

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015948.D
 Acq On : 24 Jul 2020 14:25
 Operator : SY/VA
 Sample : L3419-15
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:17:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	459039	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407719	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165960	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138896	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.76%
7) Chloroethane-d5	2.90	69	112568	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
10) 1,1-Dichloroethene-d2	4.01	63	209153	15.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.88%
20) 2-Butanone-d5	7.09	46	57070	33.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.08%
24) Chloroform-d	7.65	84	266505	20.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.68%
26) 1,2-Dichloroethane-d4	8.31	65	141074	19.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.72%
29) Benzene-d6	8.28	84	555615	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	9.27	67	164400	22.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.40%
37) Toluene-d8	10.33	98	471112	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	10.58	79	58227	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.44%
39) 2-Hexanone-d5	10.93	63	42092	33.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109222	19.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	135955	21.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.04%

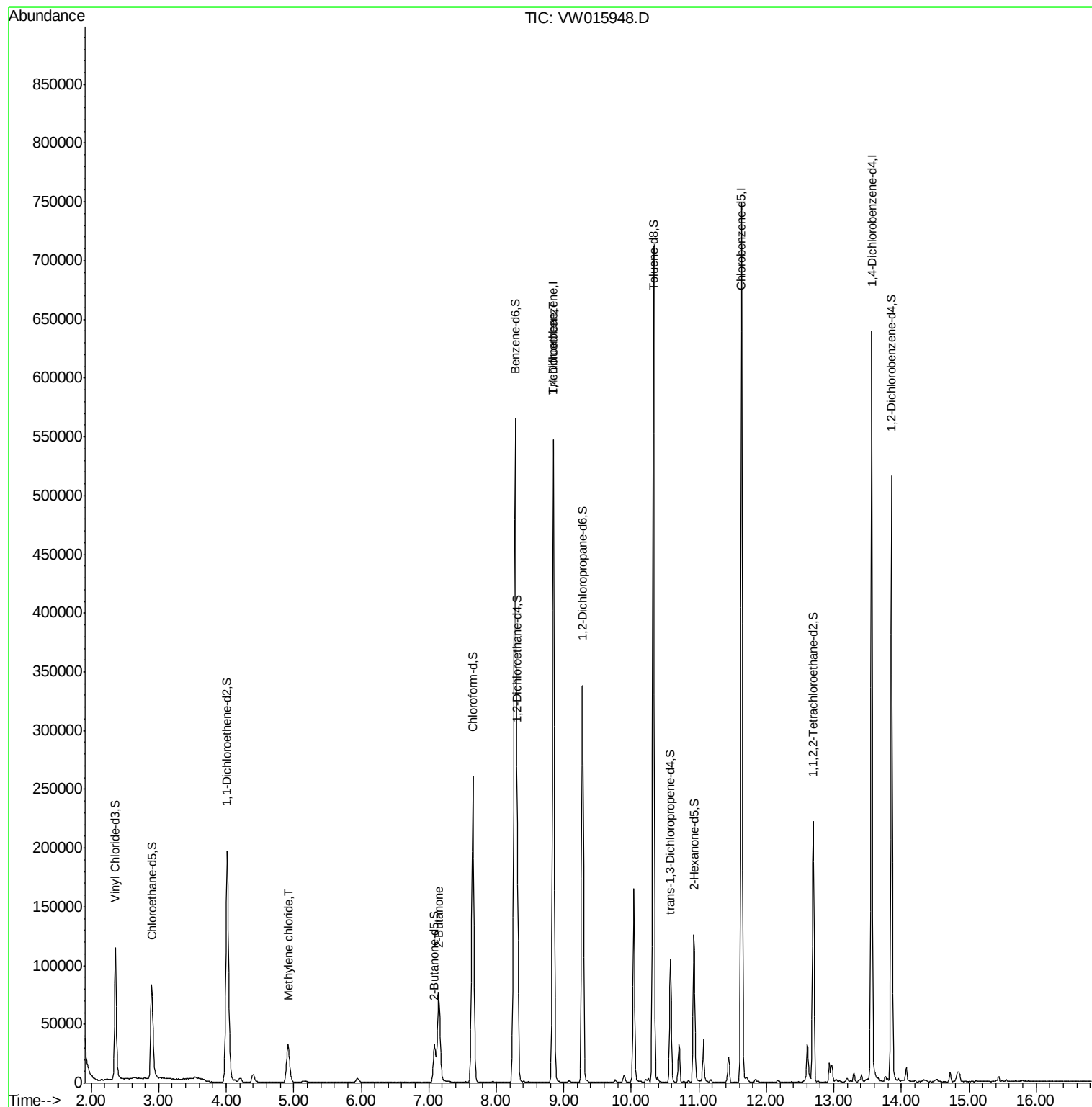
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	24999	3.324 ug/L	96
21) 2-Butanone	7.15	43	6806	3.852 ug/L #	58
35) Trichloroethene	8.85	95	13894	2.121 ug/L #	6

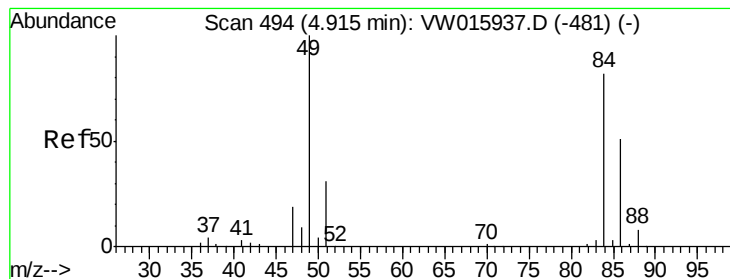
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 25 05:14:30 2020
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#16

