

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071420\
 Data File : VW015856.D
 Acq On : 14 Jul 2020 13:40
 Operator : SY/VA
 Sample : L3264-05
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Jul 15 06:39:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 15 06:37:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	301362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293491	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127725	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
7) Chloroethane-d5	2.90	69	129709	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.32%
10) 1,1-Dichloroethene-d2	4.01	63	120495	16.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.68%
20) 2-Butanone-d5	7.09	46	35956	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
24) Chloroform-d	7.65	84	192127	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.31	65	106223	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	8.28	84	396052	24.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.24%
33) 1,2-Dichloropropane-d6	9.28	67	110398	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.33	98	380374	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.40%
38) trans-1,3-Dichloropropene-	10.58	79	42716	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.36%
39) 2-Hexanone-d5	10.93	63	29394	44.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81428	21.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	118212	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

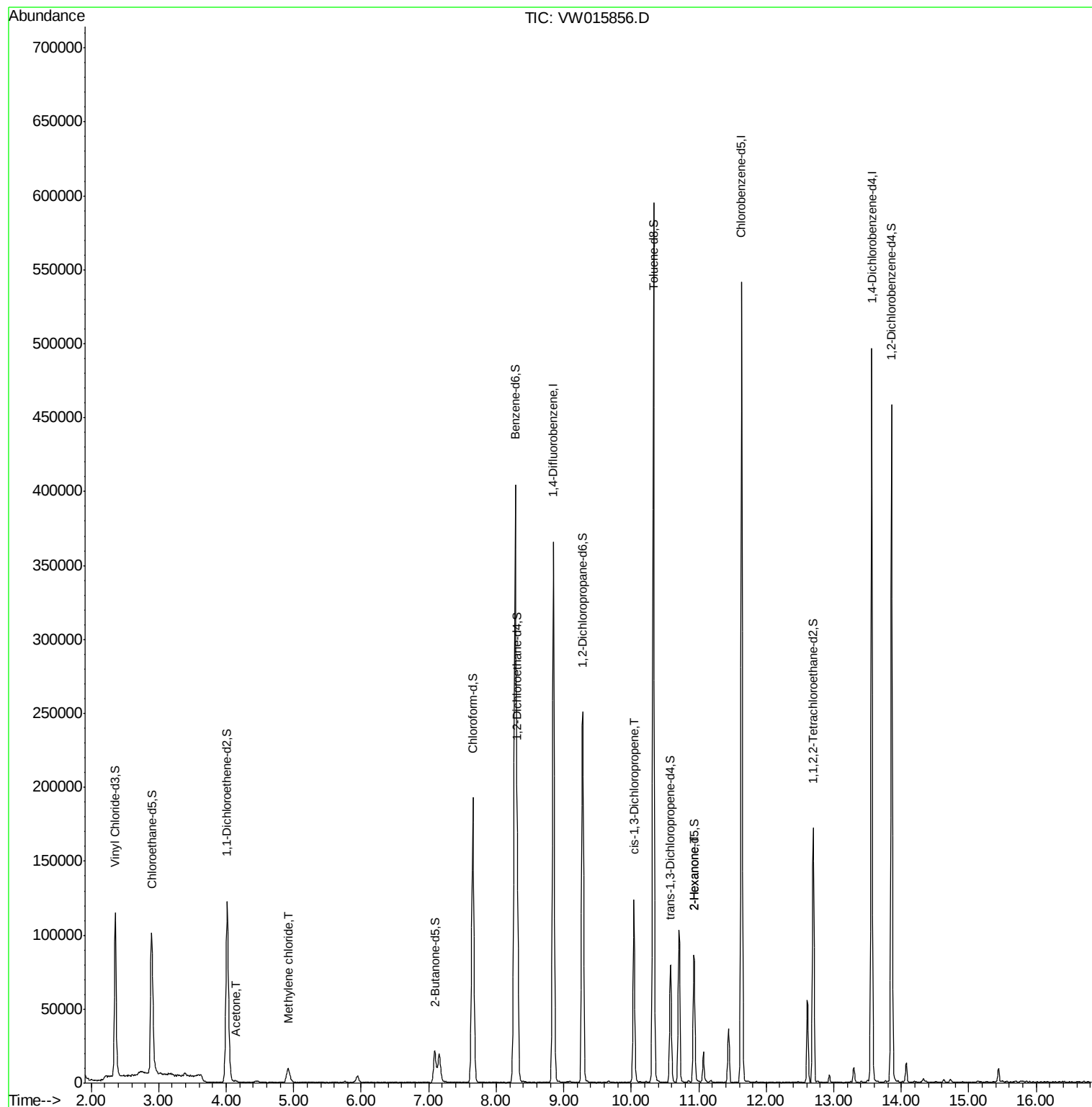
					Ovalue
13) Acetone	4.14	43	1921	3.132 ug/L #	45
16) Methylene chloride	4.92	84	7320	1.833 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	3769	0.646 ug/L #	62
49) 2-Hexanone	10.93	43	3891	3.006 ug/L #	69

