

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016801.D
 Acq On : 06 Oct 2020 18:47
 Operator : SY/VA
 Sample : L4201-15
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Oct 07 03:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	595612	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	530970	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250627	25.00	ug/L	0.00

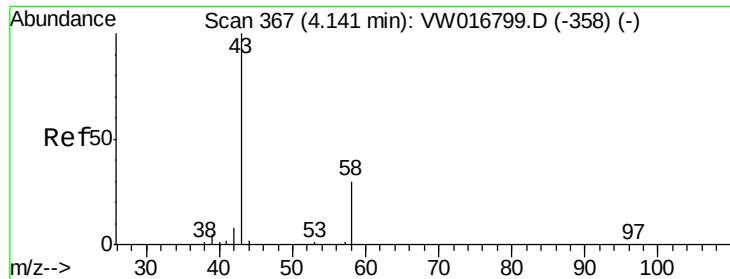
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123090	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	2.90	69	104019	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
10) 1,1-Dichloroethene-d2	4.02	63	187955	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.09	46	52937	39.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.56%
24) Chloroform-d	7.65	84	261946	20.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.36%
26) 1,2-Dichloroethane-d4	8.31	65	131431	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.60%
29) Benzene-d6	8.27	84	533020	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	9.27	67	143559	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.60%
37) Toluene-d8	10.32	98	503556	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.52%
38) trans-1,3-Dichloropropene-	10.58	79	59477	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	10.93	63	40997	40.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107484	20.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	182047	22.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.60%

Target Compounds

					Ovalue
13) Acetone	4.14	43	1962	1.948 ug/L	88
16) Methylene chloride	4.92	84	6422	0.781 ug/L	86
35) Trichloroethene	8.85	95	16743	2.076 ug/L #	2
36) Methylcyclohexane	9.28	83	37938	2.798 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4809	0.468 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	2800	0.324 ug/L #	76

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



#13

Acetone

Concen: 1.948 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

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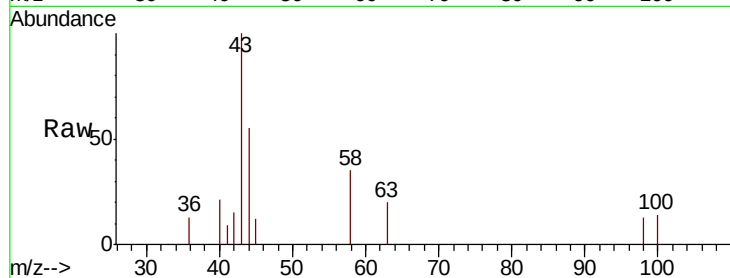
VHBLK01

Tot Ion: 43 Resp: 1962

Ion Ratio Lower Upper

43 100

58 26.8 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

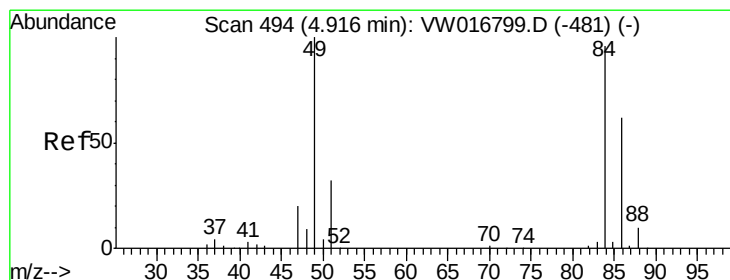
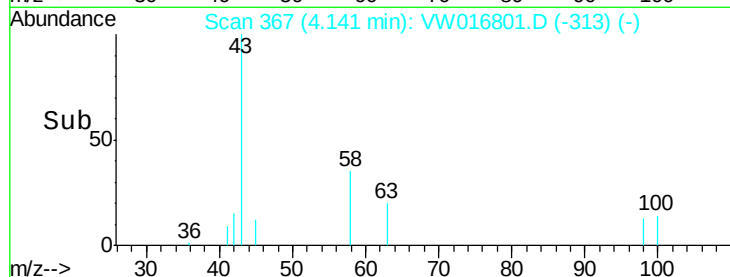
400

200

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 0.781 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Acq: 06 Oct 2020 18:47

