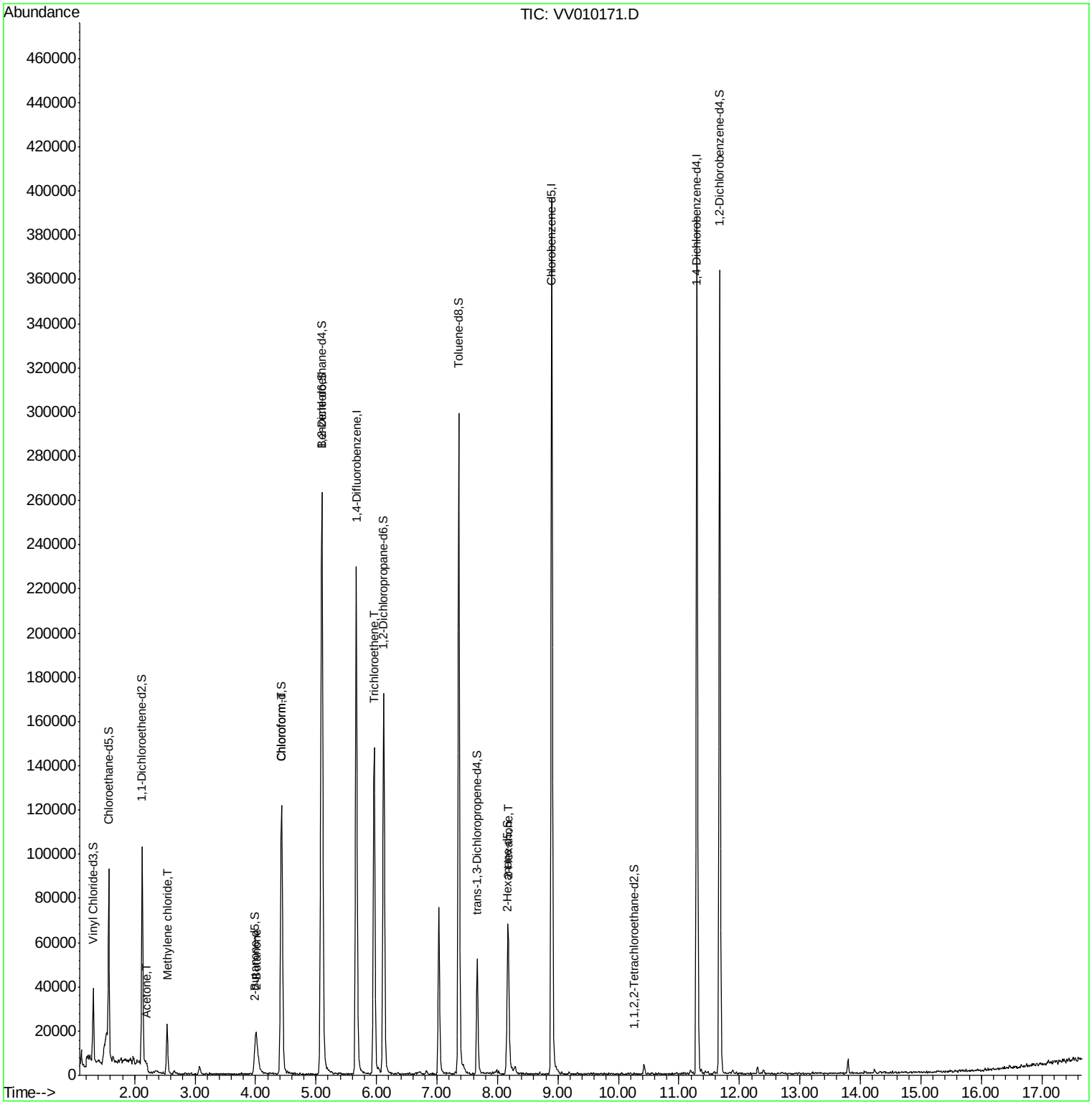
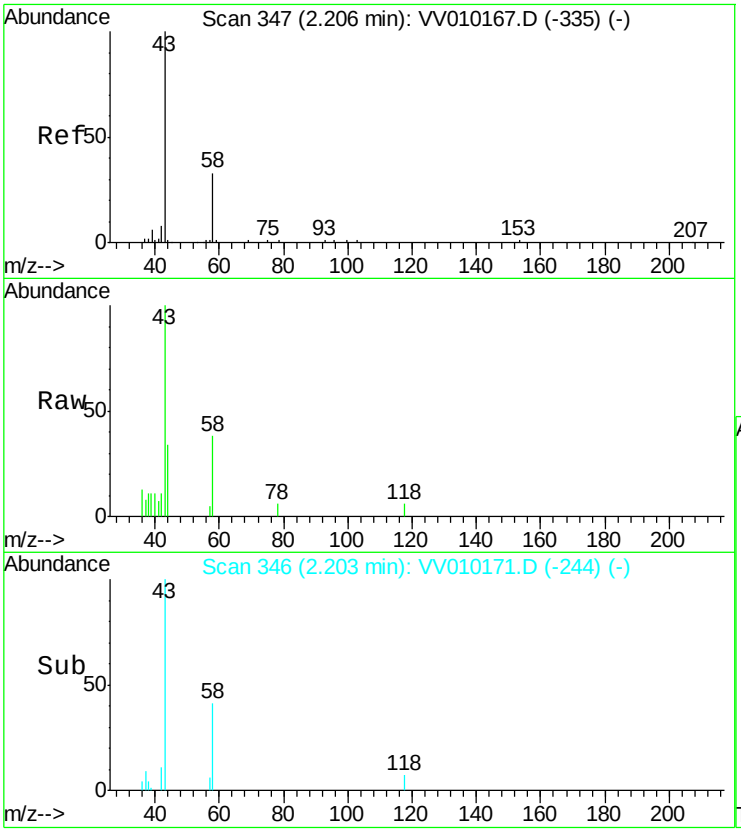
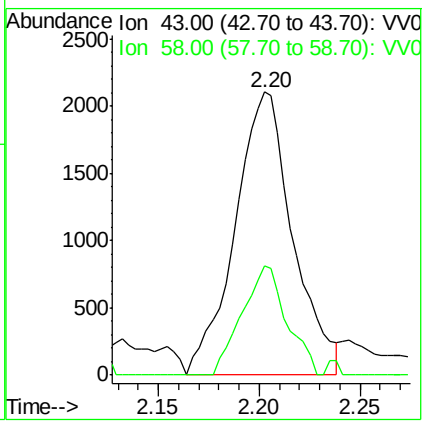




