Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110519\
Data File : VY000537.D
Acq On : 05 Nov 2019 15:22
Operator : SY/MD
Sample : K5202-05
Misc : 5.26G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AA9

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:58:14 AM

Quant Time: Nov 06 07:39:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 07:01:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	354258	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	312358	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	133894	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	138532	25.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.68%			
7) Chloroethane-d5	2.77	69	120775	25.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.76%			
11) 1,1-Dichloroethene-d2	3.86	63	177518	18.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.80%			
21) 2-Butanone-d5	6.91	46	81913	34.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.14%			
24) Chloroform-d	7.49	84	220613	23.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.56%			
26) 1,2-Dichloroethane-d4	8.16	65	131884	23.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.64%			
32) Benzene-d6	8.12	84	473128	26.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.76%			
36) 1,2-Dichloropropane-d6	9.13	67	143672	26.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.40%			
41) Toluene-d8	10.18	98	426472	25.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	10.44	79	64673	23.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.12%			
47) 2-Hexanone-d5	10.79	63	64747	37.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.16%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	120936	20.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.16%			
66) 1,2-Dichlorobenzene-d4	13.72	152	126317	24.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
13) Acetone	3.98	43	11692	5.172	ug/L	86
16) Methylene chloride	4.72	84	9180m	1.590	ug/L	

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

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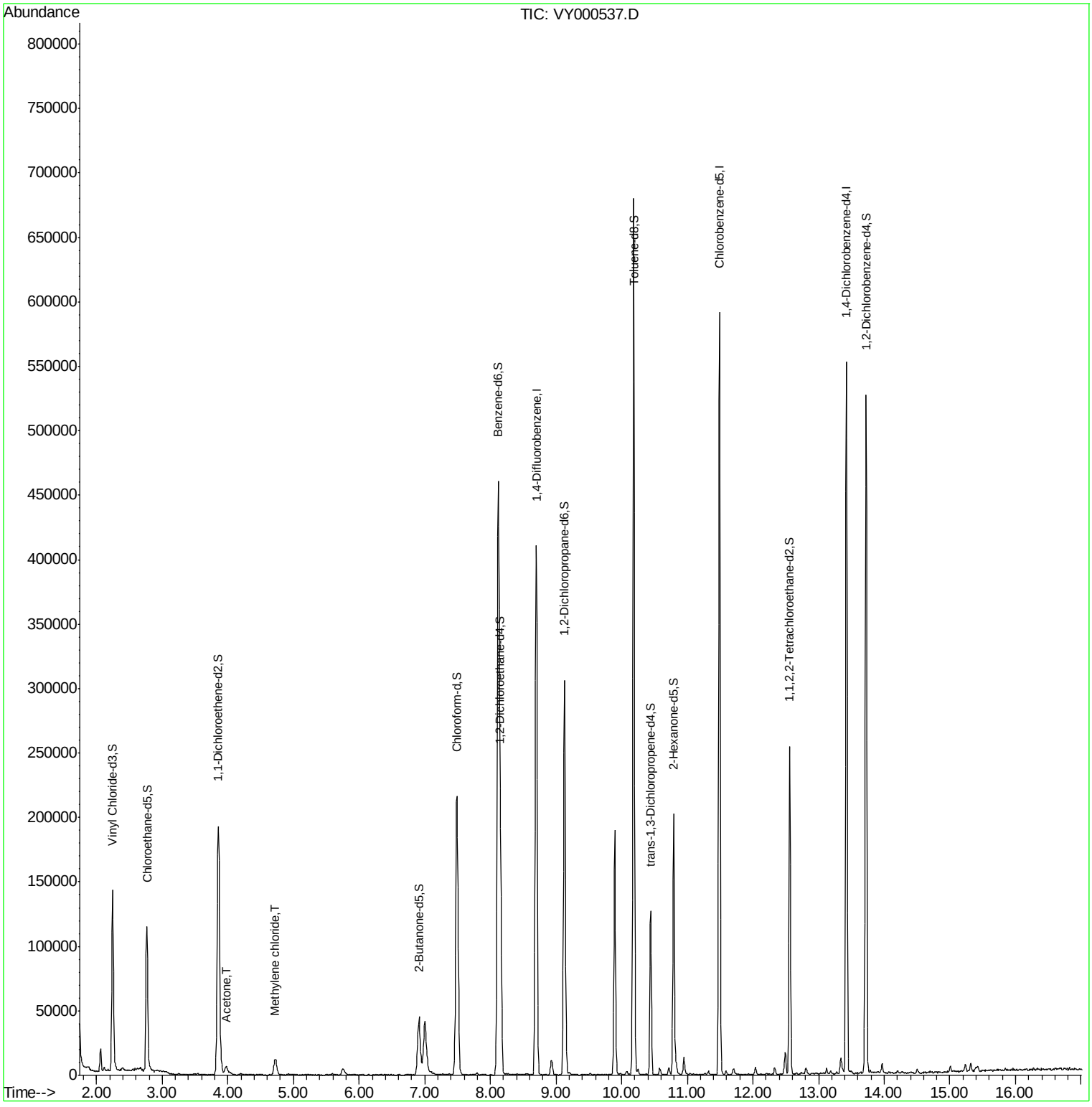
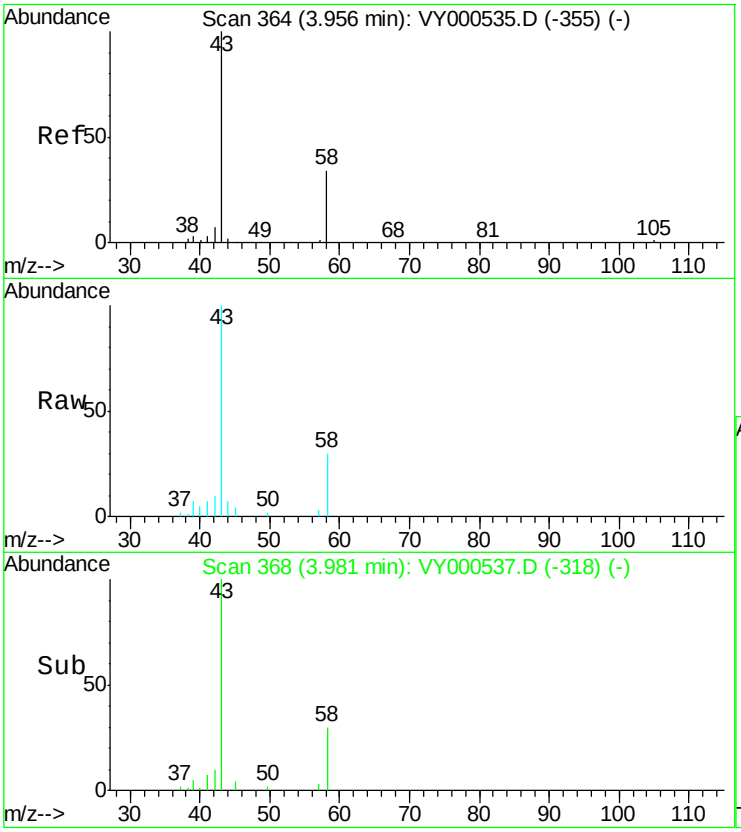
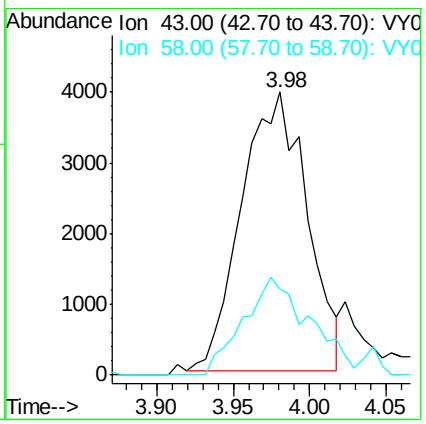