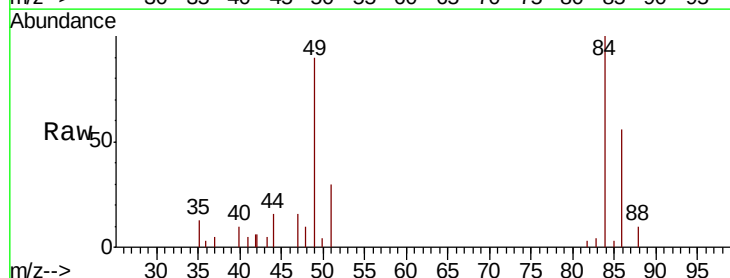
Tgt Ion: 84 Resp: 6422

Ion Ratio Lower Upper

84 100

49 90.1 73.1 135.8

86 55.5 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

4.92

2500

2000

1500

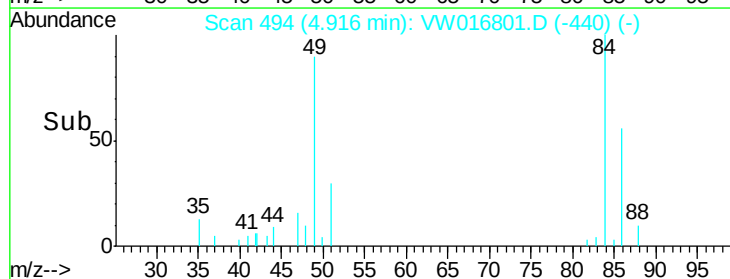
1000

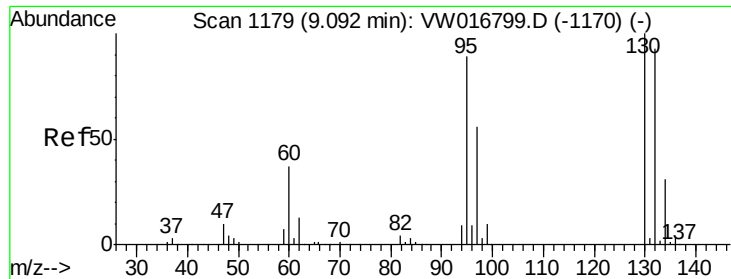
500

0

Time-->

4.85 4.90 4.95 5.00





#35

Trichloroethene

Concen: 2.076 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 95 Resp: 16743

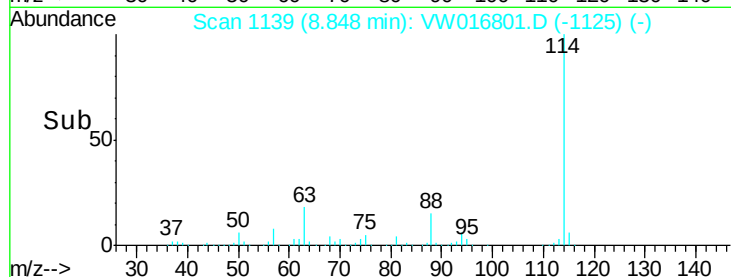
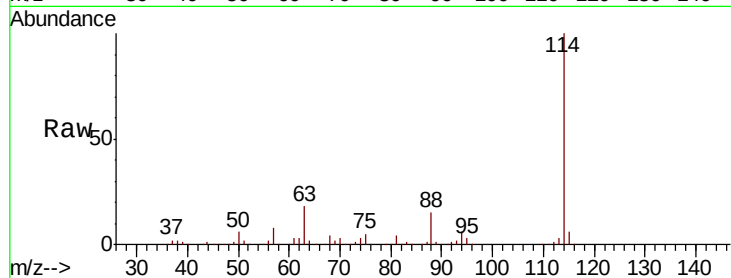
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#

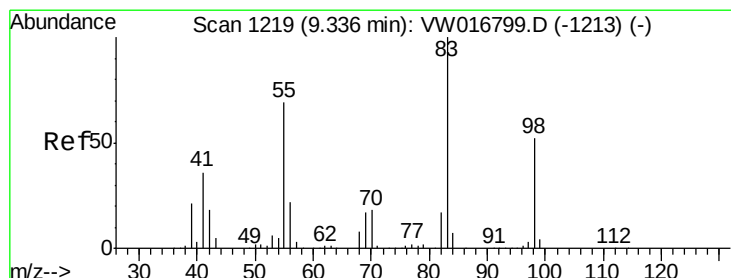
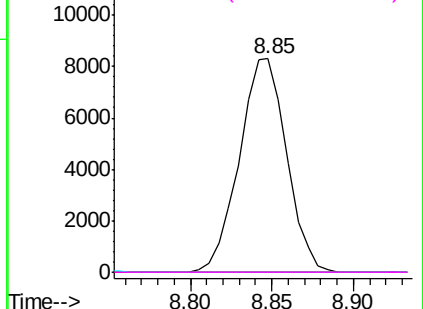


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 2.798 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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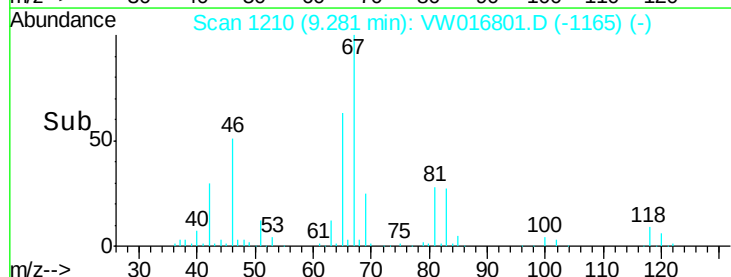
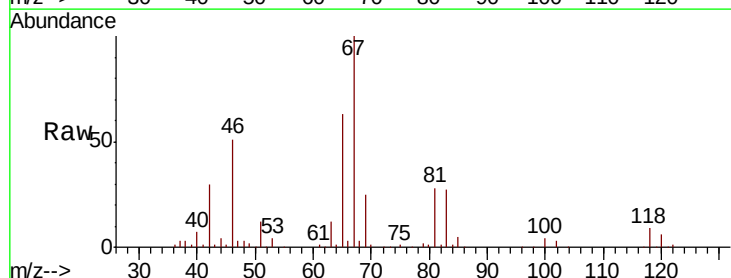
Tgt Ion: 83 Resp: 37938

