

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016206.D
 Acq On : 17 Aug 2020 10:19
 Operator : SY/VA
 Sample : VW0817SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK03

Quant Time: Aug 18 03:22:03 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	399877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377203	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99218	20.01	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
7) Chloroethane-d5	2.90	69	81639	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
10) 1,1-Dichloroethene-d2	4.01	63	177995	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.60%
20) 2-Butanone-d5	7.08	46	58014	44.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.94%
24) Chloroform-d	7.65	84	238642	22.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	8.31	65	122666	21.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.08%
29) Benzene-d6	8.28	84	484386	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.28	67	140629	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
37) Toluene-d8	10.33	98	447085	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.04%
38) trans-1,3-Dichloropropene-	10.58	79	59101	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.16%
39) 2-Hexanone-d5	10.93	63	46899	45.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114153	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	152550	25.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.48%

Target Compounds

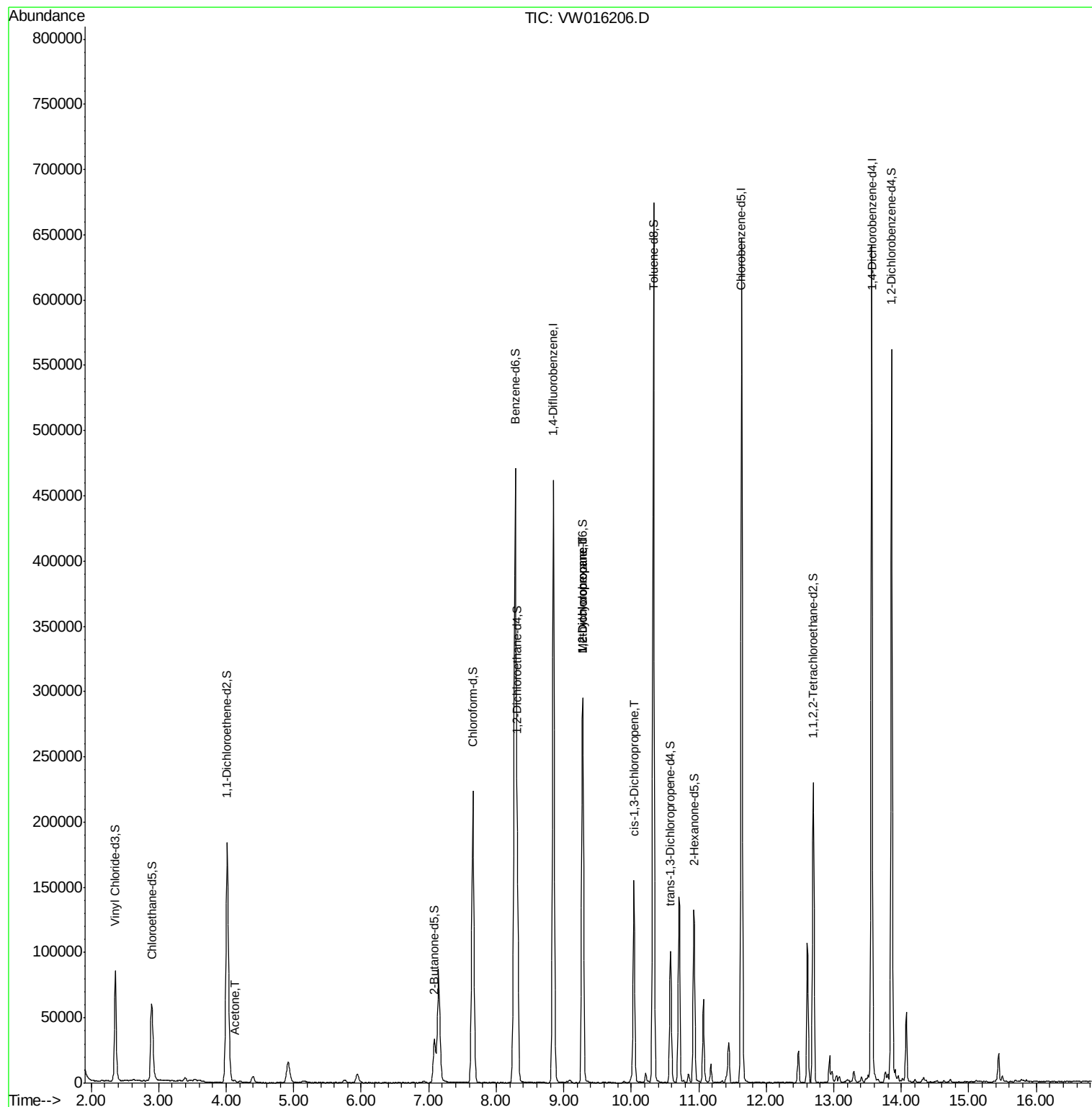
					Ovalue
13) Acetone	4.12	43	2555	2.589 ug/L	89
36) Methylcyclohexane	9.28	83	35839	3.720 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	15792	2.956 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3999	0.492 ug/L #	73

