

Data File : VW015576.D
Acq On : 09 Jun 2020 16:44
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Jun 10 03:30:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 12:46:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	321349	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133400	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68631	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.24%
7) Chloroethane-d5	2.90	69	71054	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.01	63	112755	15.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.84%
20) 2-Butanone-d5	7.09	46	42778	44.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.98%
24) Chloroform-d	7.65	84	161867	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	8.31	65	95933	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.27	84	323095	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	97807	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.36%
37) Toluene-d8	10.32	98	307275	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.72%
38) trans-1,3-Dichloropropene-	10.58	79	37897	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	34089	45.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73879	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	102339	22.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.56%

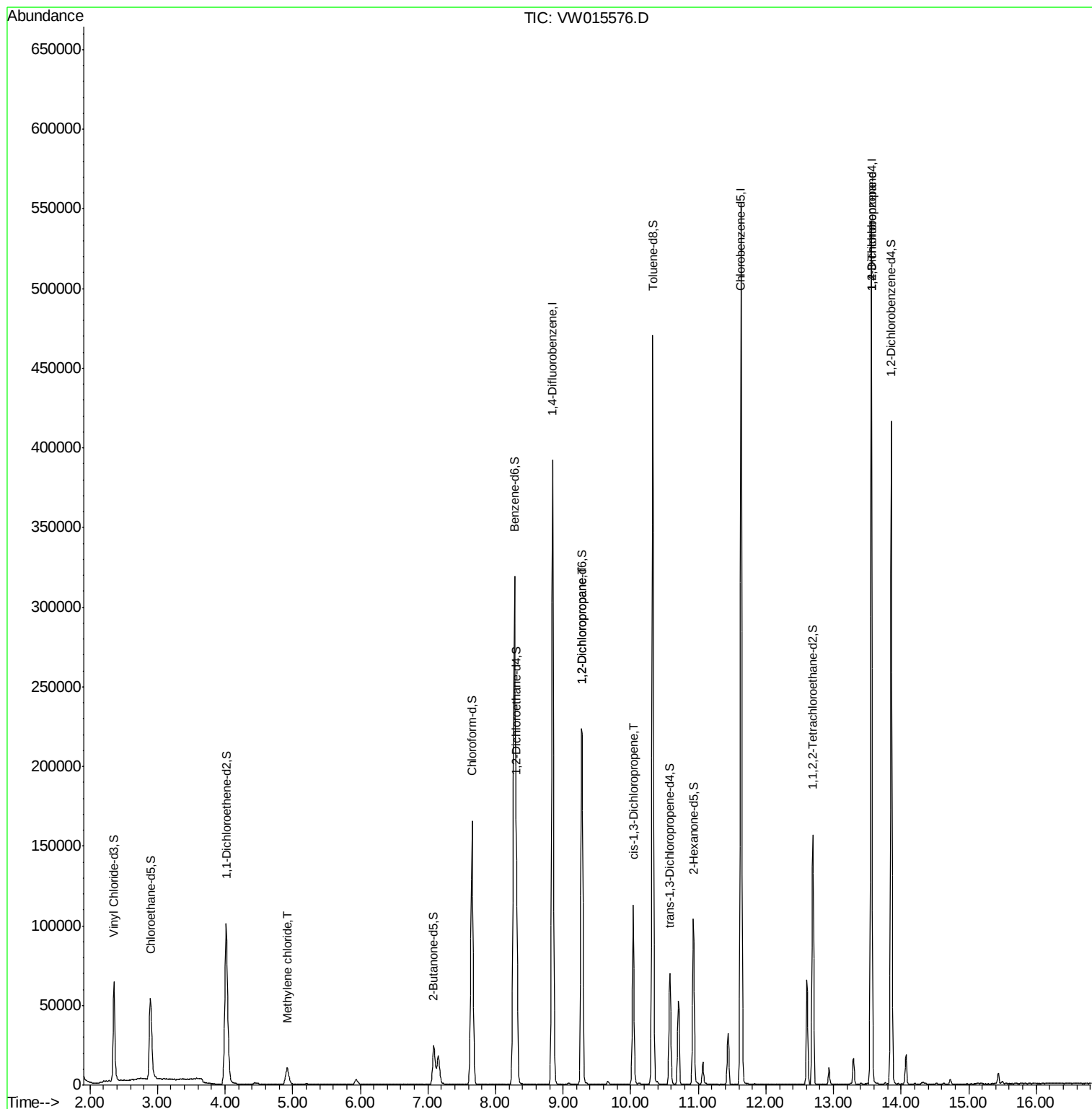
Target Compounds					Qvalue
16) Methylene chloride	4.92	84	8304	2.106 ug/L	97
40) 1,2-Dichloropropane	9.27	63	11836	2.958 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2939	0.459 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	17409	7.085 ug/L	89

