

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016721.D
 Acq On : 30 Sep 2020 18:50
 Operator : SY/VA
 Sample : L4201-09
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL3

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 4:10:33 PM

Quant Time: Oct 01 06:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	667507	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	569244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228900	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	102337	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.36%
7) Chloroethane-d5	2.90	69	96247	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
10) 1,1-Dichloroethene-d2	4.03	63	184018m	12.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.96%
20) 2-Butanone-d5	7.09	46	68079	38.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.30%
24) Chloroform-d	7.65	84	311899	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	168068	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.80%
29) Benzene-d6	8.28	84	578042	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.28	67	167728	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.33	98	530242	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.59	79	66941	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.76%
39) 2-Hexanone-d5	10.93	63	56850	45.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141906	24.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	178659	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds					Ovalue
13) Acetone	4.15	43	2270m	1.645 ug/L	
16) Methylene chloride	4.93	84	14854	1.443 ug/L	90

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

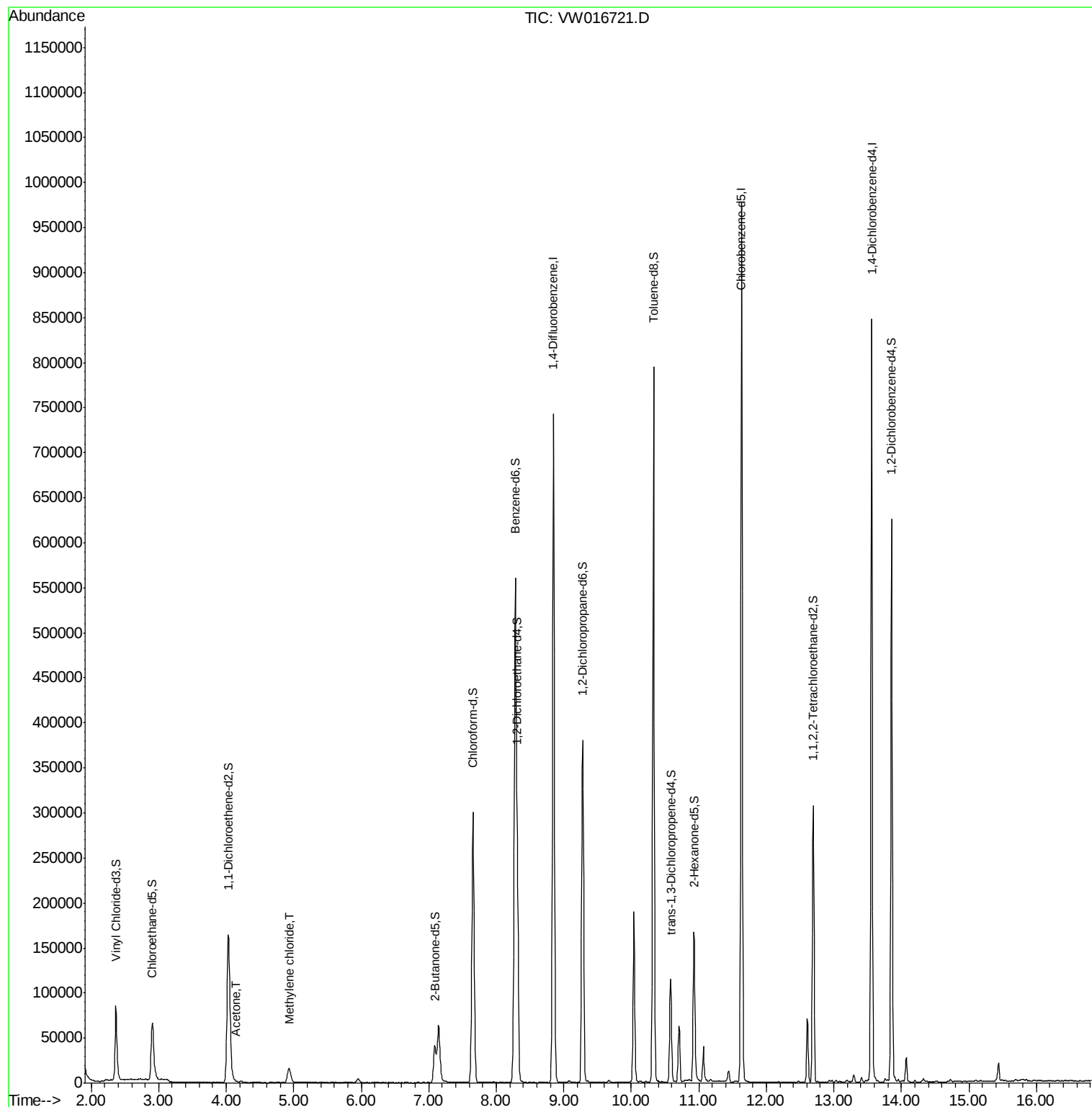
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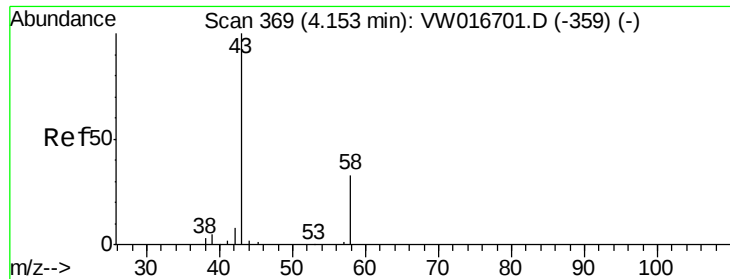
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#13