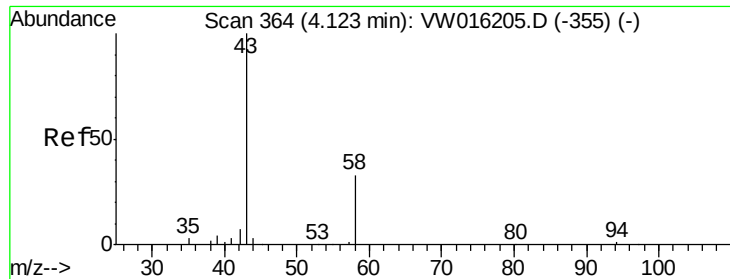
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.589 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

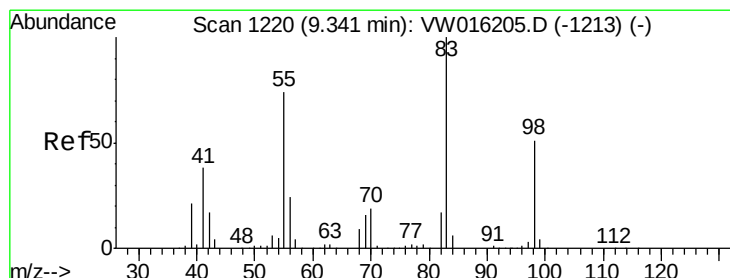
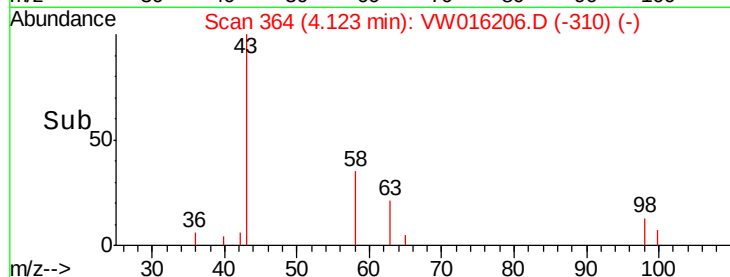
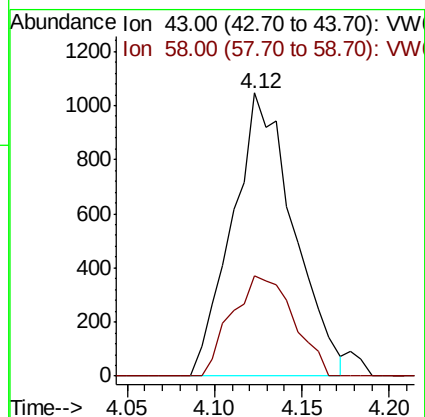
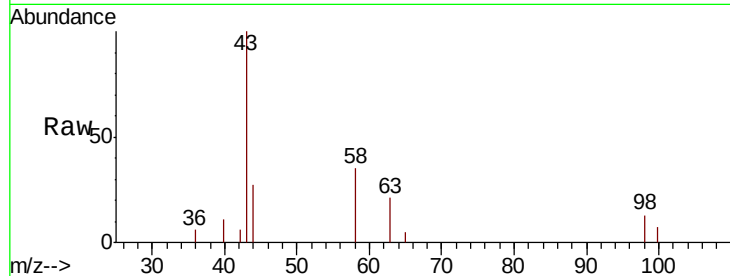
VBLK03

Tot Ion: 43 Resp: 2555

Ion Ratio Lower Upper

43 100

58 35.6 0.0 59.4



#36

Methylcyclohexane

Concen: 3.720 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016206.D

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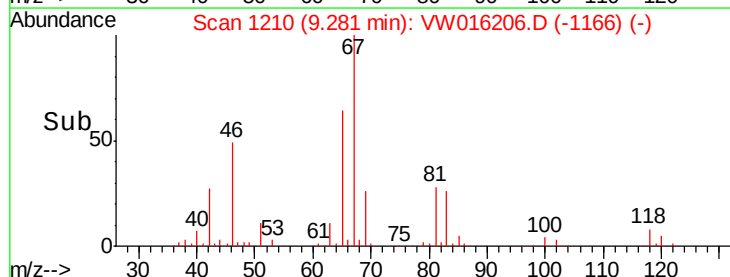
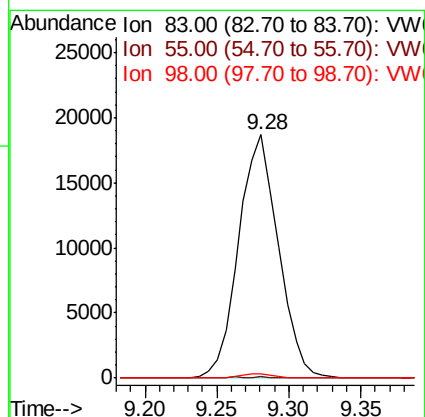
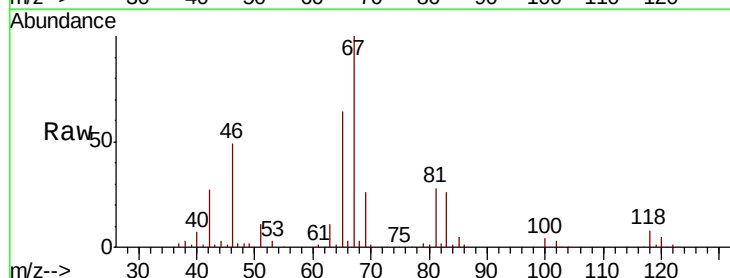
Tgt Ion: 83 Resp: 35839

