Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110220\
Data File : VW017039.D
Acq On : 02 Nov 2020 11:51
Operator : SY/VA
Sample : L4543-13
Misc : 4.95G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG471

Manual Integrations APPROVED
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11/4/2020 11:31:58 AM

Quant Time: Nov 03 05:25:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	602865	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	531999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239251	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	166609	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.80%			
7) Chloroethane-d5	2.90	69	137478	25.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.00%			
10) 1,1-Dichloroethene-d2	4.02	63	253407	18.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.88%			
20) 2-Butanone-d5	7.09	46	53562	40.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.74%			
24) Chloroform-d	7.65	84	338015	24.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.24%			
26) 1,2-Dichloroethane-d4	8.31	65	152551	23.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.24%			
29) Benzene-d6	8.28	84	708234	25.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.68%			
33) 1,2-Dichloropropane-d6	9.28	67	189001	25.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.48%			
37) Toluene-d8	10.33	98	662501	25.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.00%			
38) trans-1,3-Dichloropropene-	10.58	79	72273	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.36%			
39) 2-Hexanone-d5	10.93	63	43333	41.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.68%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123274	21.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	216925	25.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.20%			

Target Compounds						Qvalue
13) Acetone	4.15	43	5516m	6.254	ug/L	
16) Methylene chloride	4.92	84	24040	3.016	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	2178	0.700	ug/L #	91

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

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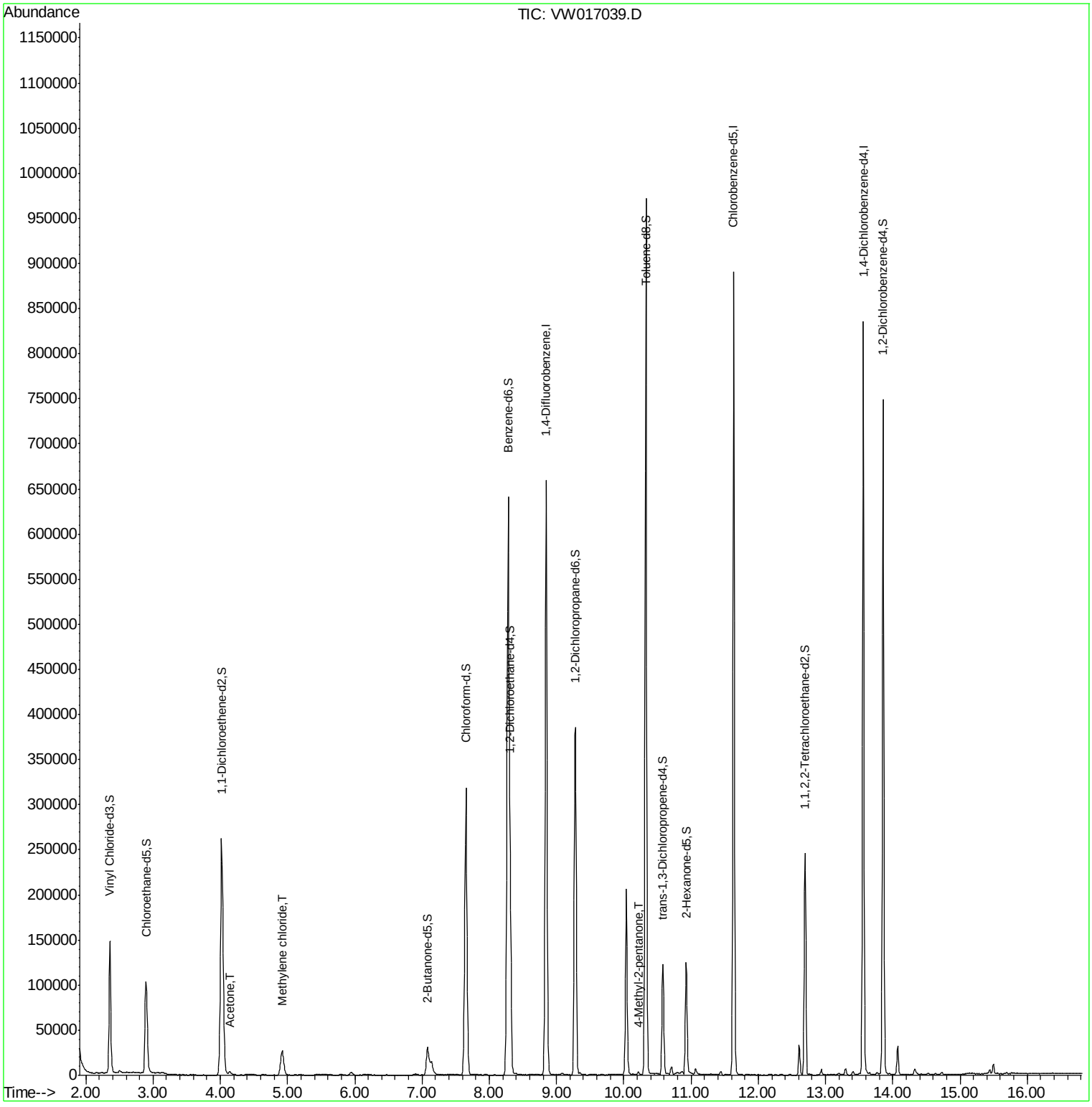
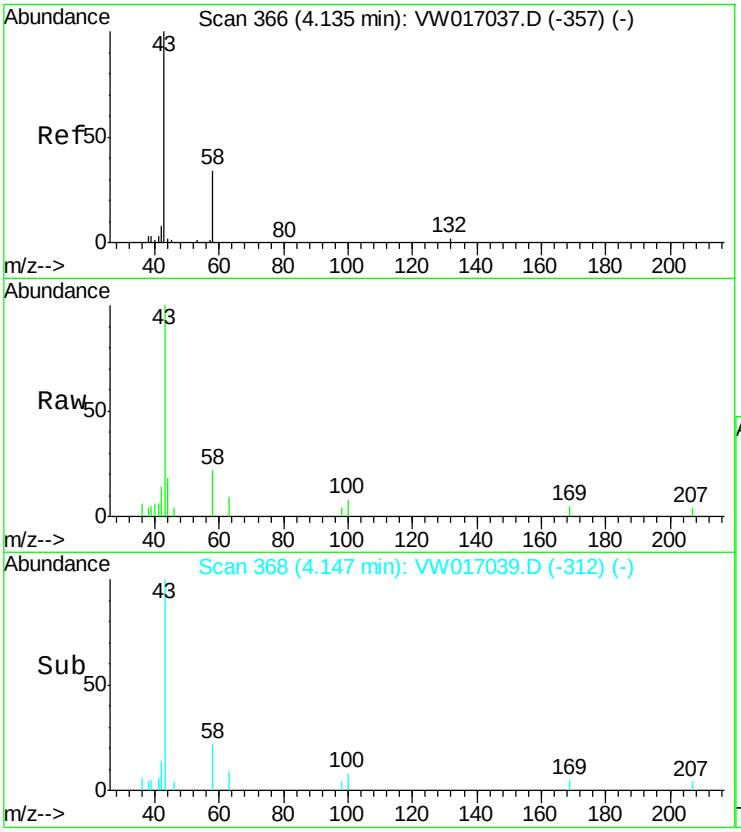
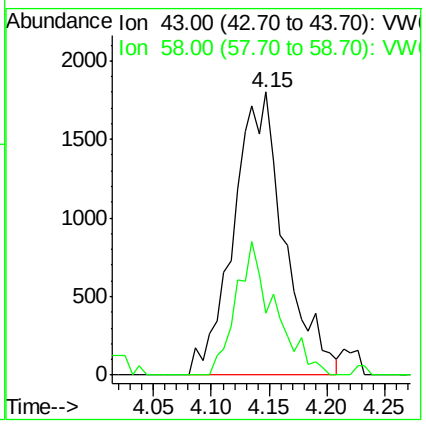




