

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
 Data File : VY000938.D
 Acq On : 13 Dec 2019 10:50
 Operator : SY/MD
 Sample : VY1213SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK780

Quant Time: Dec 14 06:01:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM110519SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 09:49:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	461162	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	418966	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	191136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	124415	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.84%
7) Chloroethane-d5	2.76	69	121030	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%
11) 1,1-Dichloroethene-d2	3.85	63	194020	15.91	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.64%
21) 2-Butanone-d5	6.89	46	162104	52.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.10%
24) Chloroform-d	7.49	84	259551	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	8.14	65	151654	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	8.11	84	571440	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
36) 1,2-Dichloropropane-d6	9.12	67	186093	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
41) Toluene-d8	10.17	98	509034	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.44	79	81360	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.32%
47) 2-Hexanone-d5	10.78	63	122475	53.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.00%
56) 1,1,2,2-Tetrachloroethane-	12.55	84	183463	22.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.80%
66) 1,2-Dichlorobenzene-d4	13.72	152	174050	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%

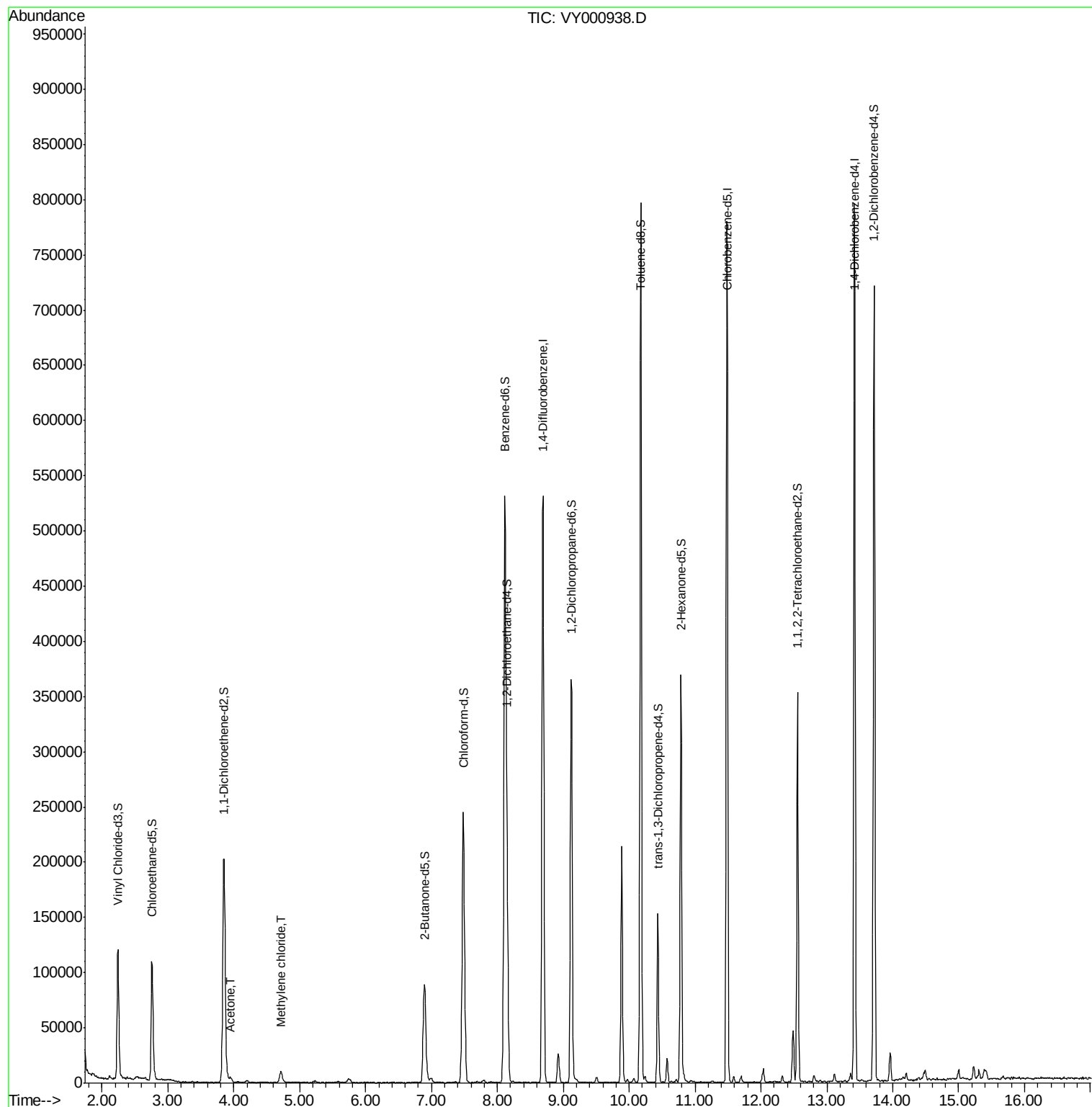
Target Compounds					Ovalue
13) Acetone	3.94	43	7538	2.561 ug/L	98
16) Methylene chloride	4.72	84	7728	1.028 ug/L #	64

