

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
 Data File : VW017021.D
 Acq On : 29 Oct 2020 11:07
 Operator : SY/VA
 Sample : VW1029SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK08

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:31:00 AM

Quant Time: Oct 30 00:28:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432307	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200864	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110331	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
7) Chloroethane-d5	2.89	69	92394	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.02	63	167070	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	7.08	46	58455	56.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.60%
24) Chloroform-d	7.65	84	256564	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.30	65	127971	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	523855	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	9.27	67	147005	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.12%
37) Toluene-d8	10.33	98	494741	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.64%
38) trans-1,3-Dichloropropene-	10.58	79	59716	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	47882	56.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121581	26.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	182082	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds				Ovalue
16) Methylene chloride	4.92	84	8332m	1.331 ug/L
43) 4-Methyl-2-pentanone	10.21	43	2266	0.896 ug/L # 87

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

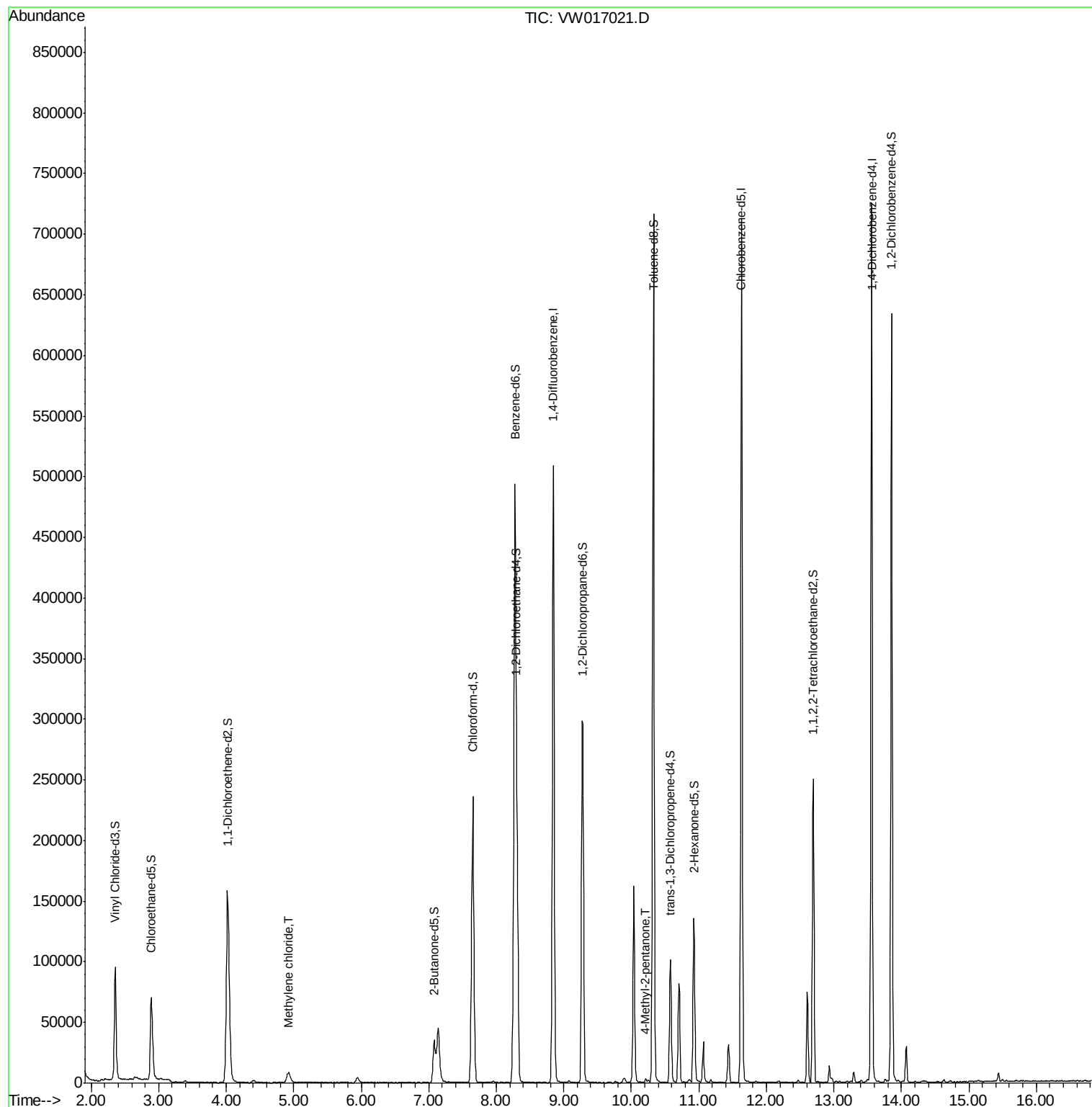
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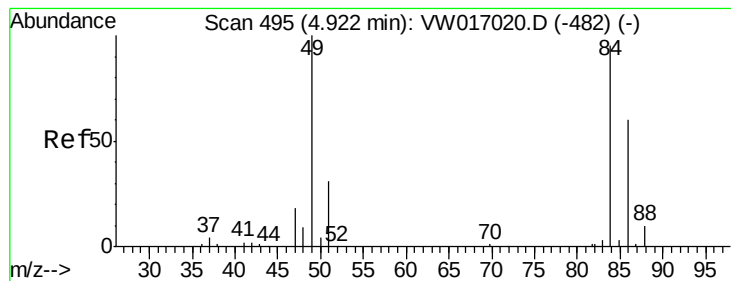
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#16

