

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016208.D
 Acq On : 17 Aug 2020 11:06
 Operator : SY/VA
 Sample : L3628-10
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Aug 18 03:22:15 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	399528	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164630	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94672	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.44%
7) Chloroethane-d5	2.90	69	75398	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
10) 1,1-Dichloroethene-d2	4.01	63	163908	15.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.32%
20) 2-Butanone-d5	7.09	46	57387	44.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.06%
24) Chloroform-d	7.65	84	221329	20.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.56%
26) 1,2-Dichloroethane-d4	8.31	65	117583	20.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.60%
29) Benzene-d6	8.28	84	456695	22.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.40%
33) 1,2-Dichloropropane-d6	9.28	67	131341	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
37) Toluene-d8	10.33	98	412870	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.12%
38) trans-1,3-Dichloropropene-	10.59	79	55998	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.92%
39) 2-Hexanone-d5	10.93	63	45950	44.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111476	22.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	141329	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds

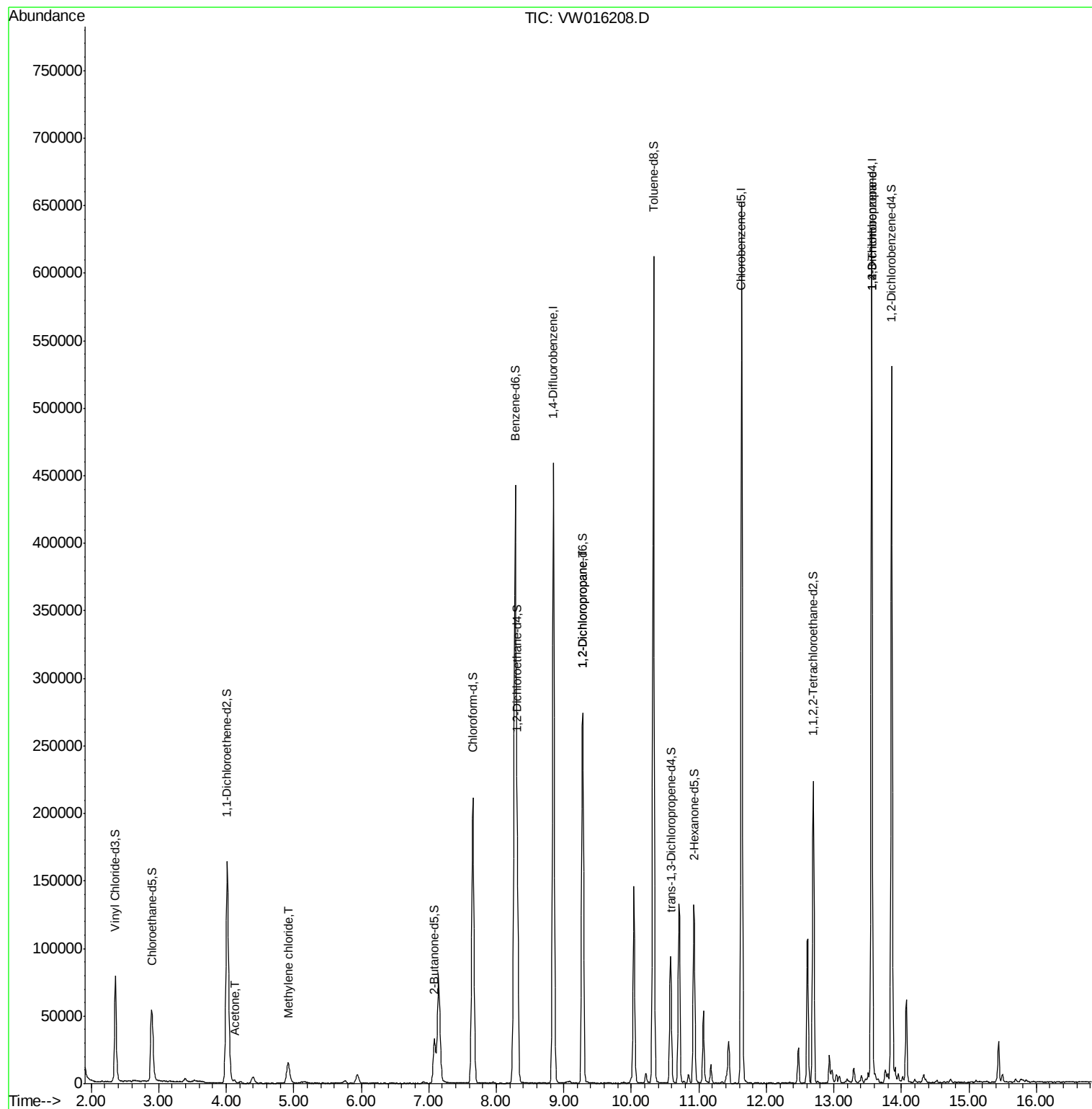
					Ovalue
13) Acetone	4.12	43	2860	2.901 ug/L	68
16) Methylene chloride	4.92	84	12187	1.932 ug/L	92
40) 1,2-Dichloropropane	9.28	63	14496	2.725 ug/L #	87
59) 1,2,3-Trichloropropane	13.56	75	18796	5.078 ug/L	90

