

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016704.D
 Acq On : 30 Sep 2020 11:04
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Oct 01 05:06:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	550606	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	487734	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	237443	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	84138	15.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.16%
7) Chloroethane-d5	2.90	69	76264	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
10) 1,1-Dichloroethene-d2	4.03	63	133135	11.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.68%#
20) 2-Butanone-d5	7.09	46	65166	44.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.70%
24) Chloroform-d	7.66	84	238317	20.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.76%
26) 1,2-Dichloroethane-d4	8.31	65	126119	21.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.32%
29) Benzene-d6	8.28	84	427016	19.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.08%
33) 1,2-Dichloropropane-d6	9.28	67	127496	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.04%
37) Toluene-d8	10.33	98	382436	17.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.08%
38) trans-1,3-Dichloropropene-	10.58	79	55772	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	51990	48.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125866	24.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	169898	22.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.56%

Target Compounds

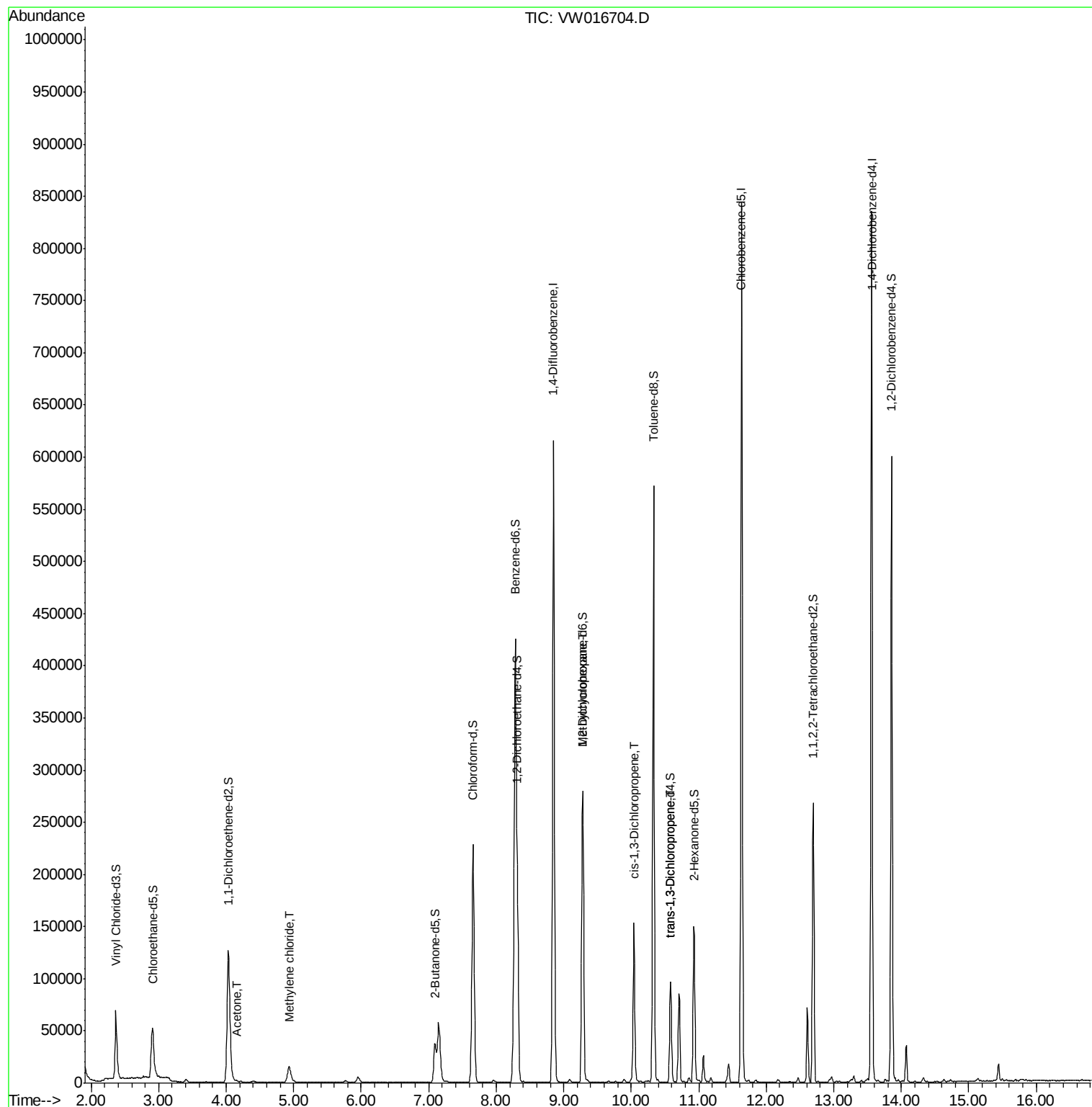
					Ovalue
13) Acetone	4.16	43	3142	2.760 ug/L	72
16) Methylene chloride	4.93	84	13506	1.590 ug/L	97
36) Methylcyclohexane	9.28	83	33967	2.648 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	4226	0.407 ug/L #	68
45) trans-1,3-Dichloropropene	10.58	75	2912	0.322 ug/L	91

