

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016207.D
 Acq On : 17 Aug 2020 10:43
 Operator : SY/VA
 Sample : L3599-03
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Aug 18 03:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	398934	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	366811	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95736	19.36	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.90	69	76674	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
10) 1,1-Dichloroethene-d2	4.01	63	165199	15.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.92%
20) 2-Butanone-d5	7.08	46	57926	44.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.02%
24) Chloroform-d	7.65	84	228019	21.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	8.31	65	117191	20.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.44%
29) Benzene-d6	8.28	84	462010	23.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.60%
33) 1,2-Dichloropropane-d6	9.28	67	135860	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.60%
37) Toluene-d8	10.33	98	422109	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	10.59	79	56703	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	45996	45.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111664	23.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	144028	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

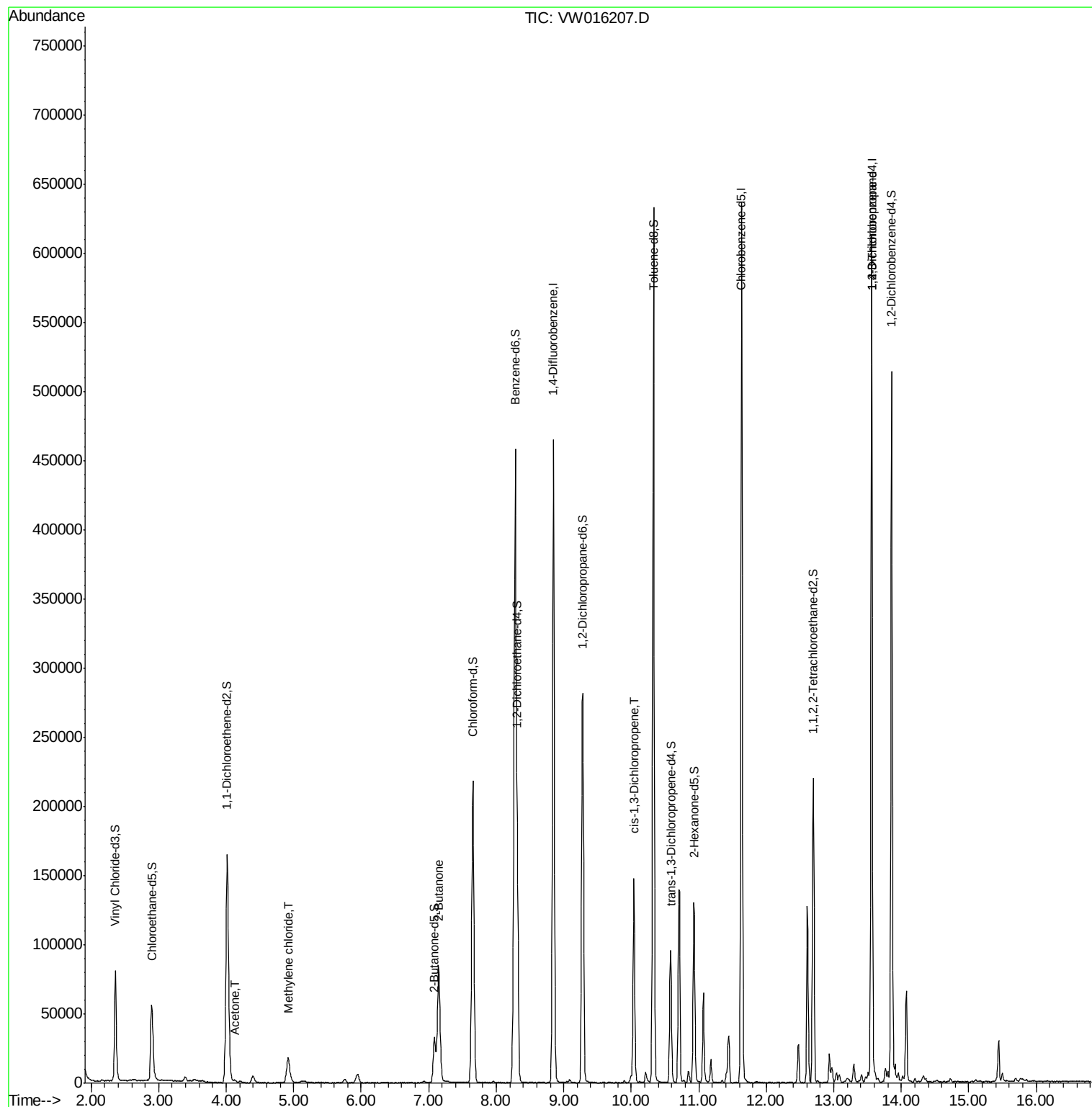
					Ovalue
13) Acetone	4.12	43	2662	2.704 ug/L	83
16) Methylene chloride	4.92	84	14290	2.269 ug/L	99
21) 2-Butanone	7.15	43	4329	2.774 ug/L #	66
42) cis-1,3-Dichloropropene	10.04	75	3846	0.486 ug/L #	80
59) 1,2,3-Trichloropropane	13.56	75	19314	5.344 ug/L	91