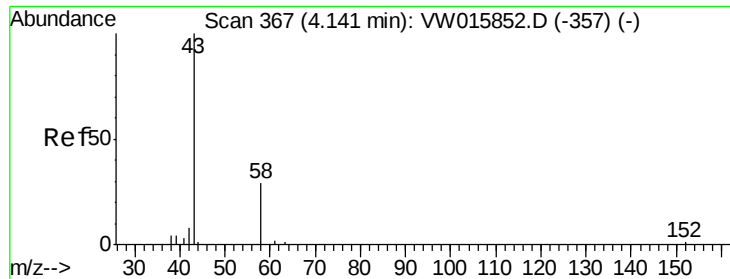
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.132 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW015856.D

Acq: 14 Jul 2020 13:40

Instrument :

MSVOA_W

ClientSampled :

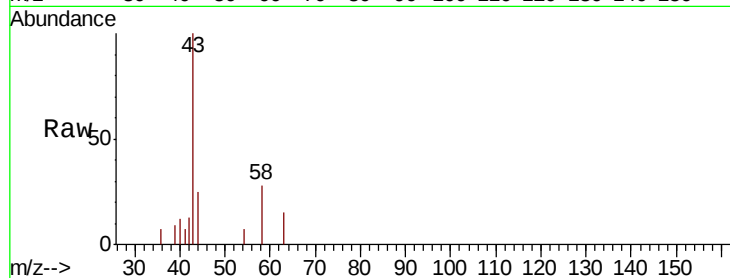
VHBLK02

Tot Ion: 43 Resp: 1921

Ion Ratio Lower Upper

43 100

58 0.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

600

400

200

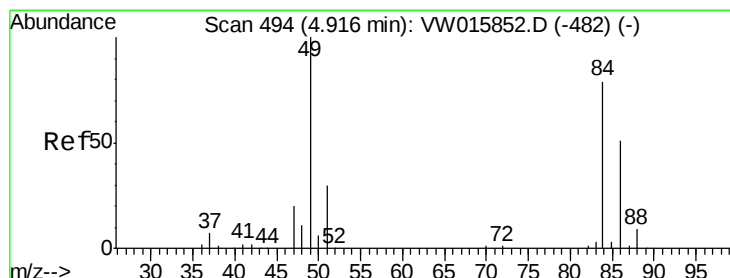
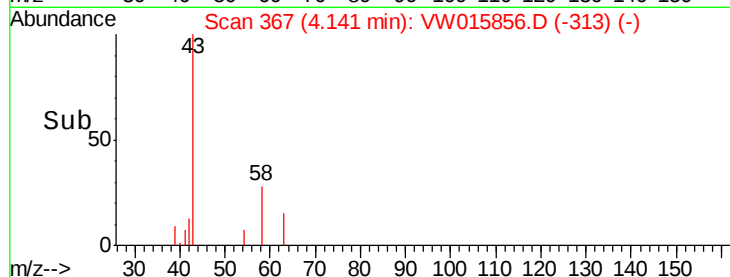
0

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 1.833 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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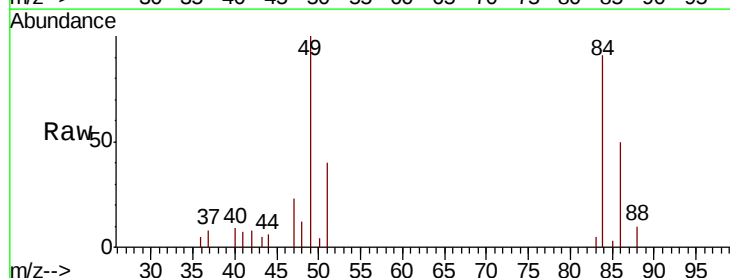
Tgt Ion: 84 Resp: 7320