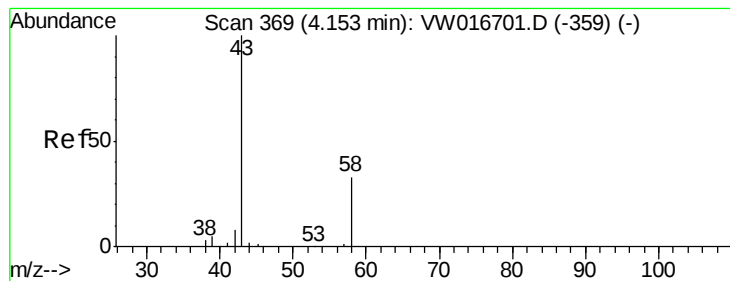
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.760 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016704.D

Acq: 30 Sep 2020 11:04

Instrument :

MSVOA_W

ClientSampled :

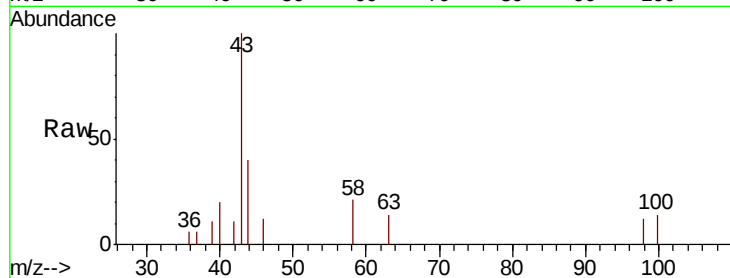
VIBLK

Tot Ion: 43 Resp: 3142

Ion Ratio Lower Upper

43 100

58 15.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

800

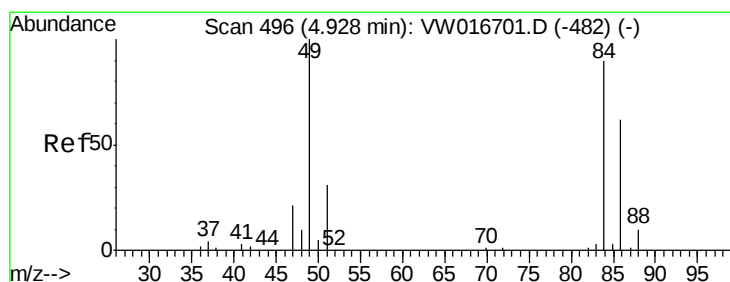
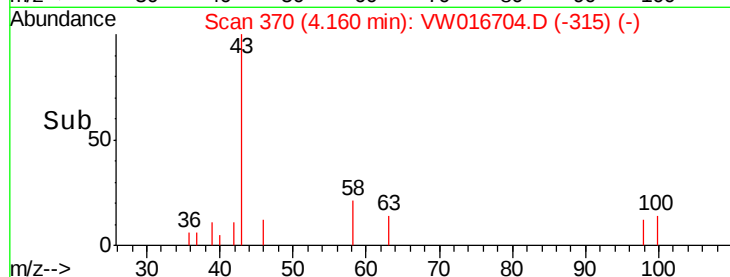
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 1.590 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016704.D