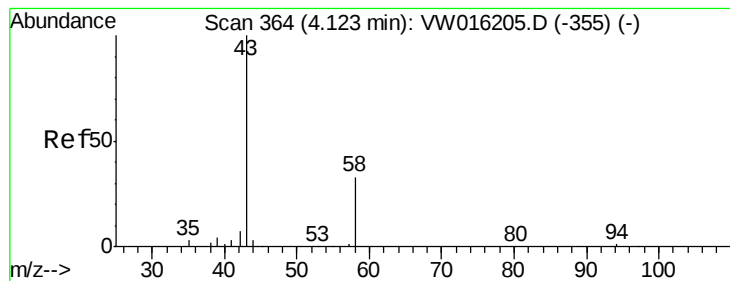
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.901 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW016208.D

Acq: 17 Aug 2020 11:06

Instrument :

MSVOA_W

ClientSampled :

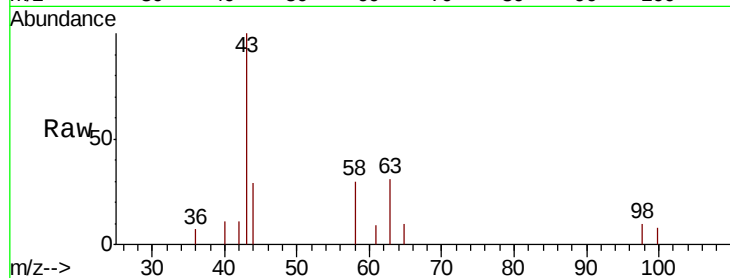
VHBLK01

Tot Ion: 43 Resp: 2860

Ion Ratio Lower Upper

43 100

58 12.6 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

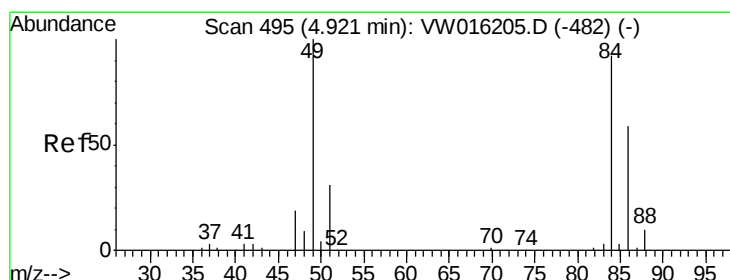
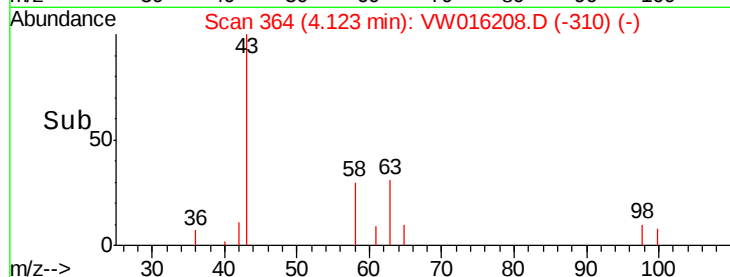
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 1.932 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016208.D