#13
Acetone
Concen: 6.254 ug/L m
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW017039.D
Acq: 02 Nov 2020 11:51

Tgt Ion: 43 Resp: 5516

Ion	Ratio	Lower	Upper
43	100		
58	24.5	0.0	69.8



Instrument :
MSVOA_W
ClientSampleId :
BG471

Manual Integrations APPROVED
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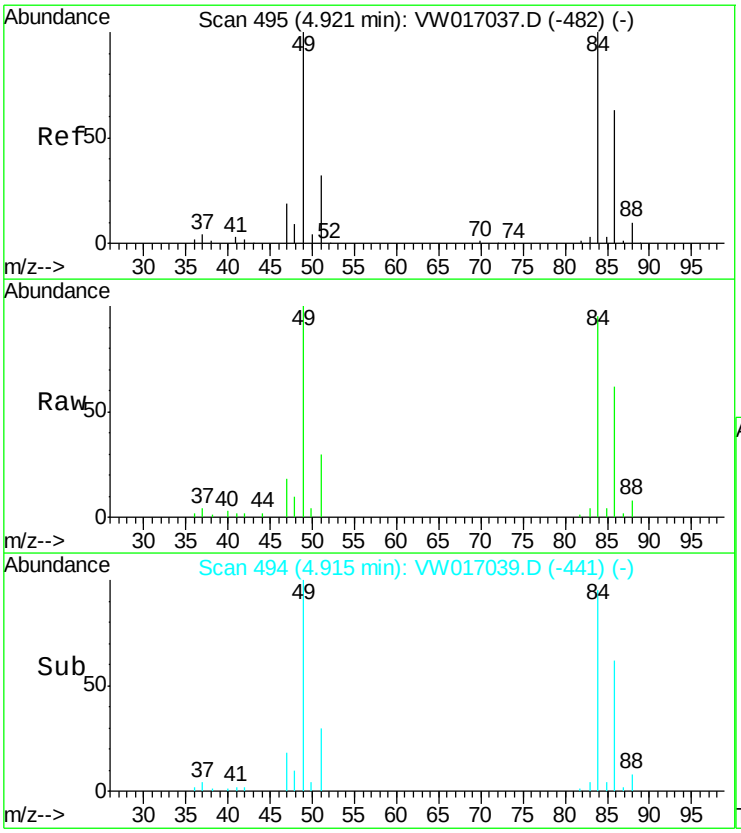
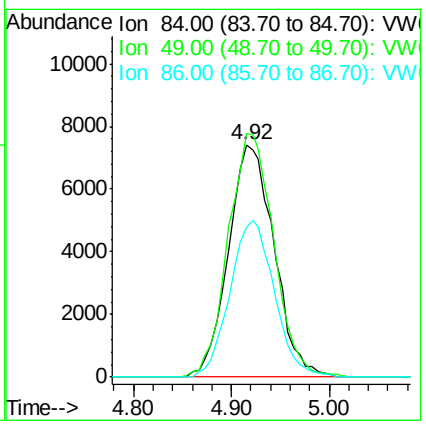
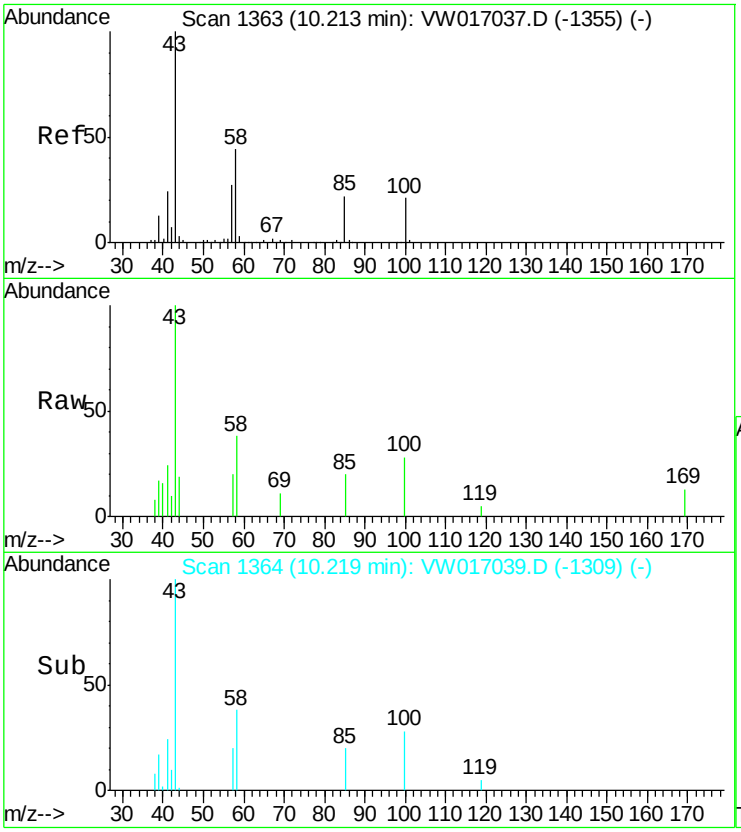


#16
Methylene chloride
Concen: 3.016 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017039.D
Acq: 02 Nov 2020 11:51

Tgt Ion: 84 Resp: 24040

Ion	Ratio	Lower	Upper
84	100		
49	104.8	73.8	137.0
86	64.8	47.4	88.0

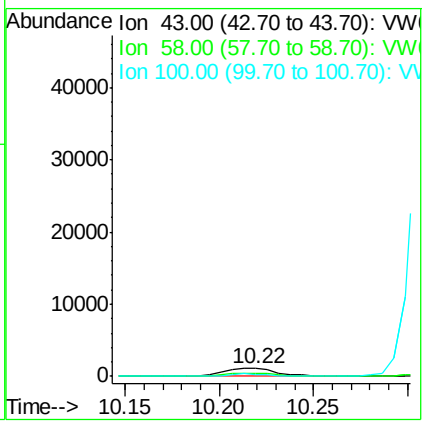




#43
4-Methyl-2-pentanone
Concen: 0.700 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017039.D
Acq: 02 Nov 2020 11:51

Tgt Ion: 43 Resp: 2178

Ion	Ratio	Lower	Upper
43	100		
58	38.1	34.4	51.6
100	25.7	16.2	24.2#



Instrument :
MSVOA_W
ClientSampleId :
BG471

Manual Integrations APPROVED
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