Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\
Data File : VV010638.D
Acq On : 02 May 2019 21:11
Operator : SY/MD
Sample : K2603-06
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ58

Quant Time: May 03 03:02:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91330	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26919	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	9972	8.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 34.48%			
7) Chloroethane-d5	1.57	69	11773	14.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.20%			
10) 1,1-Dichloroethene-d2	2.13	63	18474	9.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 36.44%#			
20) 2-Butanone-d5	3.94	46	24506	69.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.32%#			
24) Chloroform-d	4.40	84	59553	25.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.96%			
26) 1,2-Dichloroethane-d4	5.08	65	40363	29.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.44%			
29) Benzene-d6	5.10	84	97397	21.31	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.24%			
33) 1,2-Dichloropropane-d6	6.12	67	40614	29.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.04%			
37) Toluene-d8	7.36	98	77799	17.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.84%			
38) trans-1,3-Dichloropropene-	7.66	79	12336	21.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.28%			
39) 2-Hexanone-d5	8.13	63	17393	69.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.54%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38616	30.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.40%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	21859	21.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.40%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1830	6.068	ug/L	98
34) Benzene	5.15	78	2977	0.706	ug/L	100
44) Toluene	7.43	91	46645	10.024	ug/L	98
56) Styrene	9.61	104	3112	0.941	ug/L	89