Acetone

Concen: 1.645 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016721.D

Acq: 30 Sep 2020 18:50

Tot Ion: 43 Resp: 2270

Ion Ratio Lower Upper

43 100

58 16.3 0.0 60.2

Instrument :

MSVOA_W

ClientSampled :

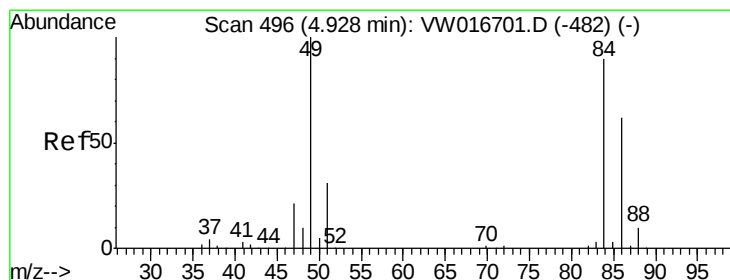
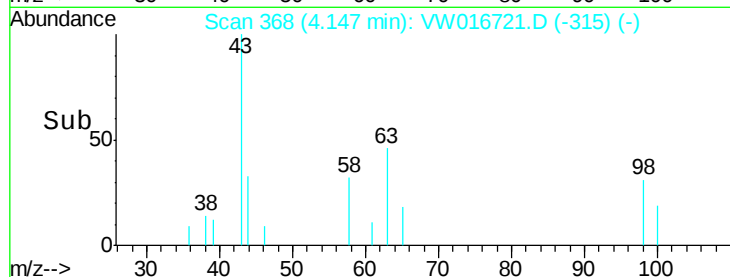
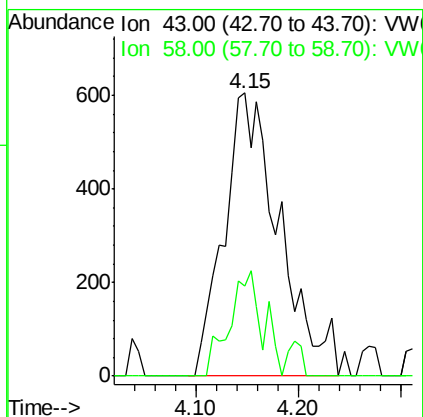
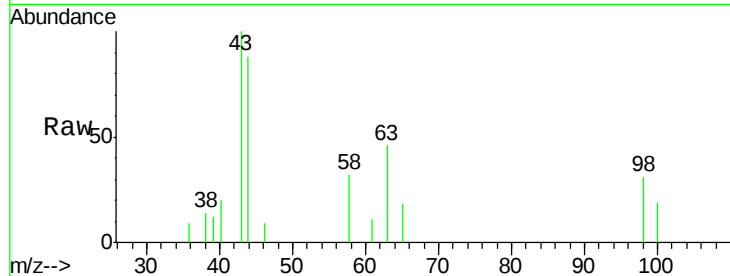
C0AL3

Manual Integrations

APPROVED

MMDadoda

10/5/2020 4:10:33 PM



#16

Methylene chloride

Concen: 1.443 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016721.D

Acq: 30 Sep 2020 18:50

Tgt Ion: 84 Resp: 14854

Ion Ratio Lower Upper

84 100

49 94.9 76.0 141.2

86 60.9 45.6 84.6