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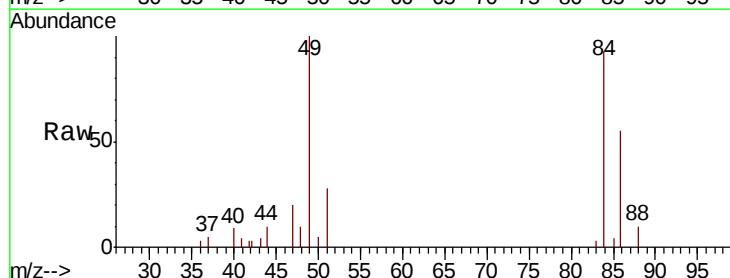
Tgt Ion: 84 Resp: 13506

Ion Ratio Lower Upper

84 100

49 108.1 76.0 141.2

86 59.9 45.6 84.6



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

4.93

5000

4000

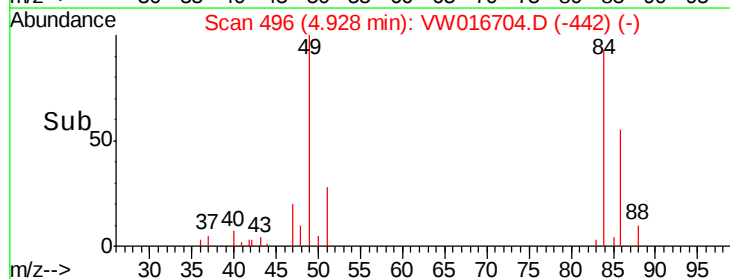
3000

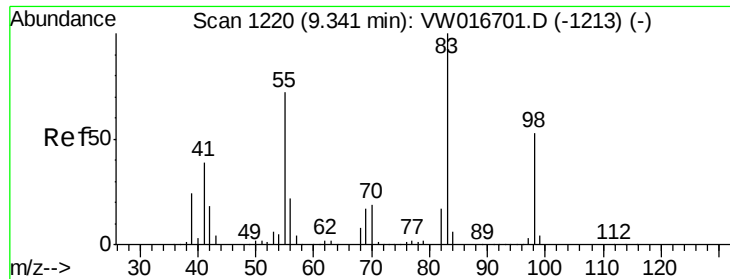
2000

1000

0

Time-->

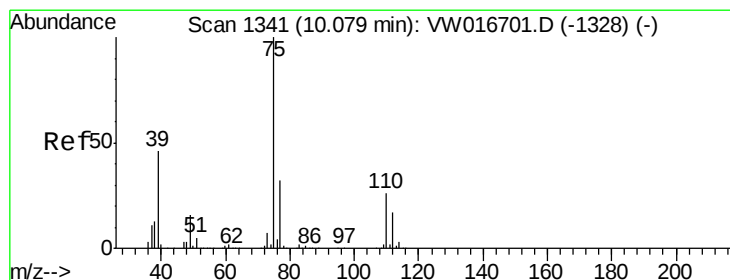
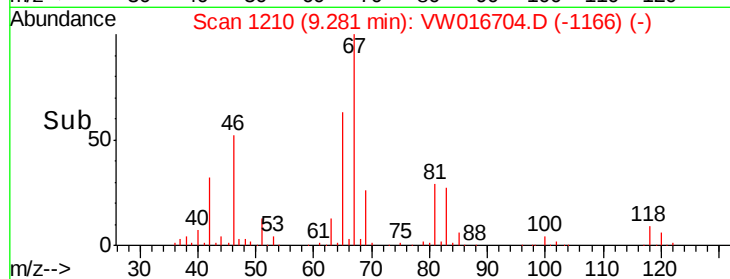
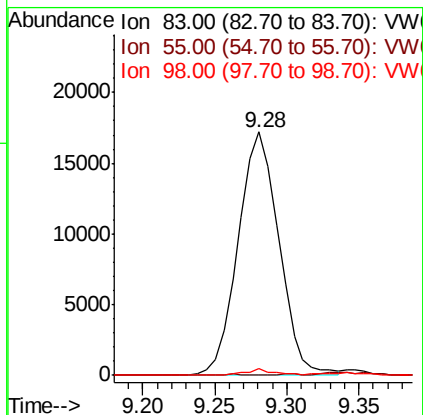
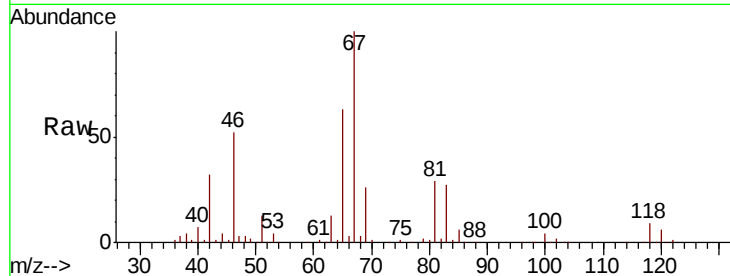