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

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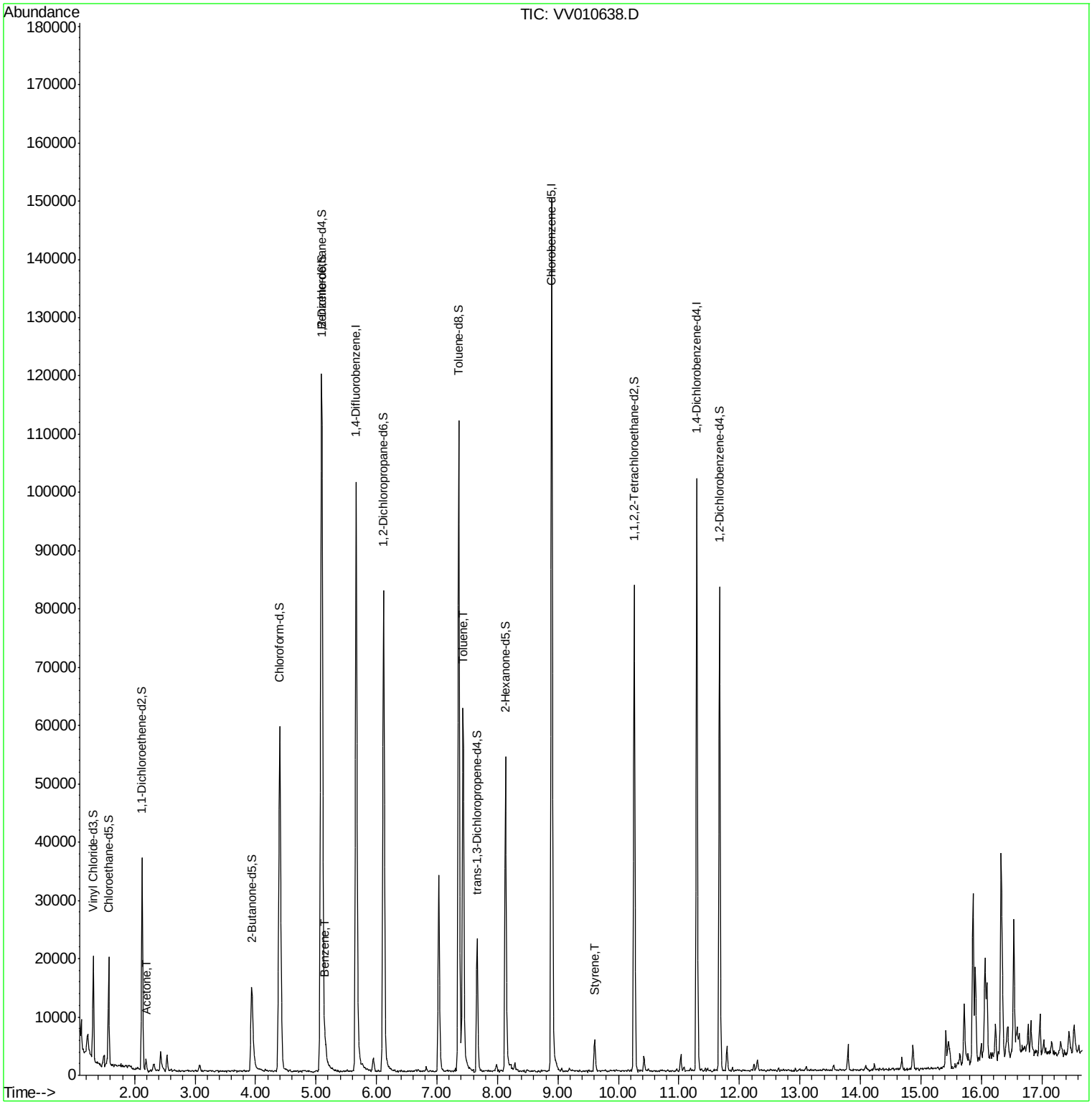
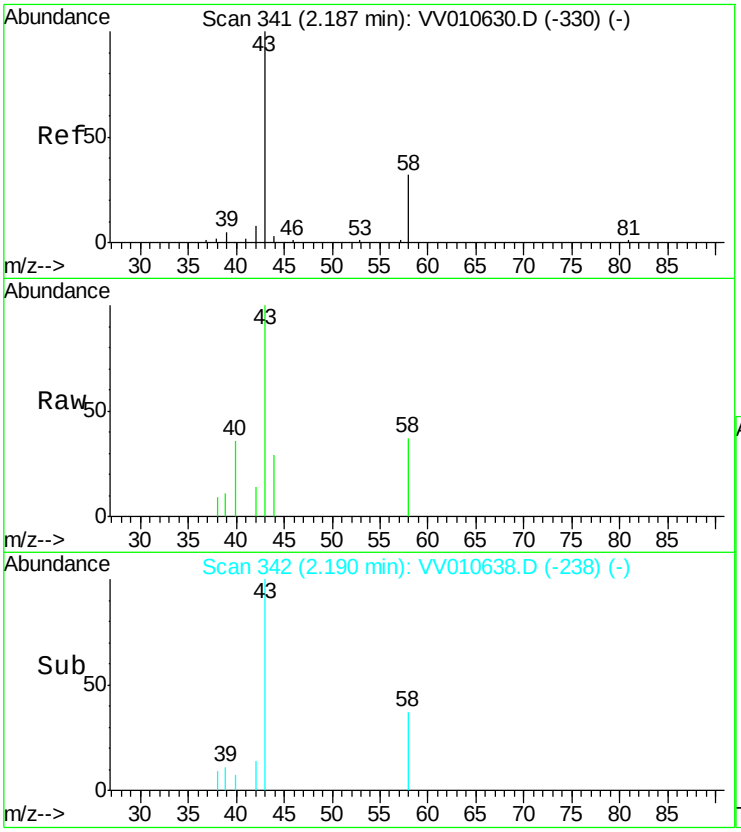


