Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

Quantitation Report (Not Reviewed)

Data File : VV012948.D
Acq On : 23 Sep 2019 20:34
Operator : SY/MD
Sample : K4958-17
Misc : 4.64G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESP01

Quant Time: Sep 24 07:43:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	611583	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	555571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	193271	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	203278	21.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.68%			
7) Chloroethane-d5	1.58	69	186956	24.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.48%			
10) 1,1-Dichloroethene-d2	2.13	63	273731	17.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.40%			
20) 2-Butanone-d5	3.95	46	105537	32.21	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.42%			
24) Chloroform-d	4.40	84	403116	23.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.96%			
26) 1,2-Dichloroethane-d4	5.08	65	245207	25.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%			
29) Benzene-d6	5.10	84	800331	25.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.20%			
33) 1,2-Dichloropropane-d6	6.12	67	267151	27.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.92%			
37) Toluene-d8	7.36	98	653895	23.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.88%			
38) trans-1,3-Dichloropropene-	7.66	79	82528	20.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.16%			
39) 2-Hexanone-d5	8.14	63	66607	34.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	212523	23.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.04%			
61) 1,2-Dichlorobenzene-d4	11.67	152	186444	24.83	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.32%			

Target Compounds						Qvalue
16) Methylene chloride	2.54	84	17736	1.940	ug/L	97
21) 2-Butanone	4.01	43	14877	3.671	ug/L #	52
49) 2-Hexanone	8.17	43	16073	3.227	ug/L #	36
59) 1,2,3-Trichloropropane	11.29	75	21270	3.051	ug/L	92