#13
Acetone
Concen: 5.172 ug/L
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY000537.D
Acq: 05 Nov 2019 15:22

Tgt Ion: 43 Resp: 11692

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	69.6



Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

Manual Integrations APPROVED
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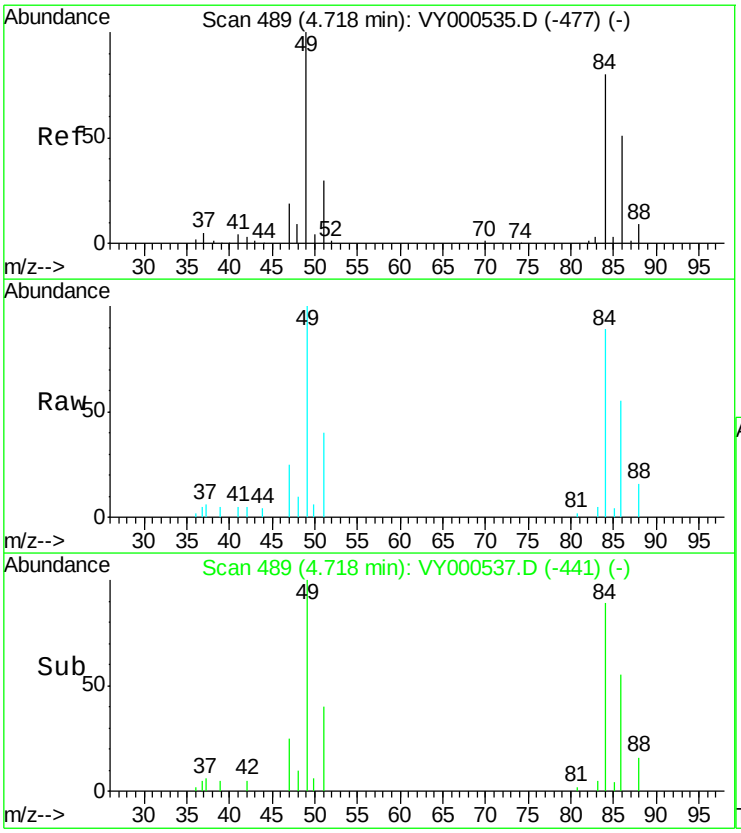

#16
Methylene chloride
Concen: 1.590 ug/L m
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000537.D
Acq: 05 Nov 2019 15:22

Tgt Ion: 84 Resp: 9180

Ion	Ratio	Lower	Upper
84	100		
86	61.9	43.4	80.6
49	111.9	92.3	171.3