

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016566.D
 Acq On : 15 Sep 2020 20:22
 Operator : SY/VA
 Sample : L4024-04
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3J2

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:46:08 AM

Quant Time: Sep 16 05:07:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 04:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	723030	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	614778	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	291599	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	160901	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
7) Chloroethane-d5	2.90	69	129205	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	4.03	63	259373	16.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.32%
20) 2-Butanone-d5	7.09	46	58917	30.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.76%
24) Chloroform-d	7.65	84	335776	22.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	8.31	65	163670	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	8.28	84	672201	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	9.28	67	180798	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.33	98	649165	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	10.59	79	76488	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	10.93	63	46048	33.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117551	18.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	217256	23.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.28%

Target Compounds					Ovalue
13) Acetone	4.14	43	3649m	2.441 ug/L	
16) Methylene chloride	4.93	84	14195	1.273 ug/L	95

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

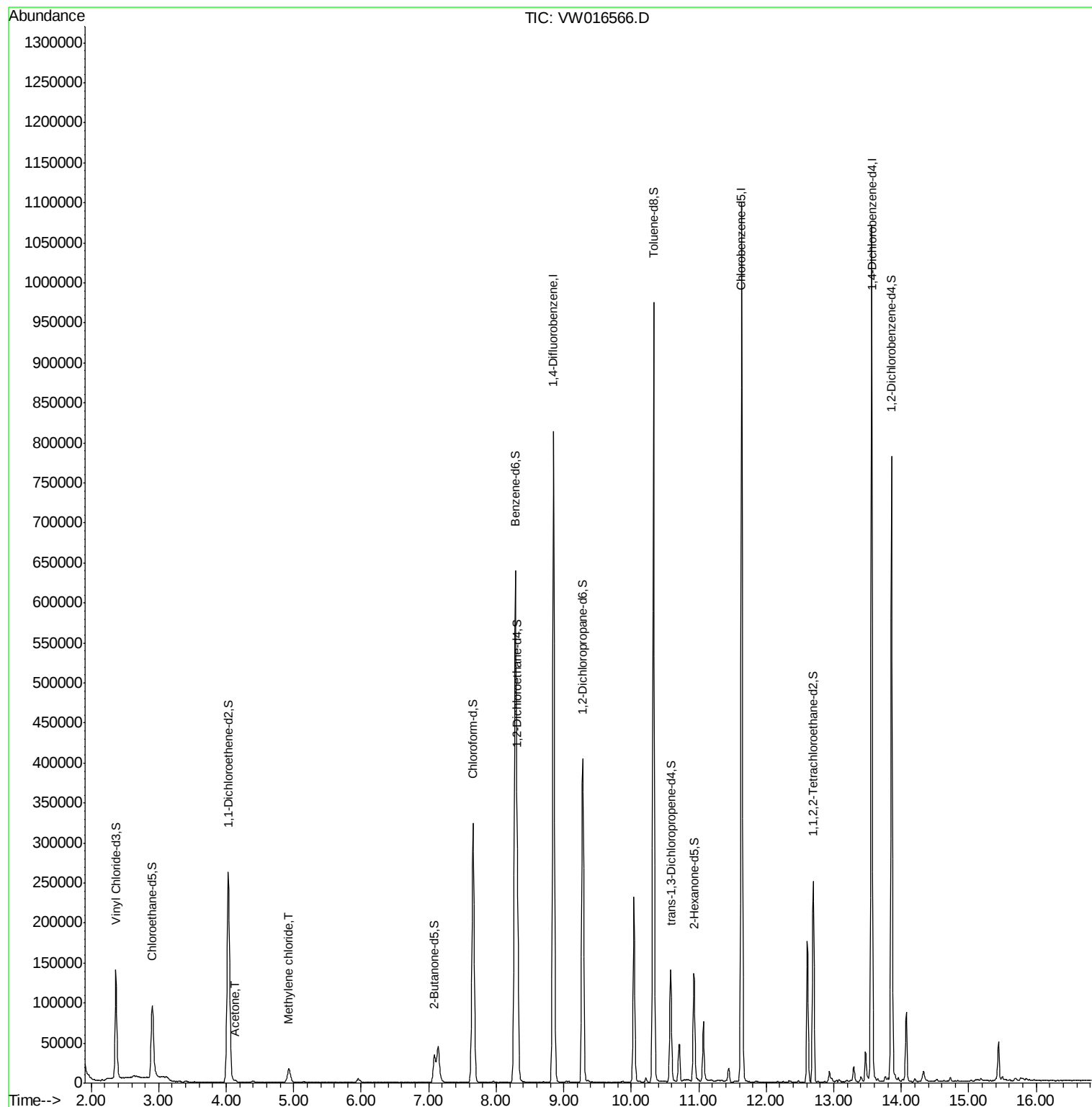
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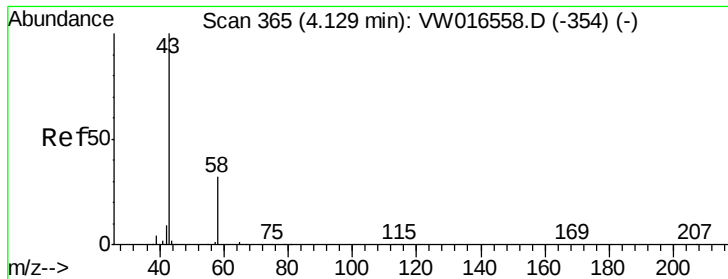
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#13