#36
Methylcyclohexane
Concen: 2.648 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
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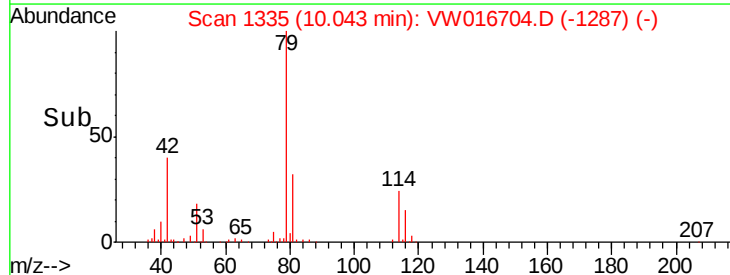
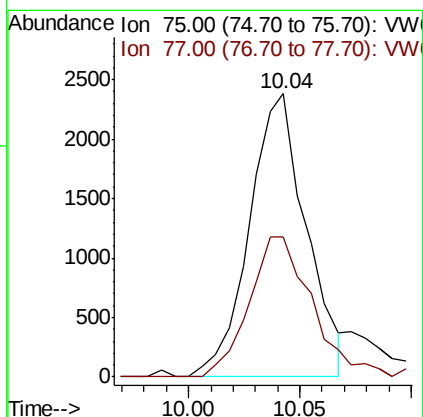
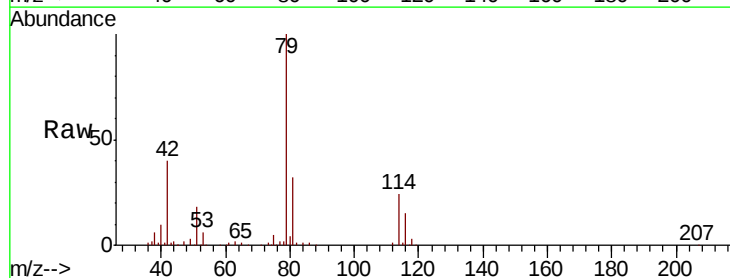
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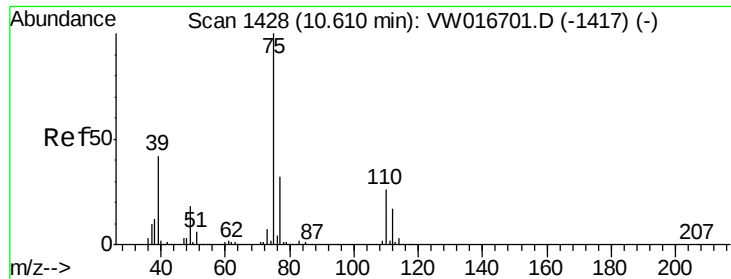
Tot Ion: 83 Resp: 33967
Ion Ratio Lower Upper
83 100
55 0.2 55.9 83.9#
98 1.8 42.1 63.1#



#42
cis-1,3-Dichloropropene
Concen: 0.407 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.04 min
Lab File: VW016704.D
Acq: 30 Sep 2020 11:04

Tgt Ion: 75 Resp: 4226
Ion Ratio Lower Upper
75 100
77 49.4 22.2 41.2#





#45

trans-1,3-Dichloropropene

Concen: 0.322 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016704.D

Acq: 30 Sep 2020 11:04

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 2912

Ion Ratio Lower Upper

75 100

77 37.4 22.5 41.9