Methylene chloride

Concen: 3.324 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015948.D

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Instrument :

MSVOA_W

ClientSampled :

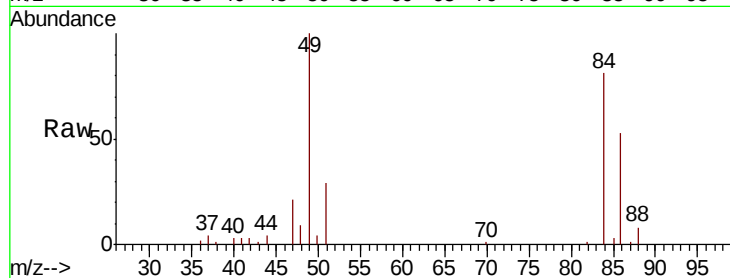
Tot Ion: 84 Resp: 24999

Ion Ratio Lower Upper

84 100

49 123.9 91.1 169.1

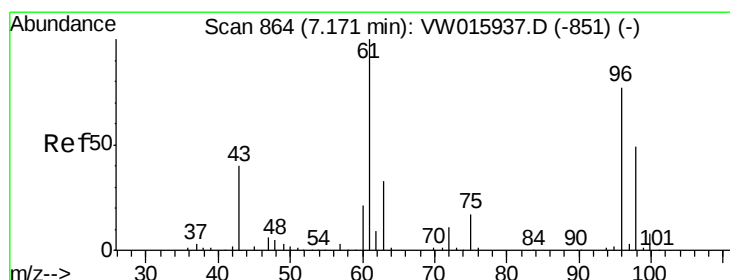
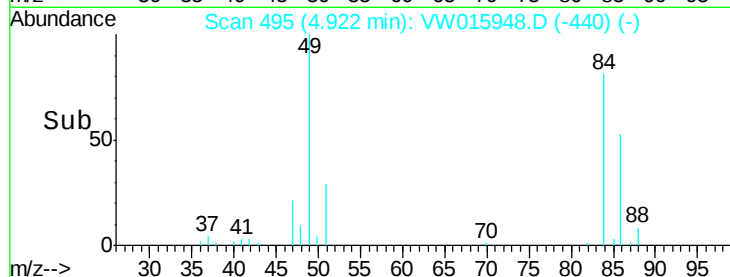
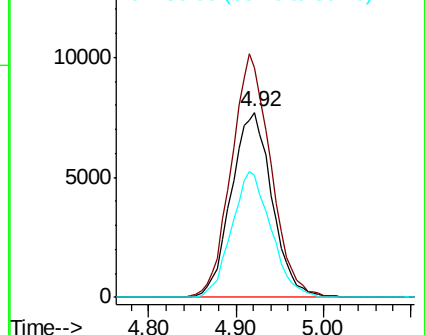
86 65.8 46.0 85.4



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



#21

2-Butanone

Concen: 3.852 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

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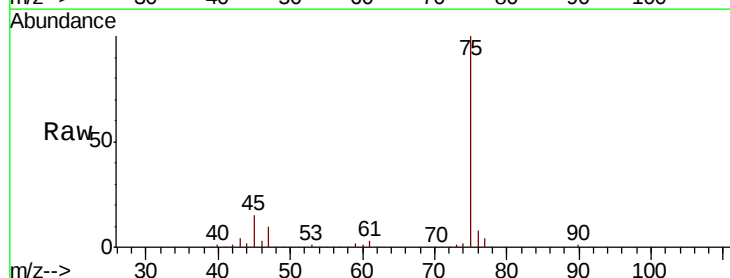
Acq: 24 Jul 2020 14:25

Tgt Ion: 43 Resp: 6806

Ion Ratio Lower Upper

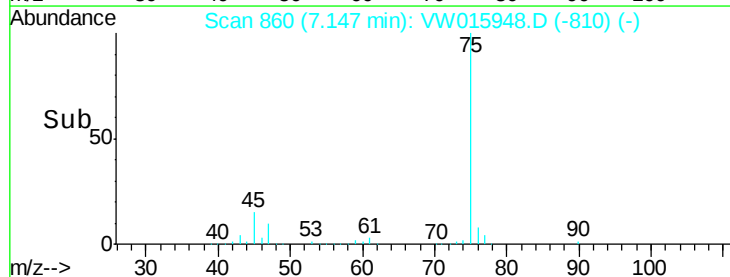
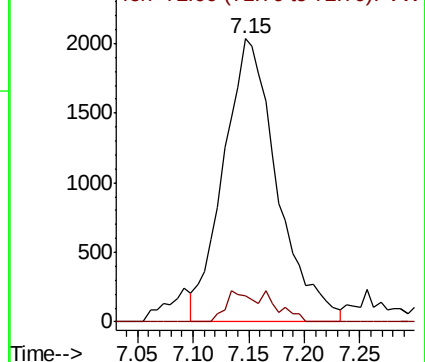
43 100

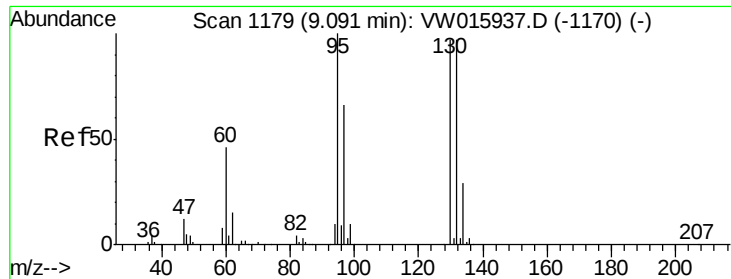
72 5.6 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35
 Trichloroethene
 Concen: 2.121 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
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Tot Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.1	120.9#
130	0.0	68.6	127.4#