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

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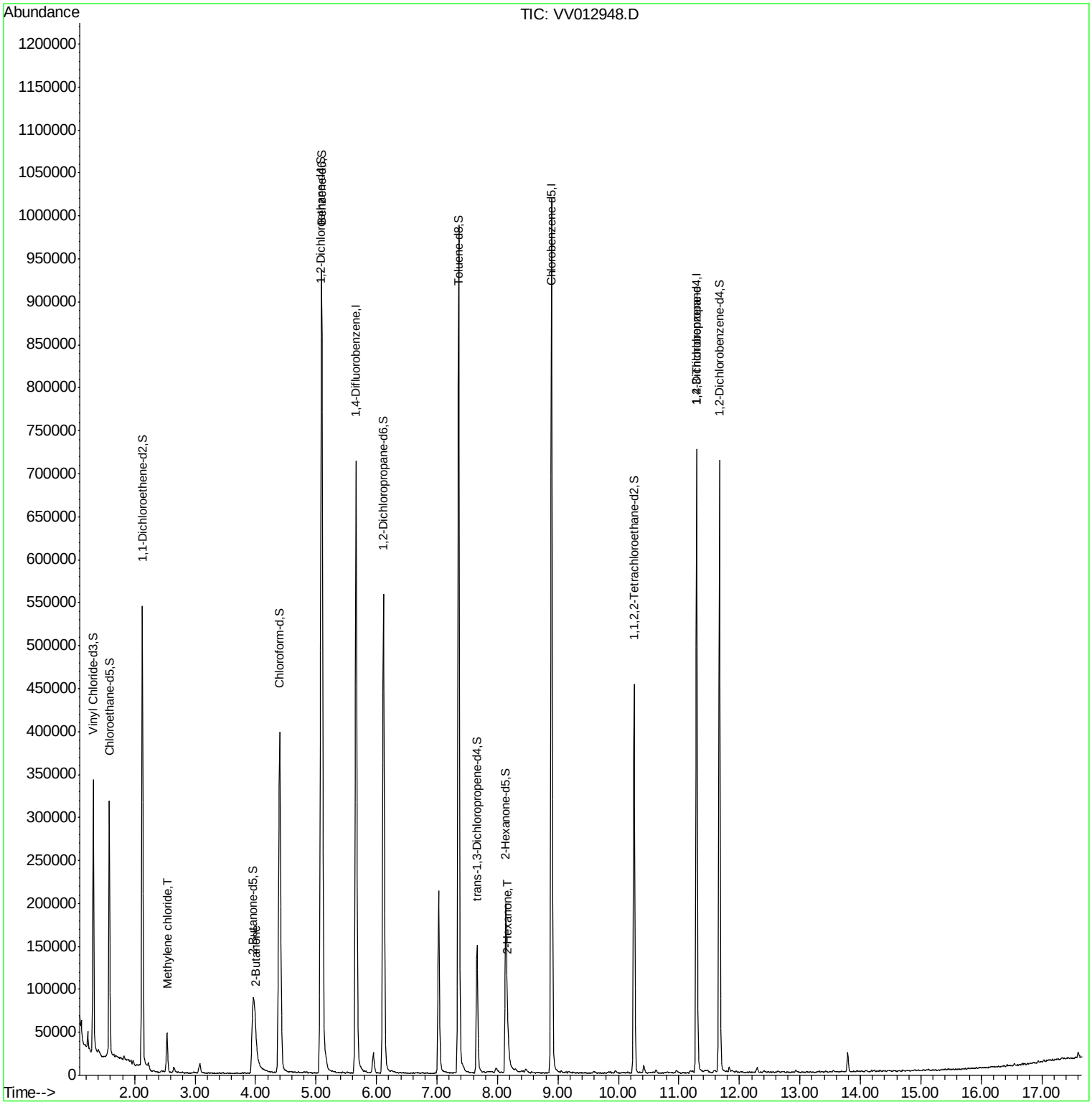
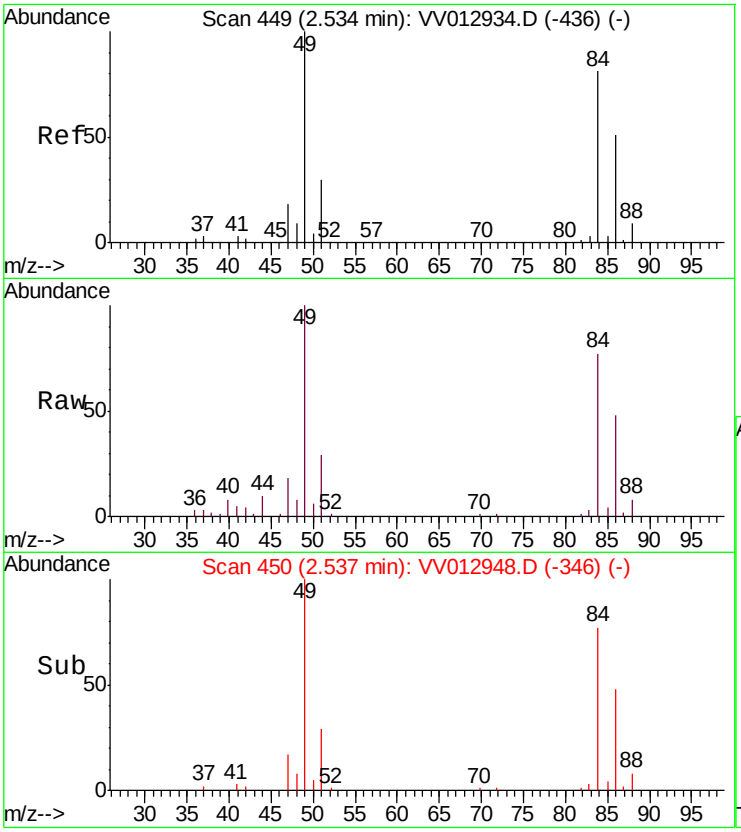