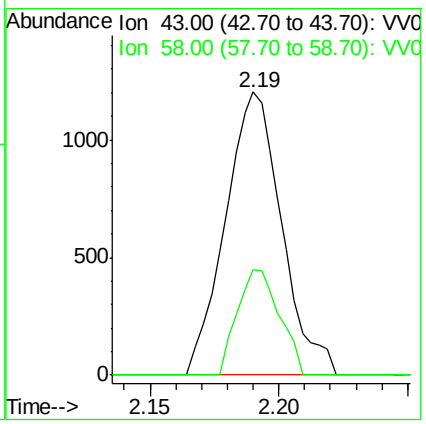


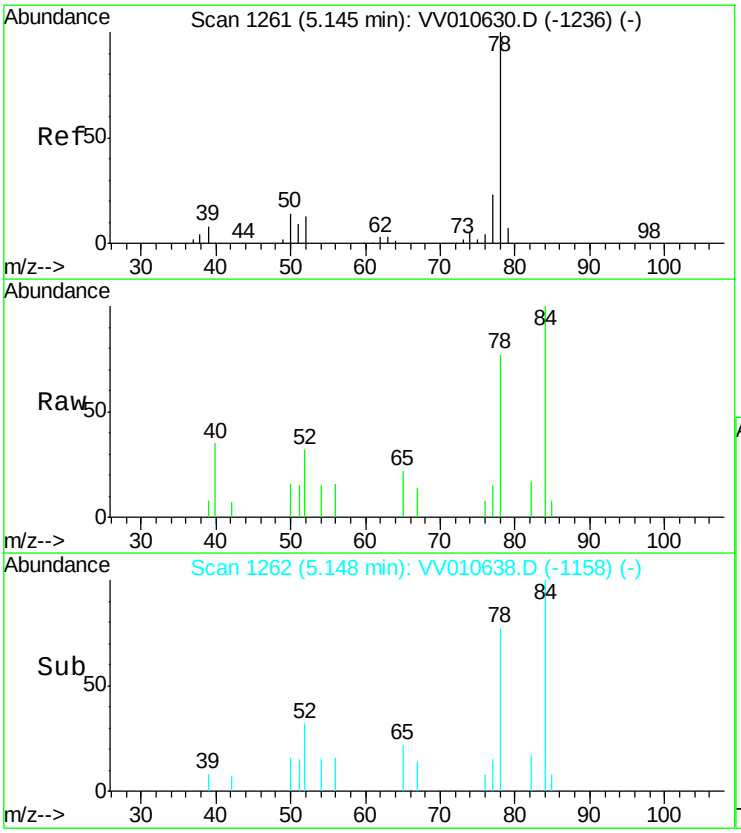
#13
Acetone
Concen: 6.068 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010638.D
Acq: 02 May 2019 21:11

Instrument :
MSVOA_V
ClientSampleId :
GAJ58

Tgt Ion: 43 Resp: 1830

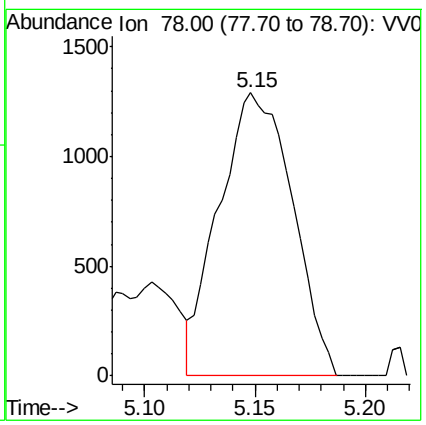
Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	58.2