#13
Acetone
Concen: 5.534 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.00 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Tgt Ion: 43 Resp: 4204

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	64.6



Instrument :
MSVOA_V
ClientSampleId :
BFC36

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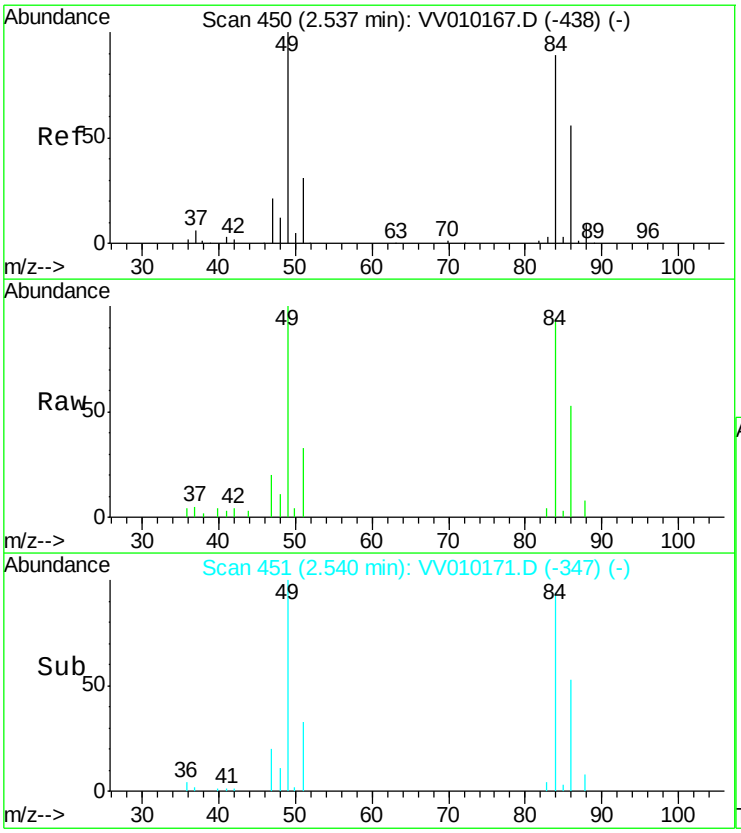
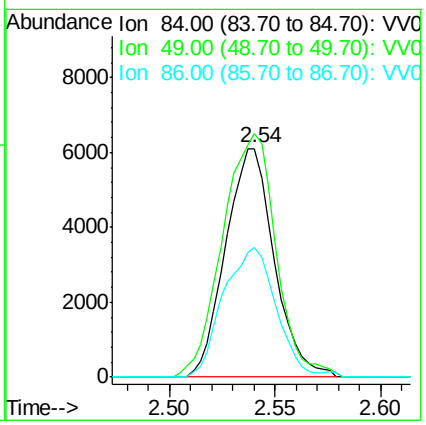
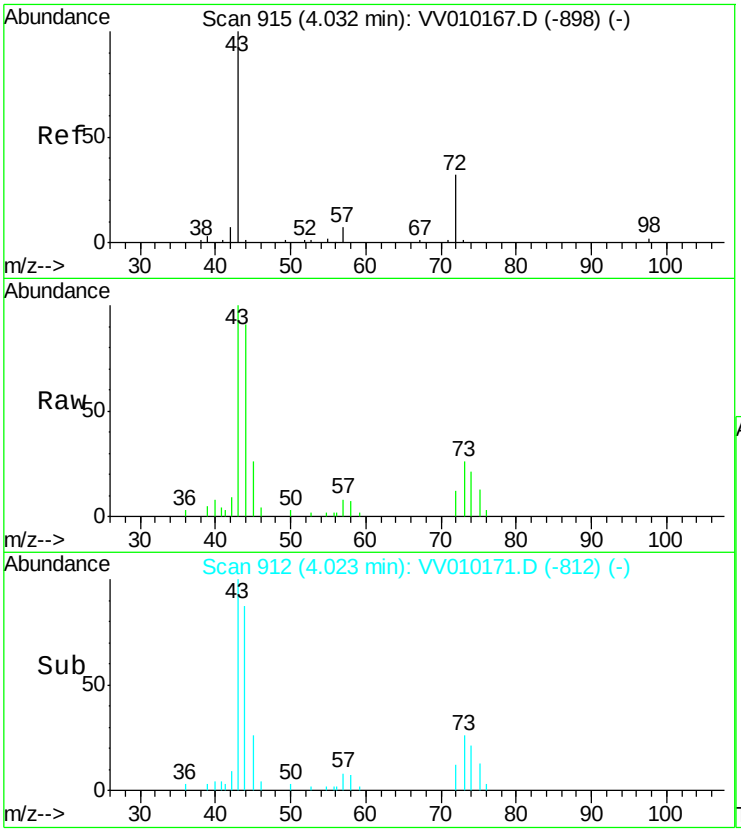


#16
Methylene chloride
Concen: 2.758 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Tgt Ion: 84 Resp: 9772

Ion	Ratio	Lower	Upper
84	100		
49	106.5	84.3	156.5
86	56.7	45.4	84.2

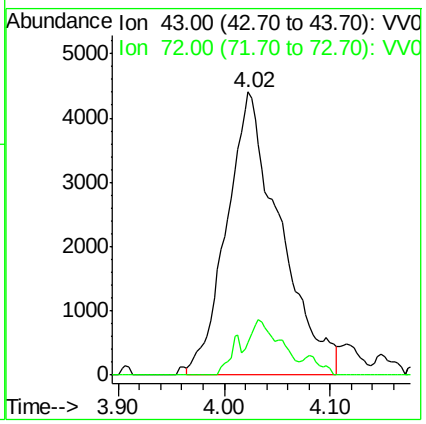




#21
2-Butanone
Concen: 18.606 ug/L m
RT: 4.02 min Scan# 912
Delta R.T. -0.01 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Tgt Ion: 43 Resp: 15479