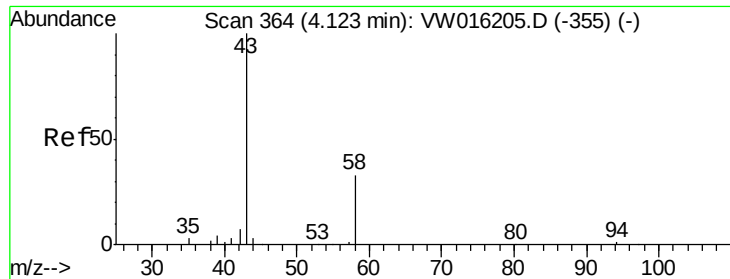
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.704 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW016207.D

Acq: 17 Aug 2020 10:43

Instrument :

MSVOA_W

ClientSampleId :

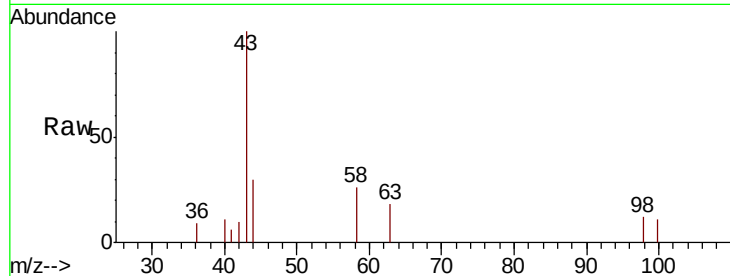
VHBLK01

Tot Ion: 43 Resp: 2662

Ion Ratio Lower Upper

43 100

58 20.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1200

1000

800

600

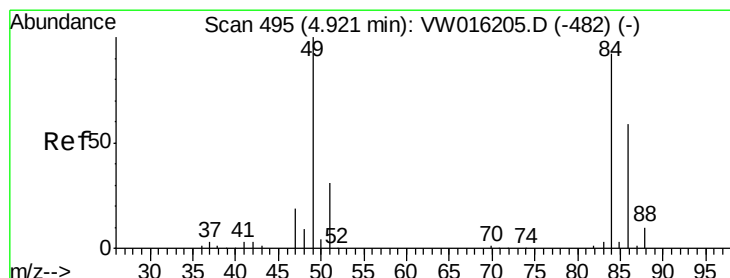
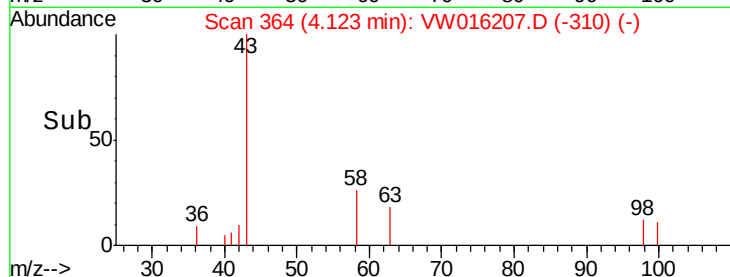
400

200

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.269 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016207.D