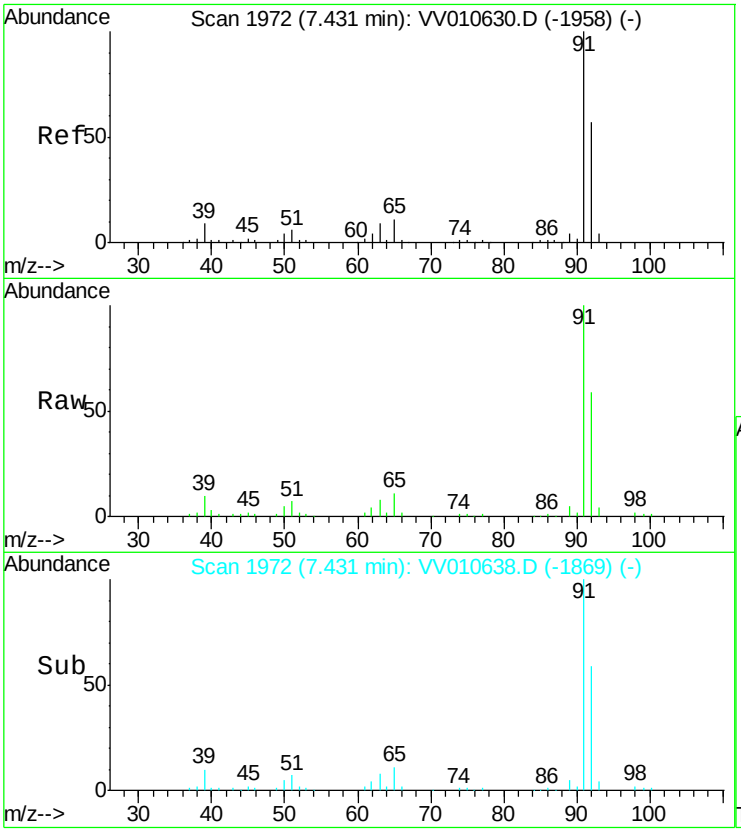




#34
Benzene
Concen: 0.706 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV010638.D
Acq: 02 May 2019 21:11

Tgt Ion: 78 Resp: 2977



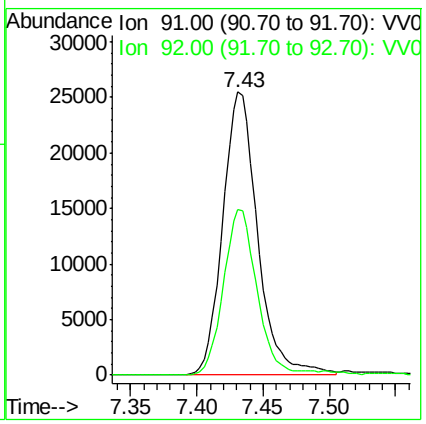


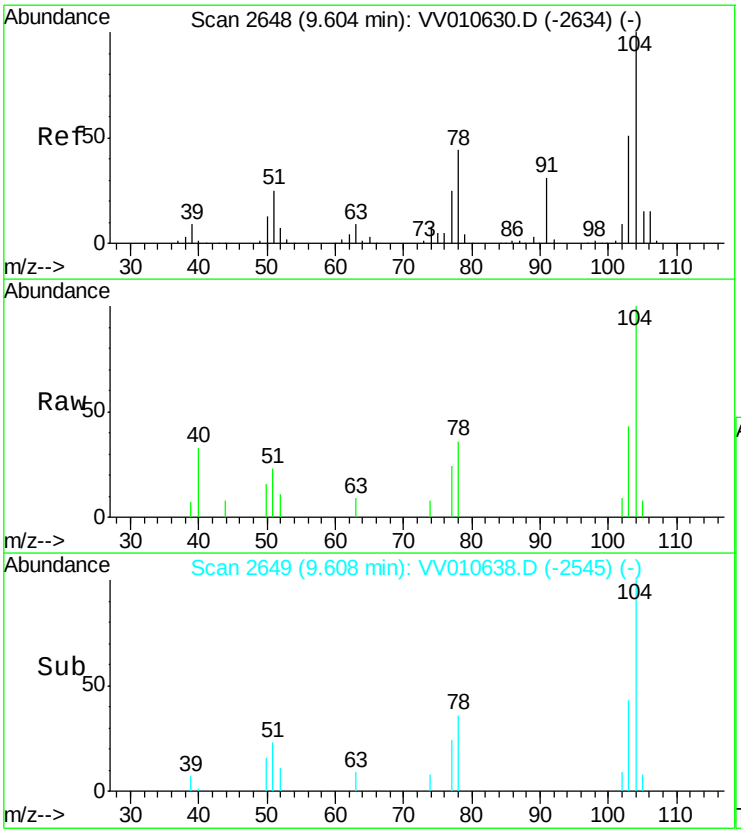
#44
Toluene
Concen: 10.024 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010638.D
Acq: 02 May 2019 21:11

Instrument :
MSVOA_V
ClientSampleId :
GAJ58

Tgt Ion: 91 Resp: 46645

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.1	74.5





#56
Styrene
Concen: 0.941 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV010638.D
Acq: 02 May 2019 21:11

Tgt Ion:104 Resp: 3112

Ion	Ratio	Lower	Upper
104	100		
78	36.4	30.4	56.5