Ion	Ratio	Lower	Upper
43	100		
72	0.7	12.8	38.4#



Instrument :
MSVOA_V
ClientSampleId :
BFC36

Manual Integrations APPROVED
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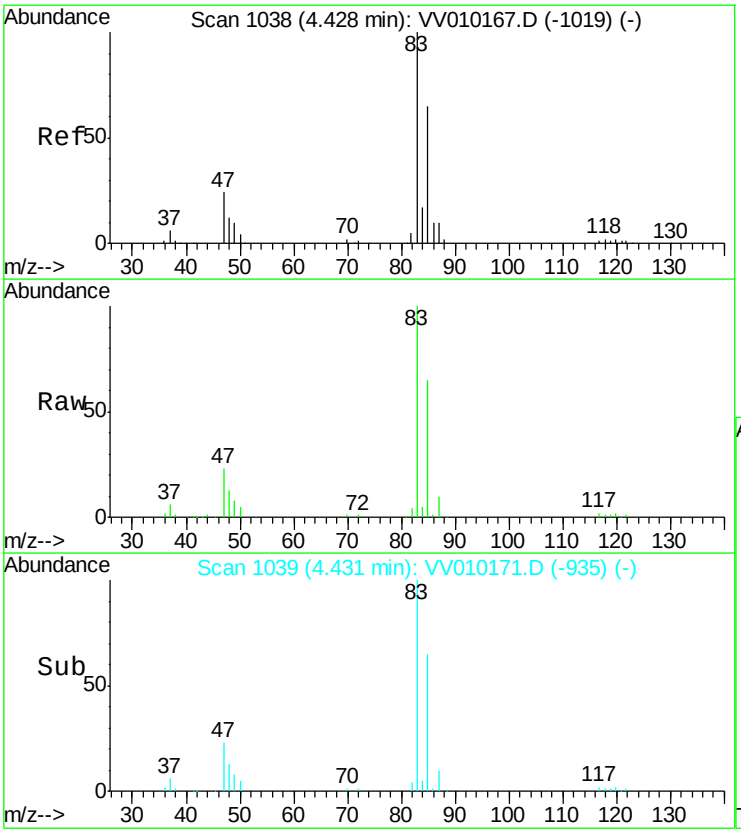
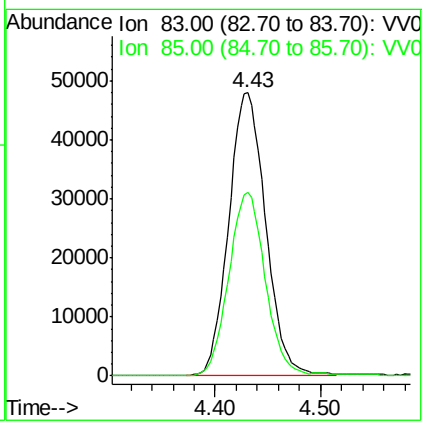
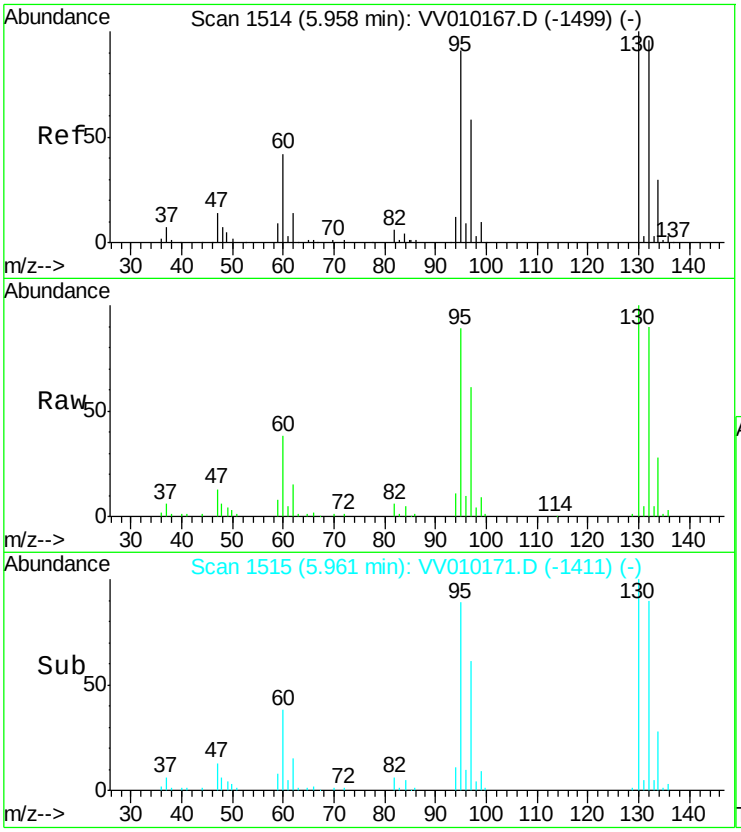