Acetone

Concen: 2.441 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016566.D

Acq: 15 Sep 2020 20:22

Instrument :

MSVOA_W

ClientSampled :

BG3J2

Tot Ion: 43 Resp: 3649

Ion Ratio Lower Upper

43 100

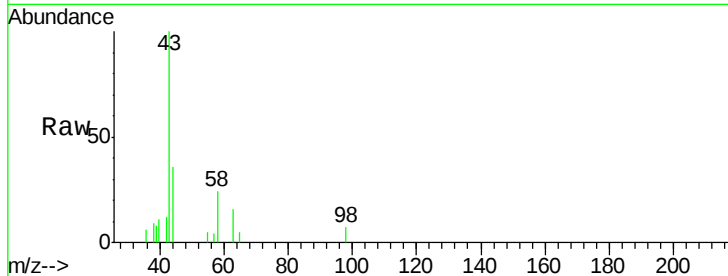
58 11.8 0.0 60.2

Manual Integrations

APPROVED

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9/16/2020 11:46:08 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

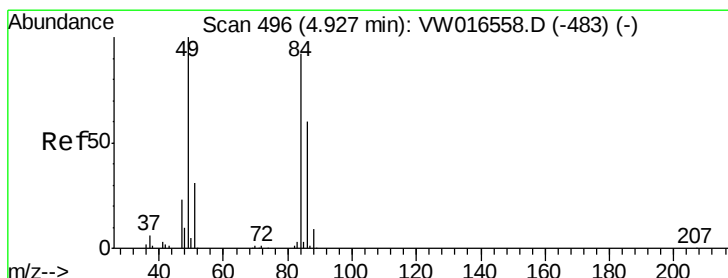
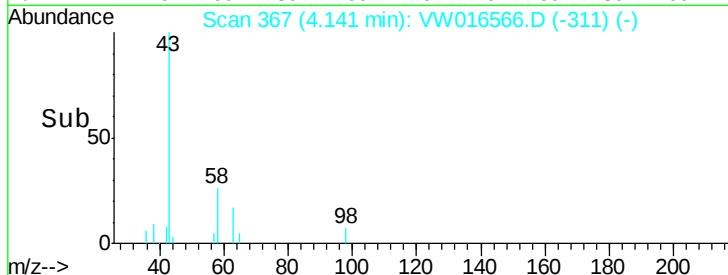
1000

500

0

4.10 4.20

Time-->



#16

Methylene chloride

Concen: 1.273 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

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Acq: 15 Sep 2020 20:22

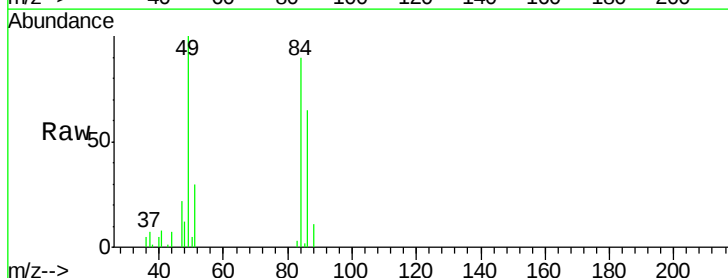
Tgt Ion: 84 Resp: 14195

Ion Ratio Lower Upper

84 100

49 110.8 76.0 141.2

86 72.5 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

6000

4000

2000

0

4.80 4.90 5.00

Time-->