Methylene chloride

Concen: 1.331 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017021.D

Acq: 29 Oct 2020 11:07

Instrument :

MSVOA_W

ClientSampled :

VBLK08

Tot Ion: 84 Resp: 8332

Ion Ratio Lower Upper

84 100

49 91.3 73.8 137.0

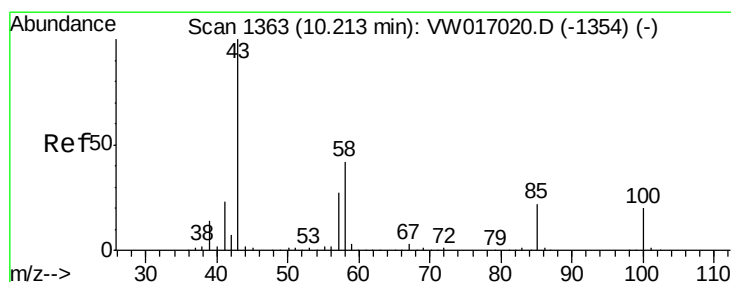
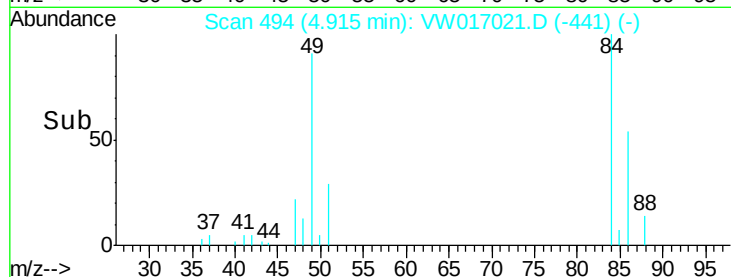
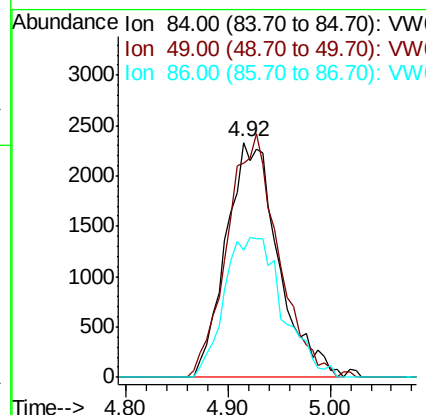
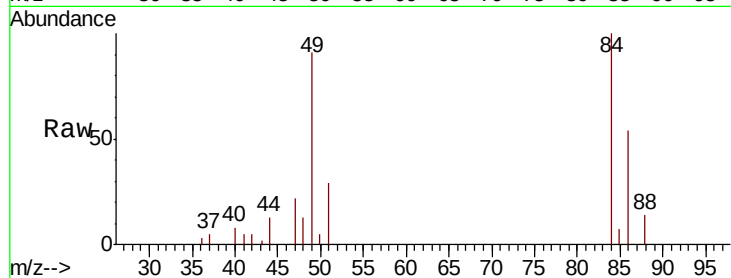
86 53.9 47.4 88.0

Manual Integrations

APPROVED

MMDadoda

11/4/2020 11:31:00 AM



#43

4-Methyl-2-pentanone

Concen: 0.896 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017021.D

Acq: 29 Oct 2020 11:07

Tgt Ion: 43 Resp: 2266

Ion Ratio Lower Upper

43 100

58 47.1 34.4 51.6

100 7.8 16.2 24.2#