Ion Ratio Lower Upper

83 100

55 0.6 54.2 81.4#

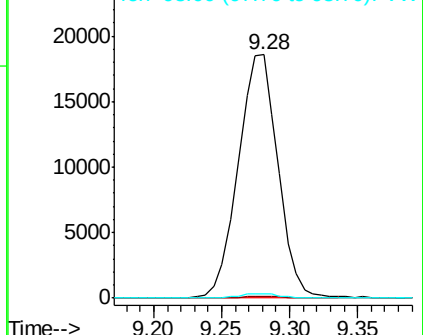
98 1.2 41.4 62.2#

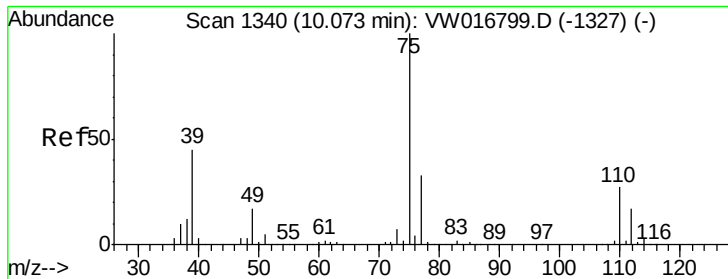


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.468 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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Acq: 06 Oct 2020 18:47

Instrument :

MSVOA_W

ClientSampleId :

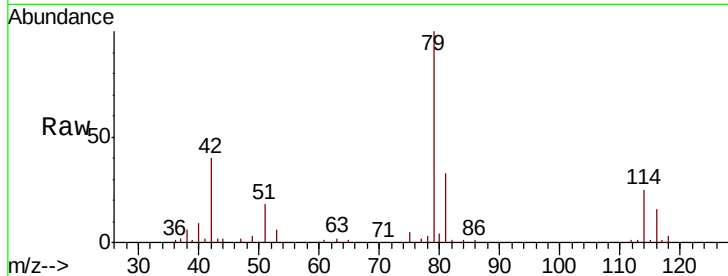
VHBLK01

Tot Ion: 75 Resp: 4809

Ion Ratio Lower Upper

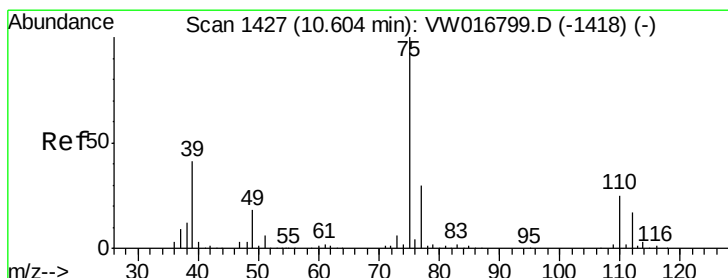
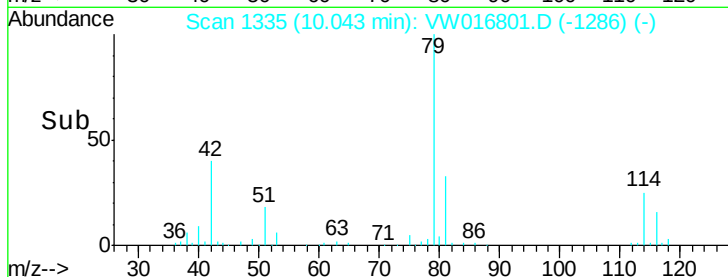
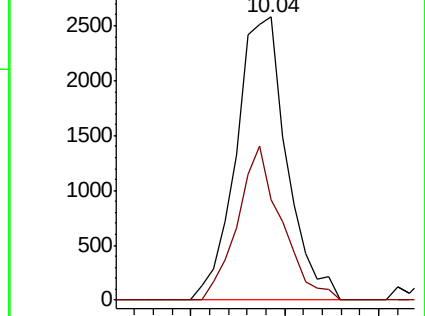
75 100

77 35.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.324 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016801.D

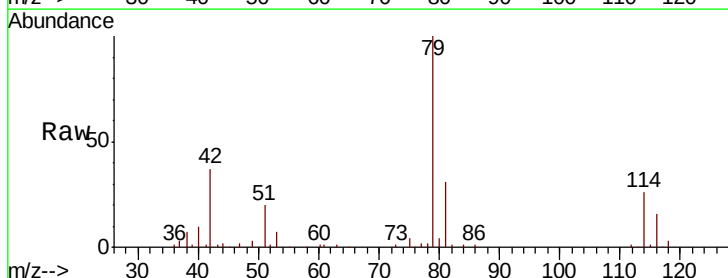
Acq: 06 Oct 2020 18:47

Tgt Ion: 75 Resp: 2800

Ion Ratio Lower Upper

75 100

77 45.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