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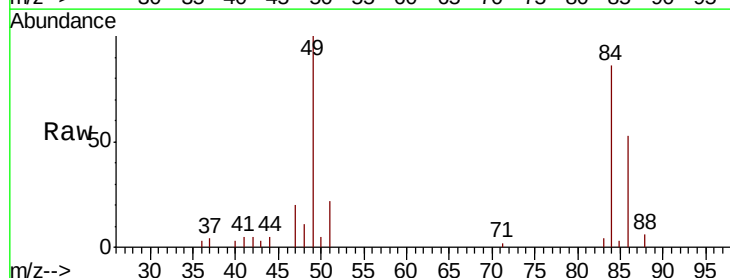
Tgt Ion: 84 Resp: 14290

Ion Ratio Lower Upper

84 100

49 116.8 80.4 149.4

86 61.8 43.8 81.3



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

6000

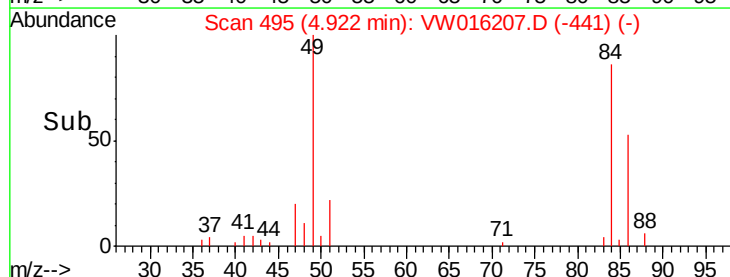
4000

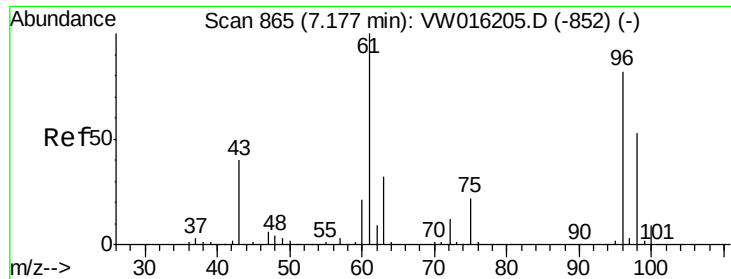
2000

0

Time-->

4.80 4.85 4.90 4.95 5.00





#21

2-Butanone

Concen: 2.774 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW016207.D

Acq: 17 Aug 2020 10:43

Instrument :

MSVOA_W

ClientSampled :

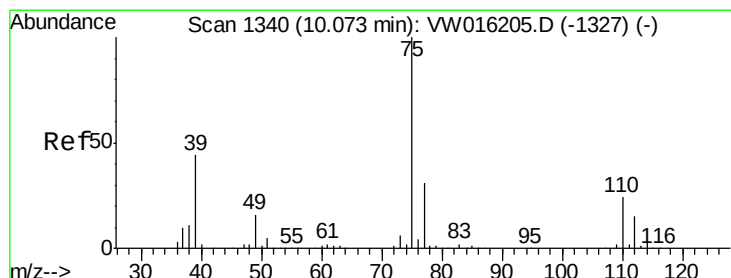
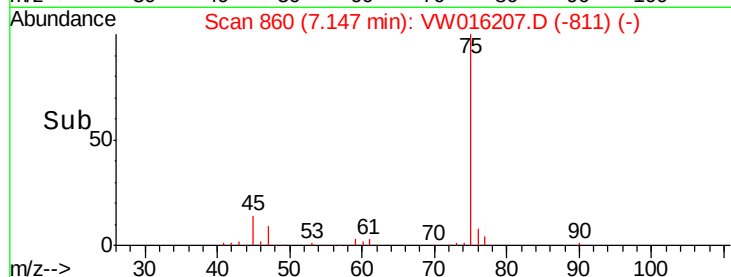
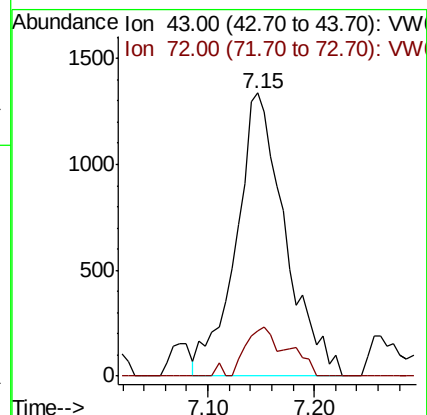
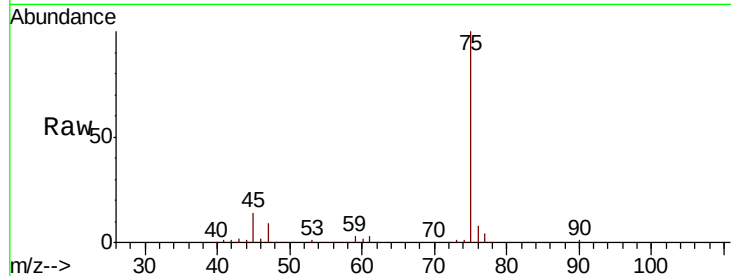
VHBLK01