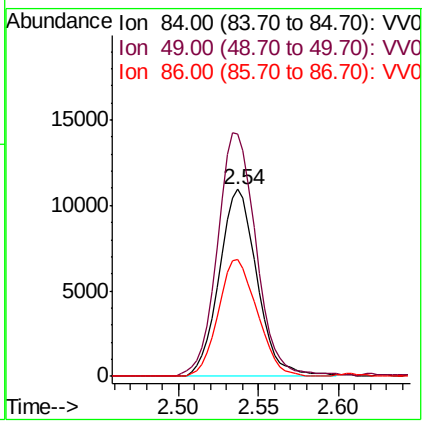


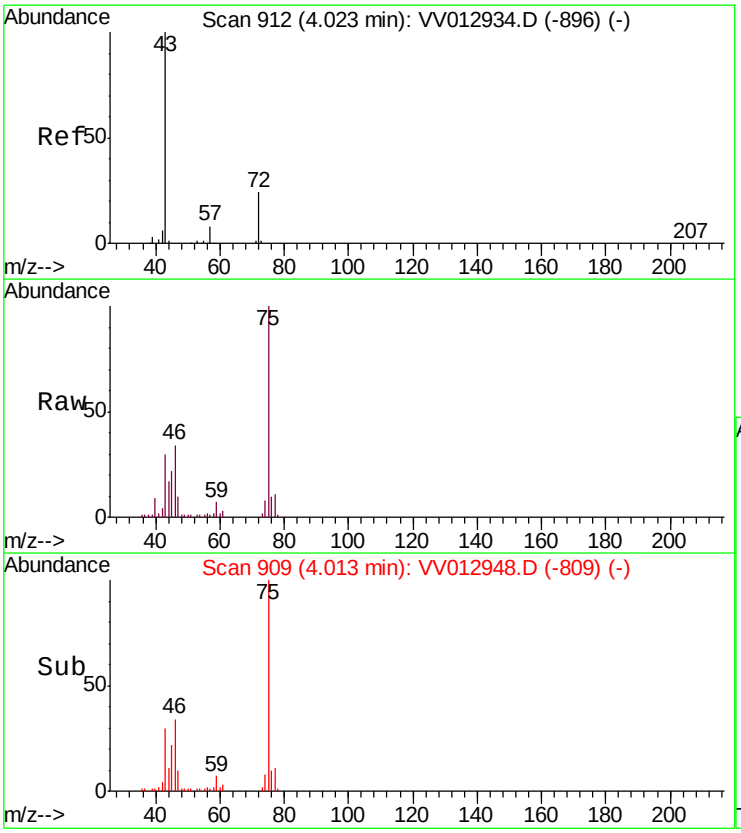
#16
Methylene chloride
Concen: 1.940 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012948.D
Acq: 23 Sep 2019 20:34

