

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010821\
 Data File : VW017808.D
 Acq On : 08 Jan 2021 17:01
 Operator : SY/VA
 Sample : M1053-04
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jan 08 21:59:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	288240	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259782	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124418	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104698	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
7) Chloroethane-d5	2.89	69	92934	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
10) 1,1-Dichloroethene-d2	4.02	63	138017	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.08	46	41171	56.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.92%
24) Chloroform-d	7.65	84	190164	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	107319	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.12%
29) Benzene-d6	8.27	84	376207	25.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.84%
33) 1,2-Dichloropropane-d6	9.27	67	106578	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.68%
37) Toluene-d8	10.32	98	350138	24.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.64%
38) trans-1,3-Dichloropropene-	10.58	79	42939	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	10.93	63	29609	58.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82503	27.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	110735	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

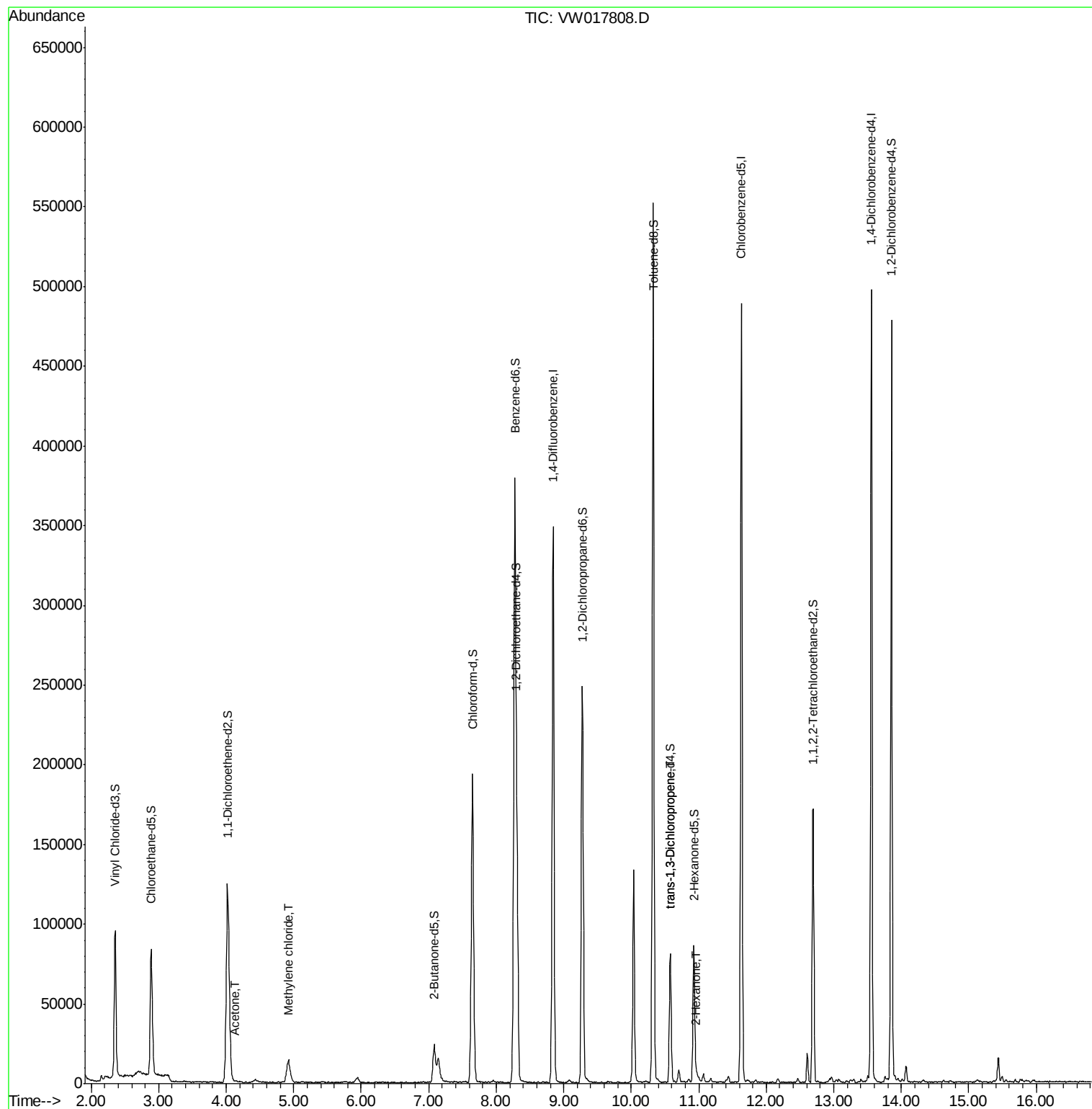
					Ovalue
13) Acetone	4.12	43	762	1.221 ug/L #	44
16) Methylene chloride	4.91	84	5283	1.282 ug/L	91
45) trans-1,3-Dichloropropene	10.57	75	2570	0.539 ug/L	91
49) 2-Hexanone	10.97	43	1210	1.001 ug/L #	71