#25
Chloroform
Concen: 25.442 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Tgt Ion: 83 Resp: 116675

Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.4	86.2

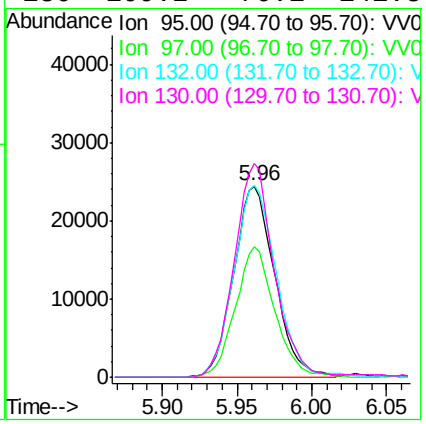




#35
Trichloroethene
Concen: 14.832 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Tgt Ion: 95 Resp: 46598

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.8	85.2
132	103.5	70.6	131.0
130	109.2	76.1	141.3



Instrument :
MSVOA_V
ClientSampleId :
BFC36

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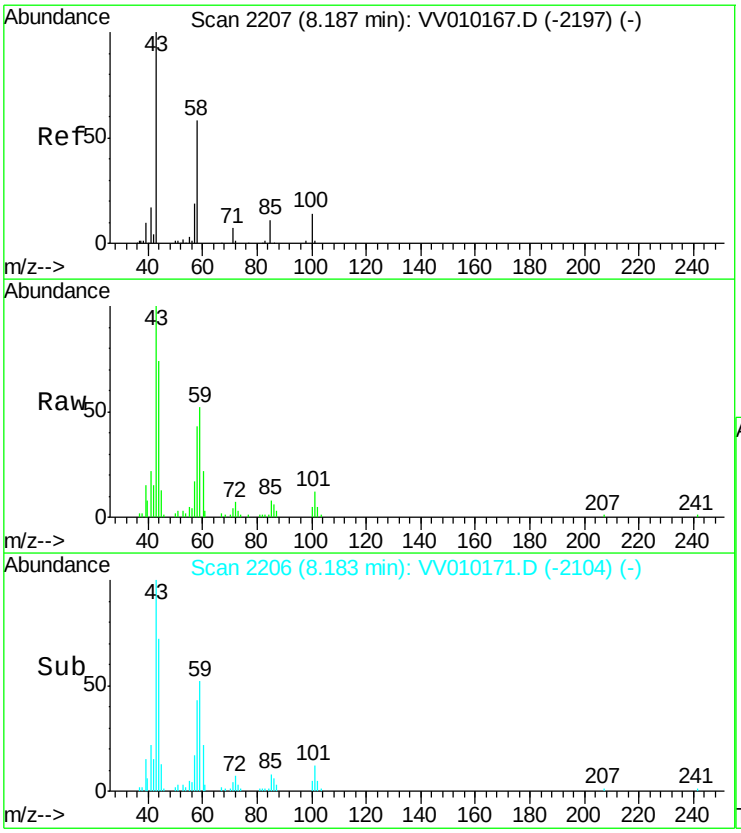
4/15/2019 12:28:25 AM



#49
2-Hexanone
Concen: 18.547 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV010171.D
Acq: 08 Apr 2019 13:10

Tgt Ion: 43 Resp: 27033

Ion	Ratio	Lower	Upper
43	100		
58	44.7	44.3	66.5
57	18.4	13.8	20.8
100	5.4	10.6	15.8#