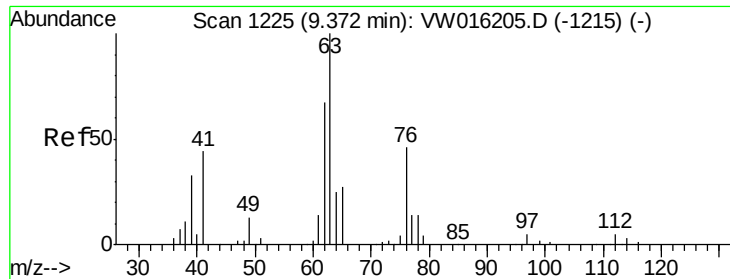
Ion Ratio Lower Upper

83 100

55 0.3 60.7 91.1#

98 1.3 39.4 59.0#





#40

1,2-Dichloropropane

Concen: 2.956 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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Instrument :

MSVOA_W

ClientSampleId :

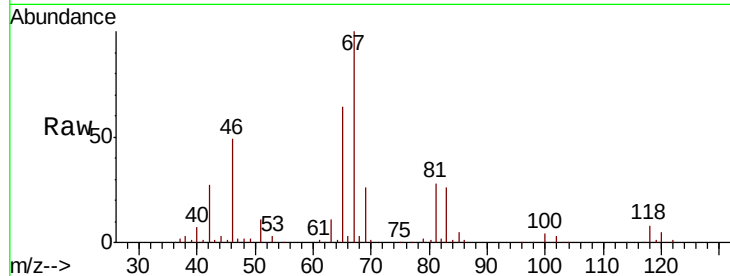
VBLK03

Tot Ion: 63 Resp: 15792

Ion Ratio Lower Upper

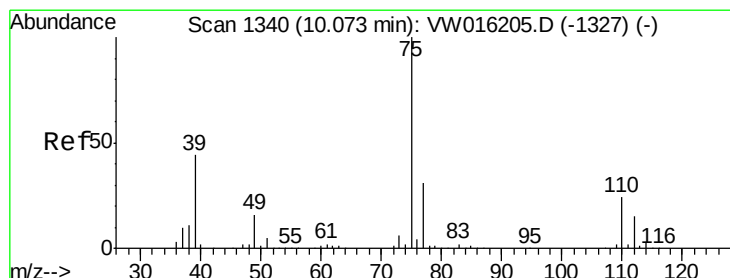
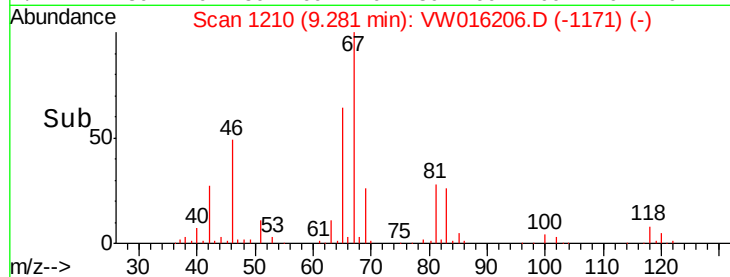
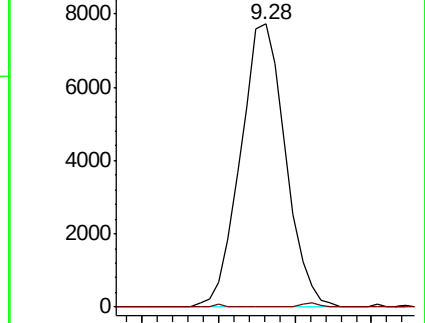
63 100

112 0.6 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.492 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016206.D

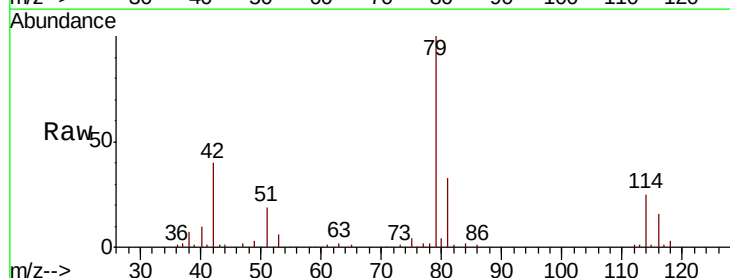
Acq: 17 Aug 2020 10:19

Tgt Ion: 75 Resp: 3999

Ion Ratio Lower Upper

75 100

77 47.7 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