Acq: 17 Aug 2020 11:06

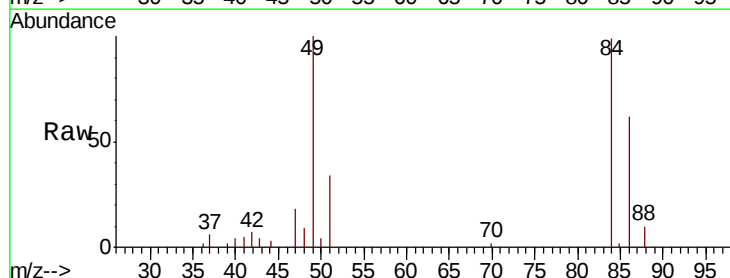
Tgt Ion: 84 Resp: 12187

Ion Ratio Lower Upper

84 100

49 100.8 80.4 149.4

86 62.5 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

5000

4000

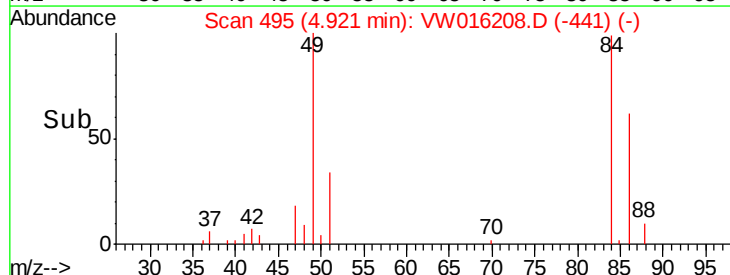
3000

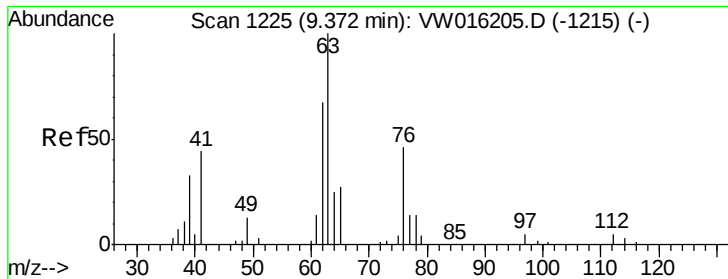
2000

1000

0

Time-->

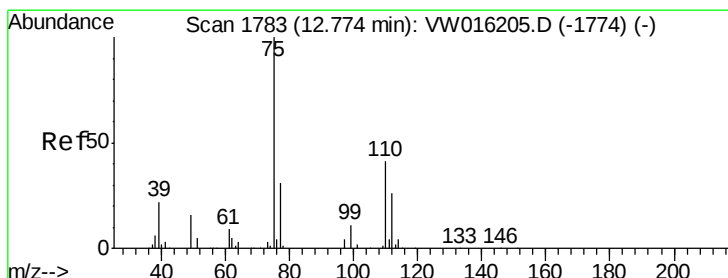
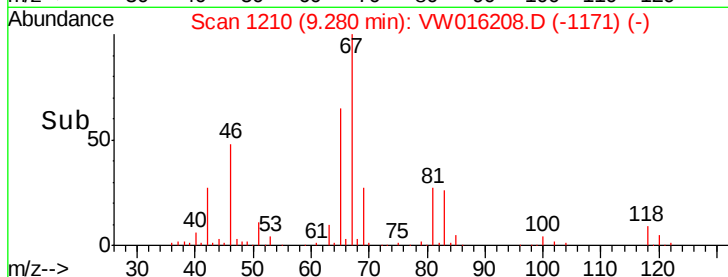
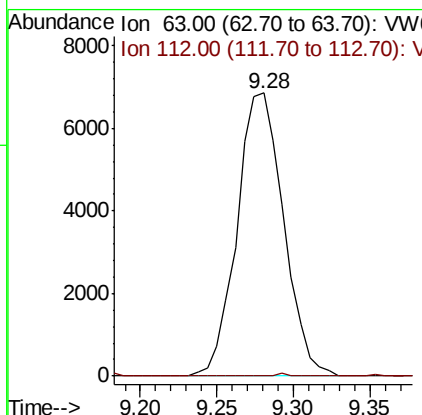
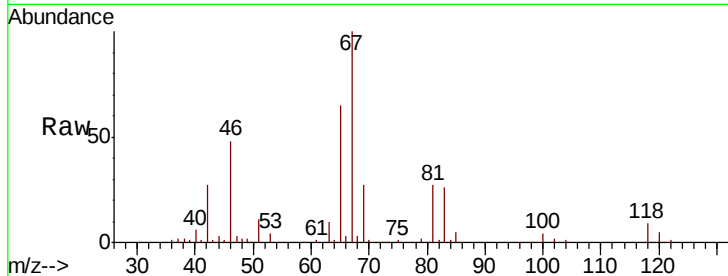




#40
 1,2-Dichloropropane
 Concen: 2.725 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
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Tot Ion: 63 Resp: 14496
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.0 6.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.078 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016208.D
 Acq: 17 Aug 2020 11:06

Tgt Ion: 75 Resp: 18796
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.9 38.9

