

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016607.D
 Acq On : 22 Sep 2020 13:55
 Operator : SY/VA
 Sample : L4110-03
 Misc : 5.69G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL1

Quant Time: Sep 23 07:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	728089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	635170	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	308123	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	190517	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
7) Chloroethane-d5	2.91	69	161944	28.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.56%
10) 1,1-Dichloroethene-d2	4.03	63	300046	19.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.16%
20) 2-Butanone-d5	7.09	46	68876	35.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.70%
24) Chloroform-d	7.65	84	400910	26.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	8.31	65	194613	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	8.28	84	794741	27.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.60%
33) 1,2-Dichloropropane-d6	9.28	67	214777	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.28%
37) Toluene-d8	10.33	98	776806	27.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.88%
38) trans-1,3-Dichloropropene-	10.58	79	91373	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	10.93	63	56696	40.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142155	21.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	261597	26.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.28%

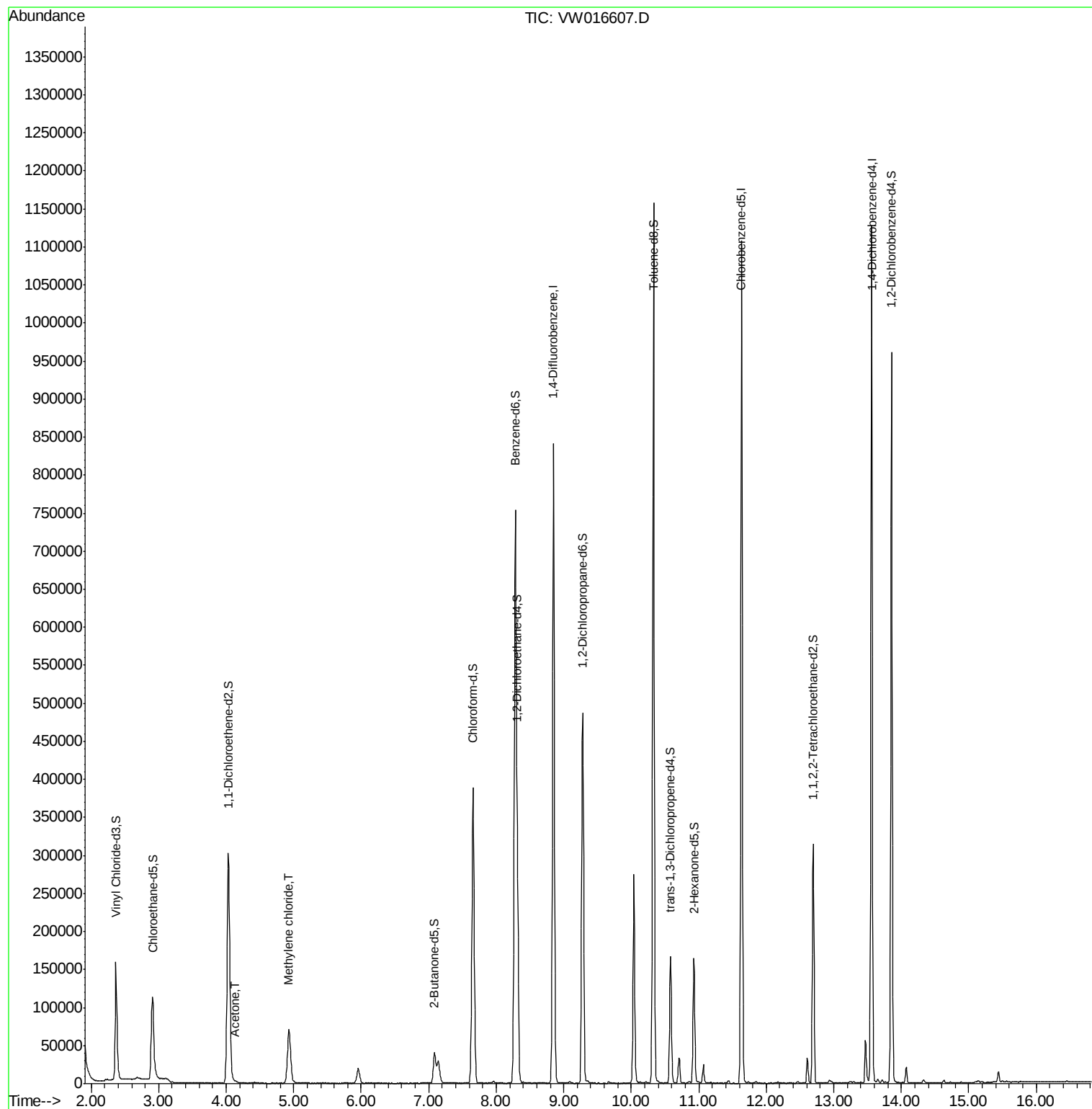
Target Compounds					Ovalue
13) Acetone	4.14	43	3513	2.334 ug/L	94
16) Methylene chloride	4.93	84	61062	5.438 ug/L	97