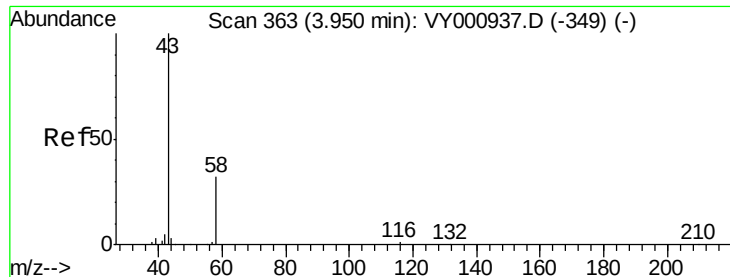
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.561 ug/L

RT: 3.94 min Scan# 362

Delta R.T. -0.01 min

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Instrument :

MSVOA_Y

ClientSampleId :

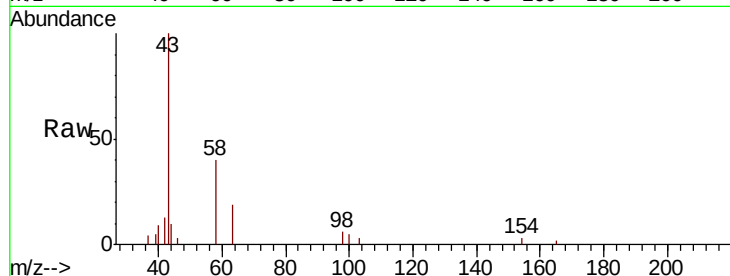
VBLK780

Tot Ion: 43 Resp: 7538

Ion Ratio Lower Upper

43 100

58 33.7 0.0 69.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.94

2500

2000

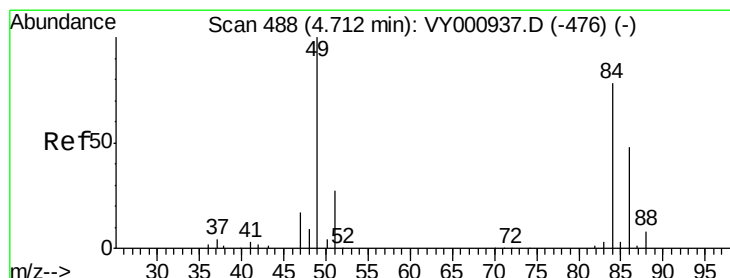
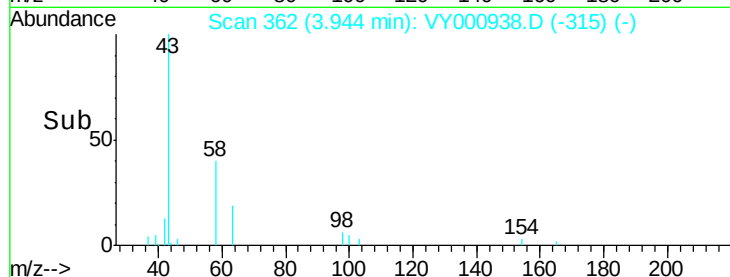
1500

1000

500

0

Time--> 3.85 3.90 3.95 4.00



#16

Methylene chloride

Concen: 1.028 ug/L

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

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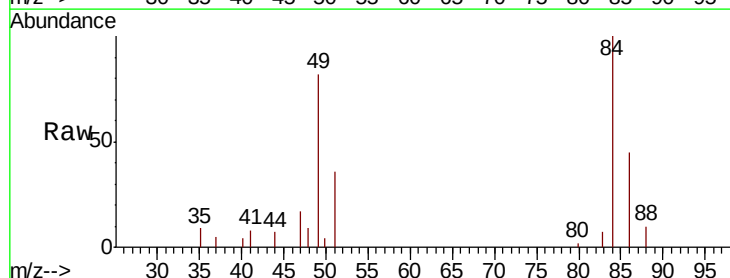
Tgt Ion: 84 Resp: 7728

Ion Ratio Lower Upper

84 100

86 44.7 43.4 80.6

49 82.2 92.3 171.3#



Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

4.72

4000

3000

2000

1000

0

Time--> 4.65 4.70 4.75 4.80