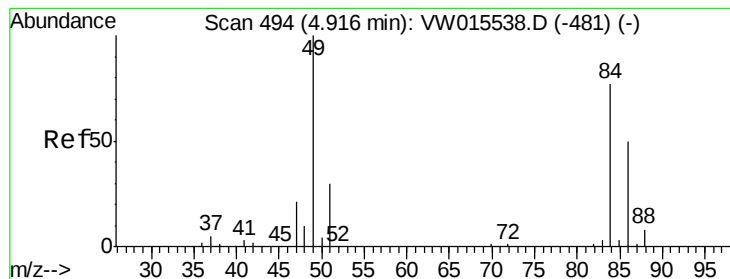
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.106 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

VIBLK

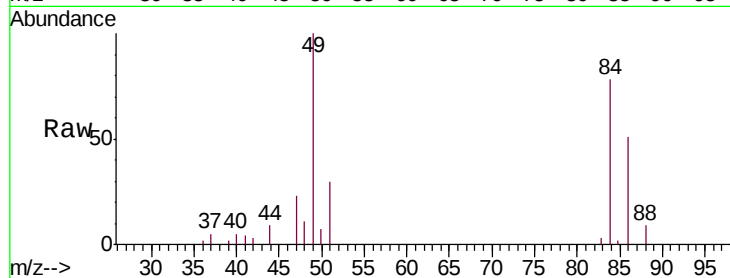
Tgt Ion: 84 Resp: 8304

Ion Ratio Lower Upper

84 100

49 129.0 93.0 172.8

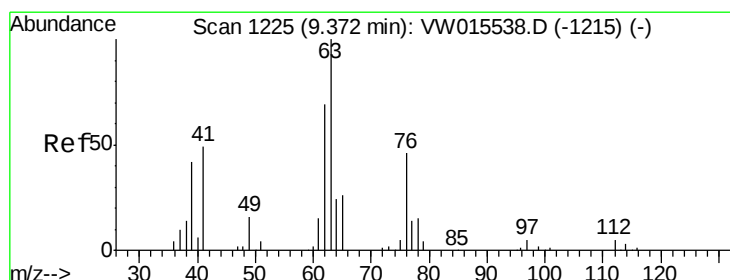
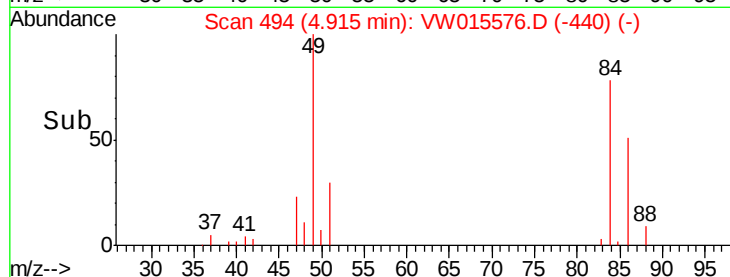
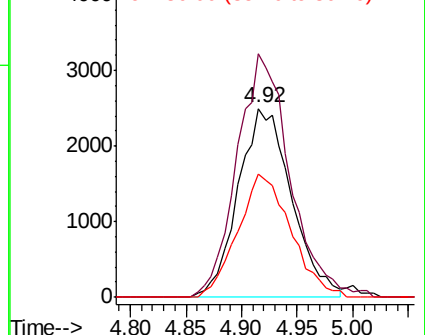
86 65.2 44.7 83.1



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



#40

1,2-Dichloropropane

Concen: 2.958 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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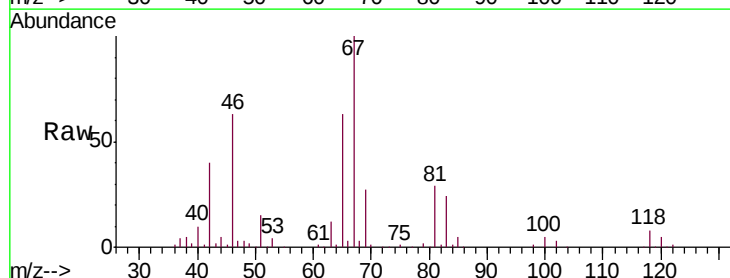
Acq: 09 Jun 2020 16:44

Tgt Ion: 63 Resp: 11836

Ion Ratio Lower Upper

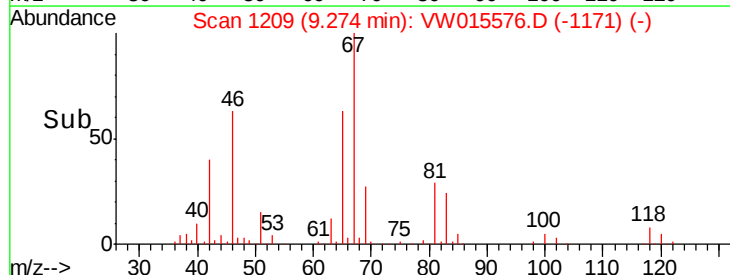
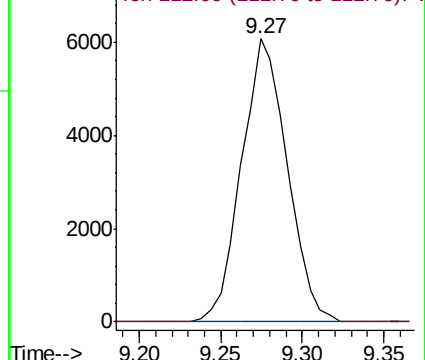
63 100