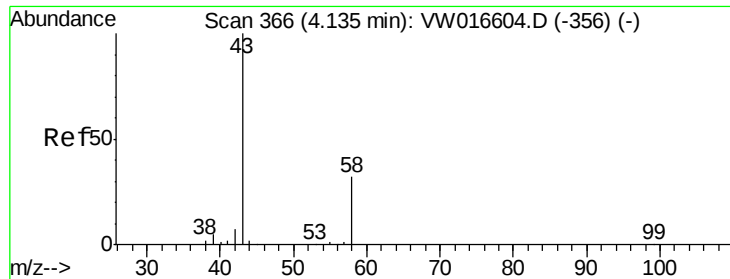
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.334 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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Acq: 22 Sep 2020 13:55

Instrument :

MSVOA_W

ClientSampled :

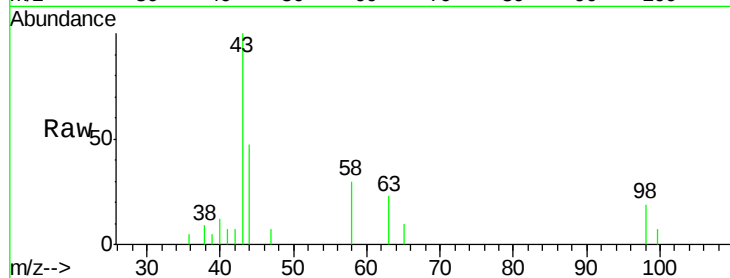
COAL1

Tot Ion: 43 Resp: 3513

Ion Ratio Lower Upper

43 100

58 26.9 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

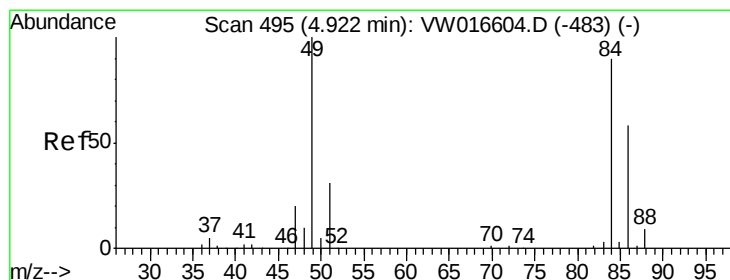
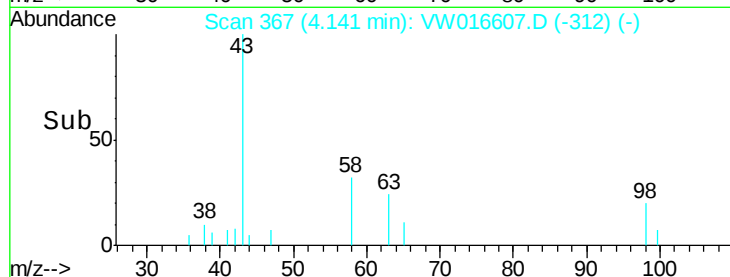
4.14

1000

500

0

Time--> 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 5.438 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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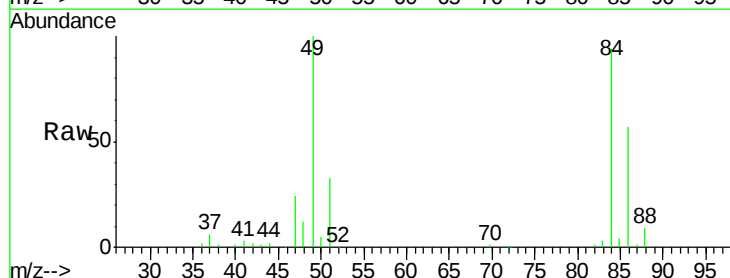
Tgt Ion: 84 Resp: 61062

Ion Ratio Lower Upper

84 100

49 106.6 76.0 141.2

86 61.1 45.6 84.6



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.93

25000

20000

15000

10000

5000

0

Time--> 4.80 4.90 5.00 5.10