Tot Ion: 43 Resp: 4329

Ion Ratio Lower Upper

43 100

72 9.8 13.9 41.7#



#42

cis-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016207.D

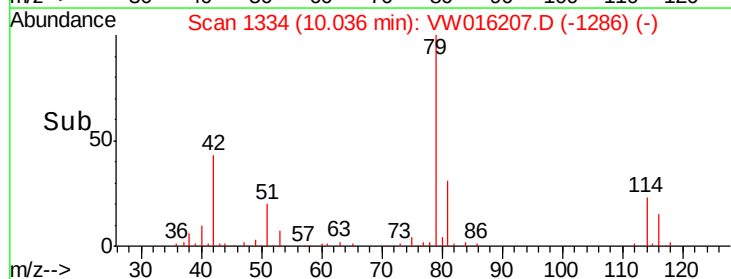
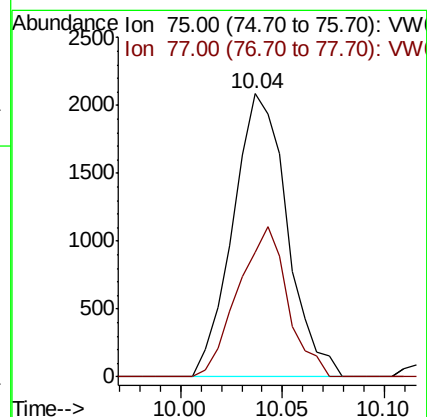
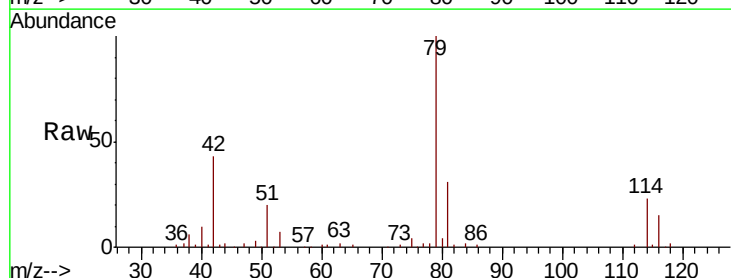
Acq: 17 Aug 2020 10:43

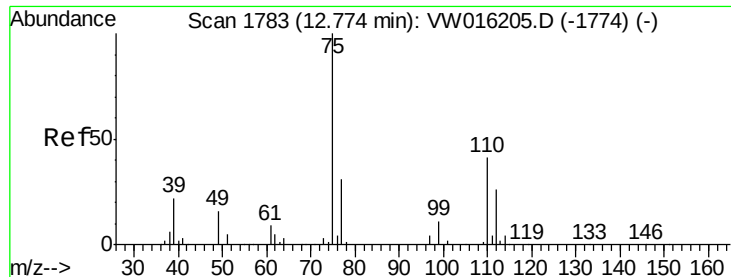
Tgt Ion: 75 Resp: 3846

Ion Ratio Lower Upper

75 100

77 44.1 22.9 42.5#





#59

1,2,3-Trichloropropane

Concen: 5.344 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016207.D

Acq: 17 Aug 2020 10:43

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 19314

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9

