

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016606.D
 Acq On : 22 Sep 2020 13:31
 Operator : SY/VA
 Sample : L4110-02
 Misc : 3.60G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL0

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 3:15:53 PM

Quant Time: Sep 23 07:49:58 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	665709	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	547134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224262	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	176078	27.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.32%
7) Chloroethane-d5	2.91	69	147563	28.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.20%
10) 1,1-Dichloroethene-d2	4.03	63	271043	18.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.24%
20) 2-Butanone-d5	7.09	46	55080	31.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.70%
24) Chloroform-d	7.65	84	345100	24.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	8.31	65	164046	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.28	84	685614	27.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.76%
33) 1,2-Dichloropropane-d6	9.28	67	181770	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.36%
37) Toluene-d8	10.33	98	654064	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.36%
38) trans-1,3-Dichloropropene-	10.58	79	74894	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.36%
39) 2-Hexanone-d5	10.93	63	44915	37.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112150	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	182569	25.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.92%

Target Compounds					Ovalue
13) Acetone	4.15	43	3488m	2.535 ug/L	
16) Methylene chloride	4.93	84	56055	5.460 ug/L	96

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

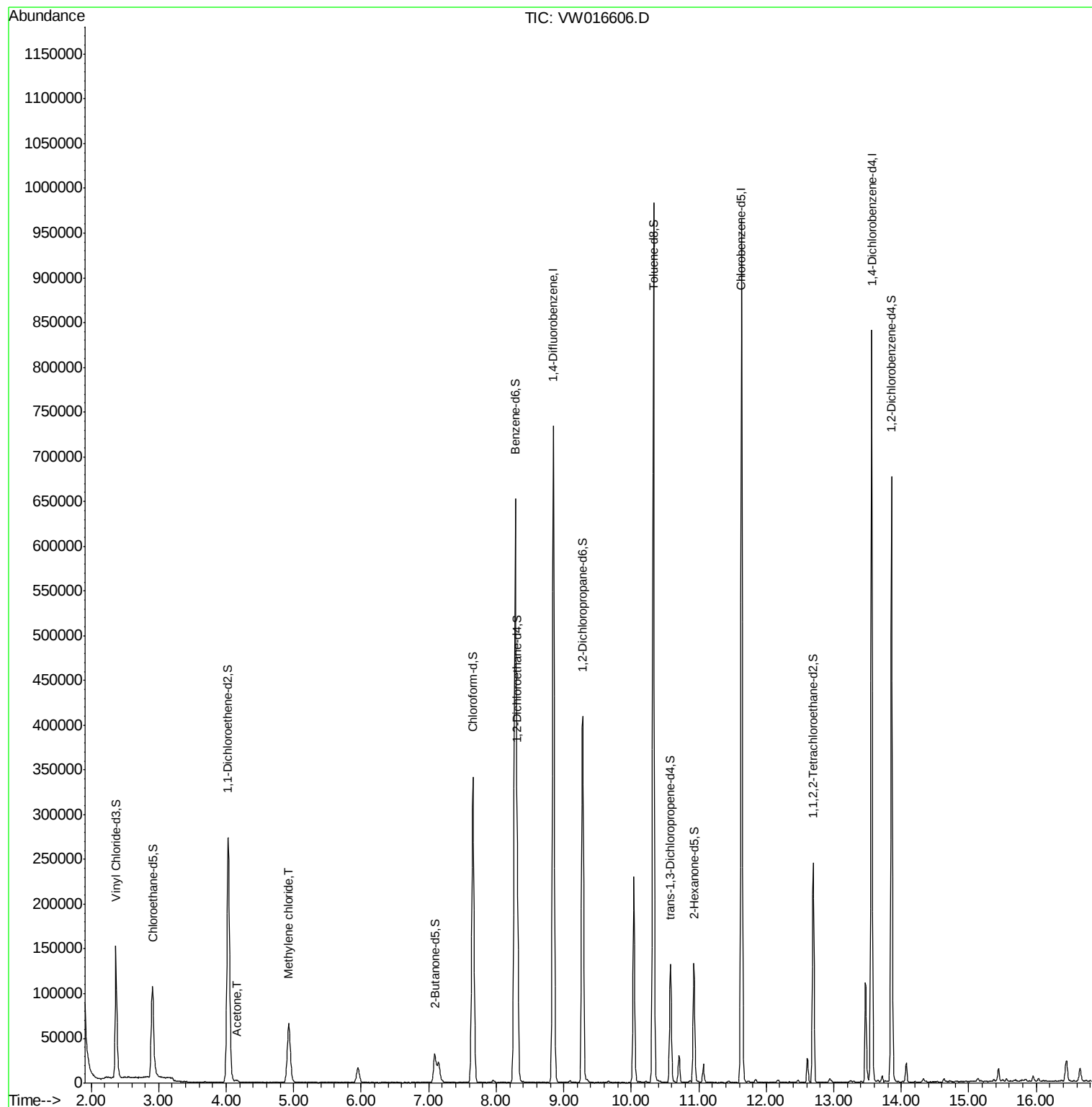
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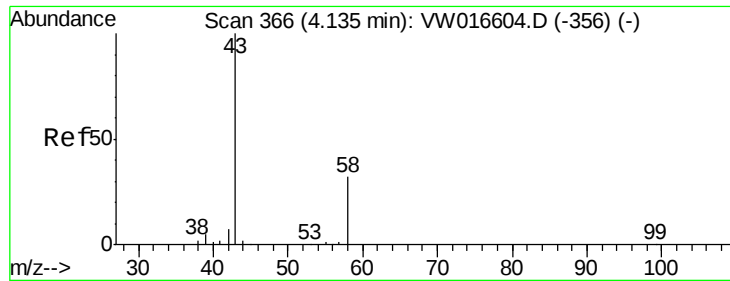
Instrument :
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ClientSampleId :
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#13