Instrument :
MSVOA_V
ClientSampleId :
ESP01

Tgt Ion: 84 Resp: 17736

Ion	Ratio	Lower	Upper
84	100		
49	129.5	88.3	164.1
86	62.4	44.9	83.3

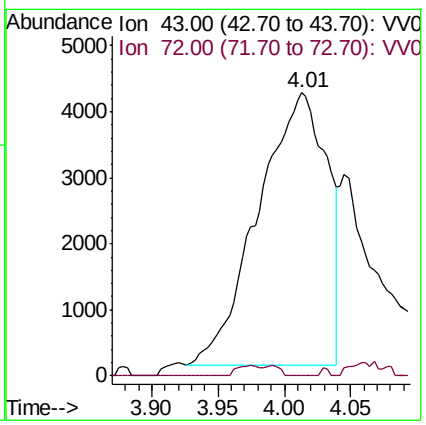


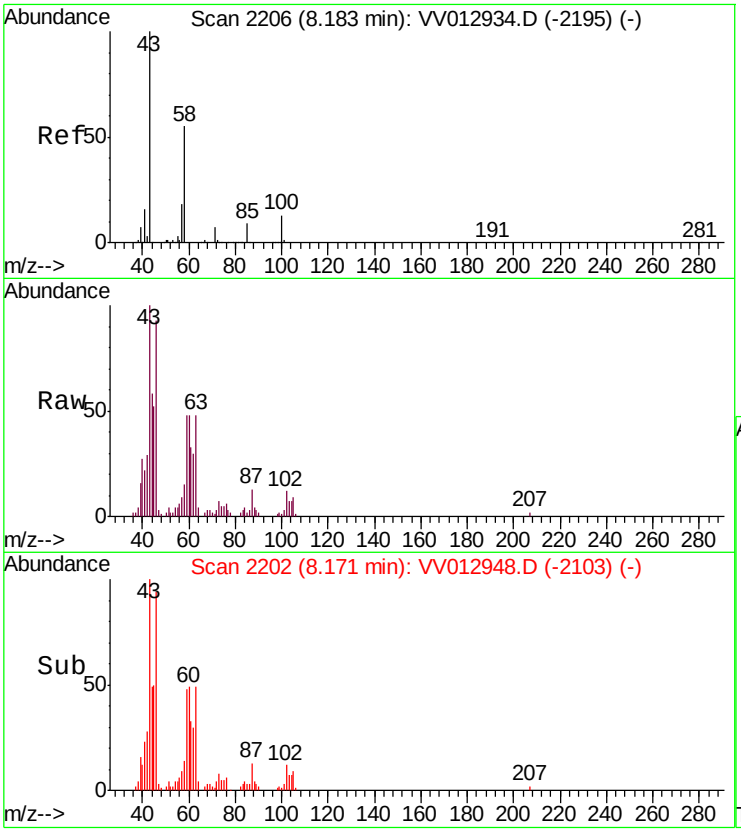


#21
2-Butanone
Concen: 3.671 ug/L
RT: 4.01 min Scan# 909
Delta R.T. -0.01 min
Lab File: VV012948.D
Acq: 23 Sep 2019 20:34

Tgt Ion: 43 Resp: 14877

Ion	Ratio	Lower	Upper
43	100		
72	0.3	11.9	35.9#



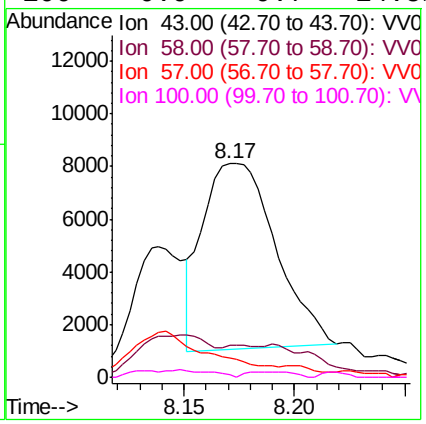


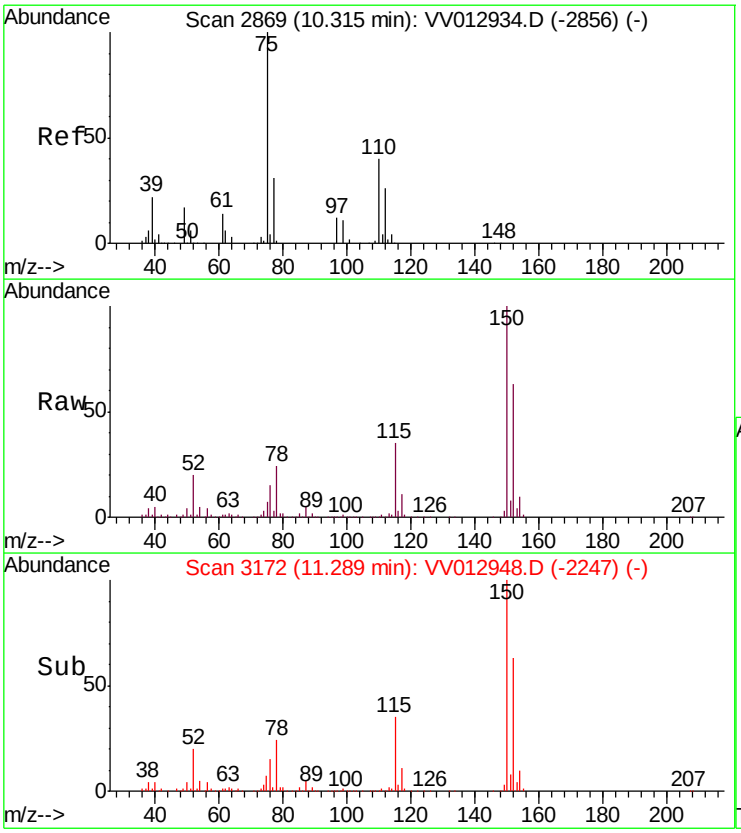
#49
2-Hexanone
Concen: 3.227 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV012948.D
Acq: 23 Sep 2019 20:34

Instrument :
MSVOA_V
ClientSampleId :
ESP01

Tgt Ion: 43 Resp: 16073

Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.5	69.7#
57	0.0	15.5	23.3#
100	0.9	9.7	14.5#





#59
1,2,3-Trichloropropane
Concen: 3.051 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.97 min
Lab File: VV012948.D
Acq: 23 Sep 2019 20:34

Tgt Ion: 75 Resp: 21270

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.4	38.0