Ion Ratio Lower Upper

84 100

49 109.6 82.5 153.1

86 54.6 45.4 84.2



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

4.92

3000

2000

1000

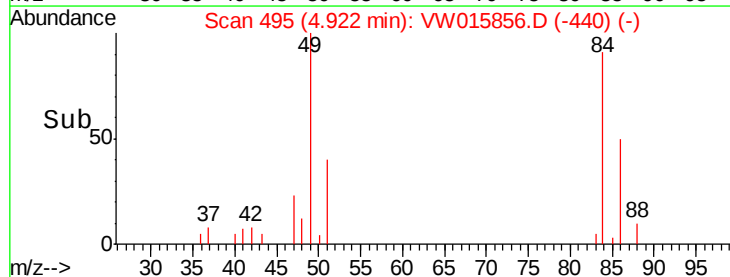
0

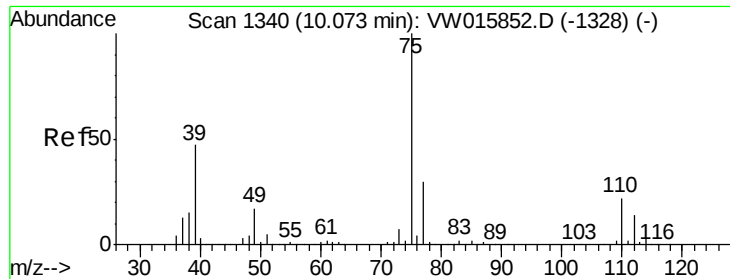
4.80

4.90

5.00

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 14 Jul 2020 13:40

Instrument :

MSVOA_W

ClientSampleId :

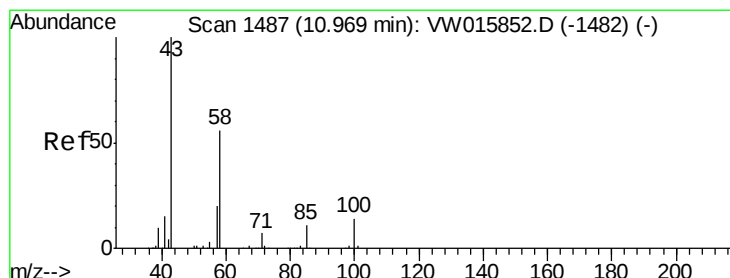
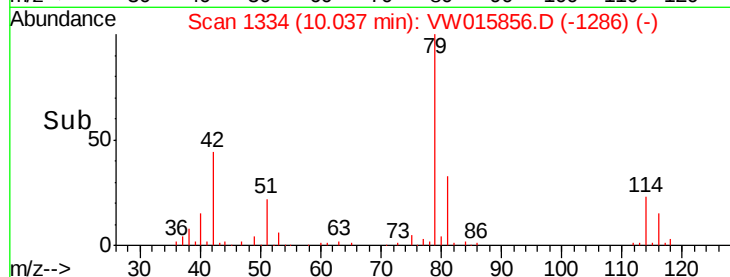
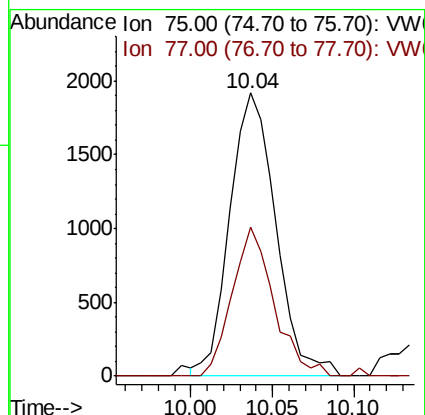
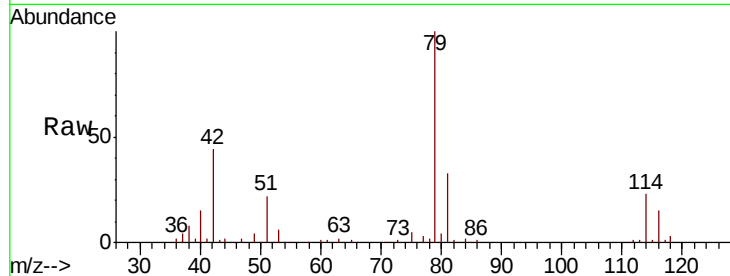
VHBLK02

Tot Ion: 75 Resp: 3769

Ion Ratio Lower Upper

75 100

77 52.8 22.2 41.2#



#49

2-Hexanone

Concen: 3.006 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015856.D

Acq: 14 Jul 2020 13:40

Tgt Ion: 43 Resp: 3891

Ion Ratio Lower Upper

43 100

58 31.9 45.8 68.8#

57 30.2 16.9 25.3#

100 0.5 12.2 18.4#