Acetone

Concen: 2.535 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016606.D

Acq: 22 Sep 2020 13:31

Tot Ion: 43 Resp: 3488

Ion Ratio Lower Upper

43 100

58 12.8 0.0 60.2

Instrument :

MSVOA_W

ClientSampled :

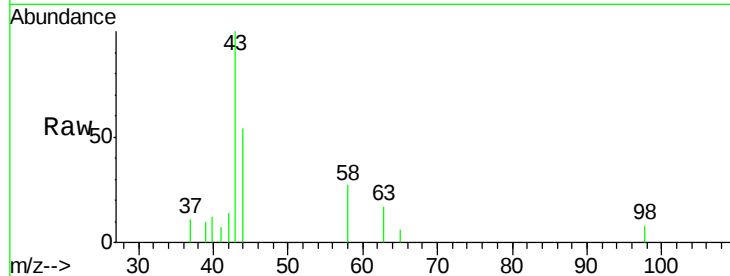
COAL0

Manual Integrations

APPROVED

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9/28/2020 3:15:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1200

1000

800

600

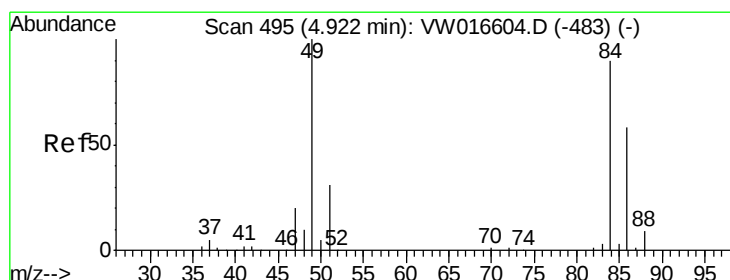
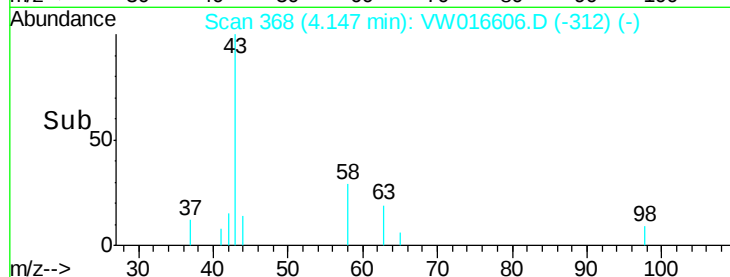
400

200

0

Time-->

4.05 4.10 4.15 4.20 4.25



#16

Methylene chloride

Concen: 5.460 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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Acq: 22 Sep 2020 13:31

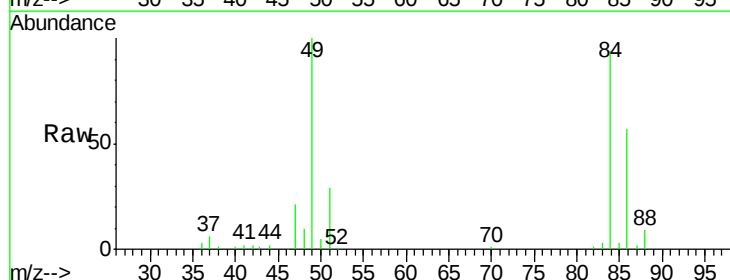
Tgt Ion: 84 Resp: 56055

Ion Ratio Lower Upper

84 100

49 106.0 76.0 141.2

86 60.7 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

25000

20000

15000

10000

5000

0

Time-->

4.80 4.90 5.00