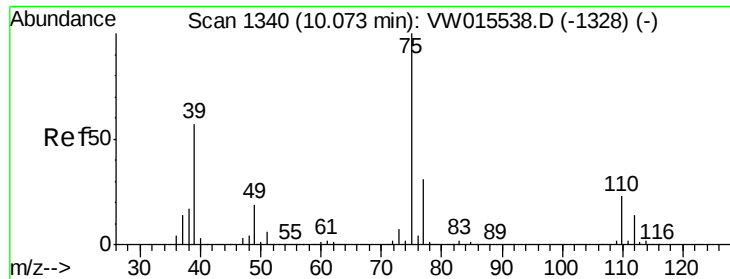
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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Acq: 09 Jun 2020 16:44

Instrument :

MSVOA_W

ClientSampled :

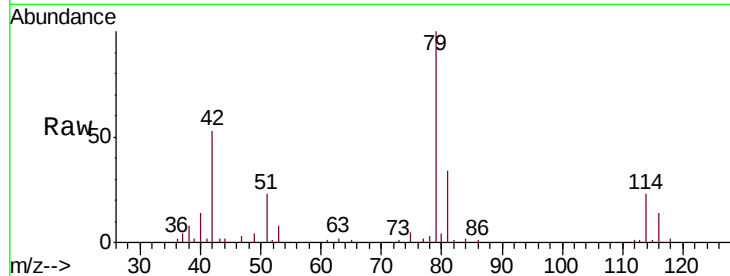
VIBLK

Tgt Ion: 75 Resp: 2939

Ion Ratio Lower Upper

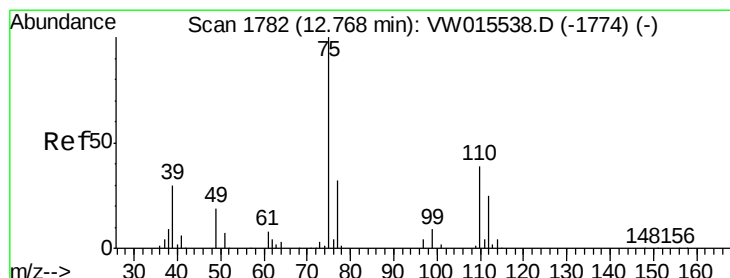
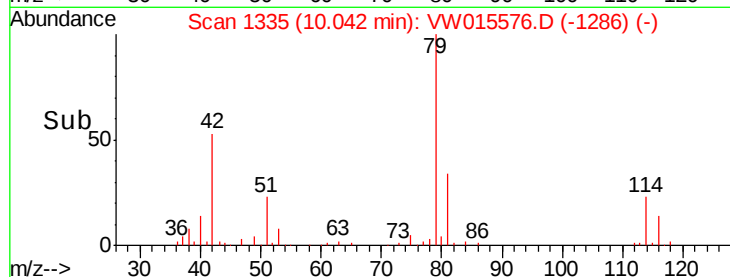
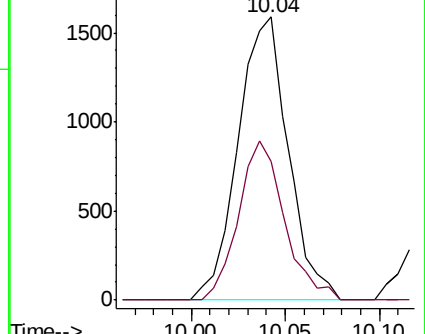
75 100

77 49.1 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 7.085 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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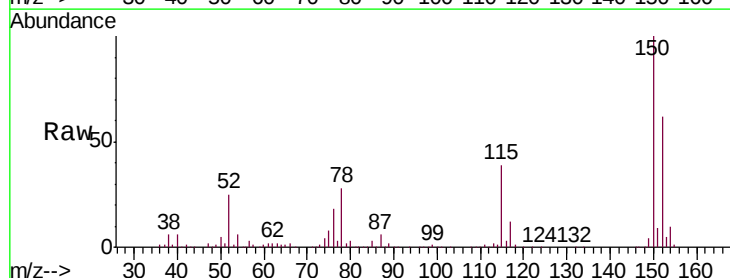
Acq: 09 Jun 2020 16:44

Tgt Ion: 75 Resp: 17409

Ion Ratio Lower Upper

75 100

77 38.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