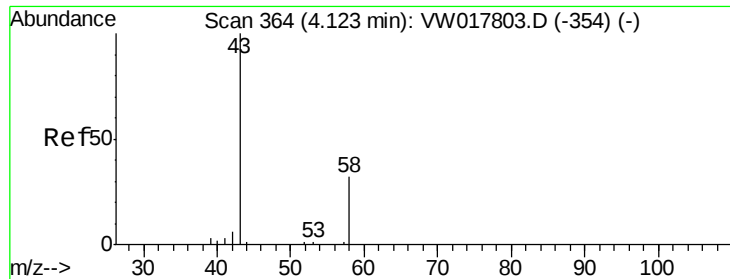
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.221 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017808.D

Acq: 08 Jan 2021 17:01

Instrument :

MSVOA_W

ClientSampled :

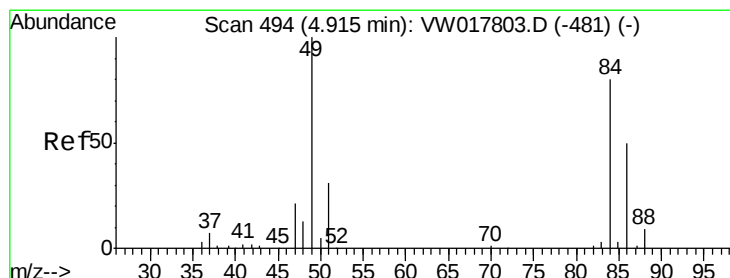
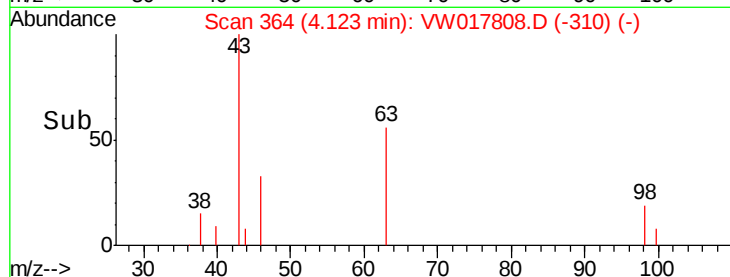
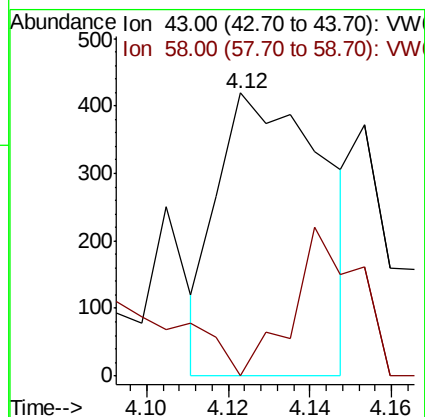
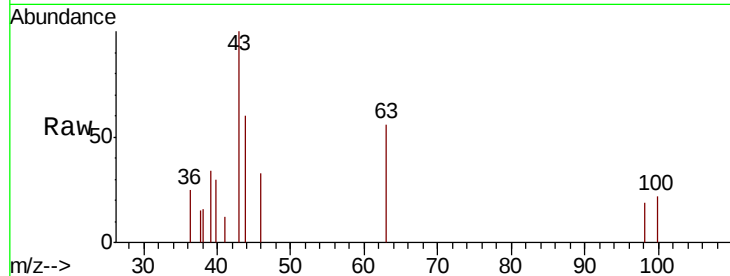
VHBLK01

Tot Ion: 43 Resp: 762

Ion Ratio Lower Upper

43 100

58 0.0 0.0 60.8



#16

Methylene chloride

Concen: 1.282 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 08 Jan 2021 17:01

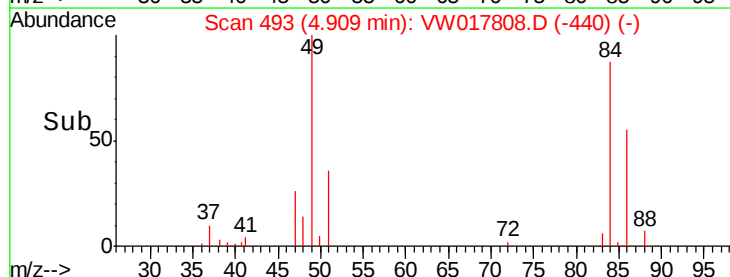
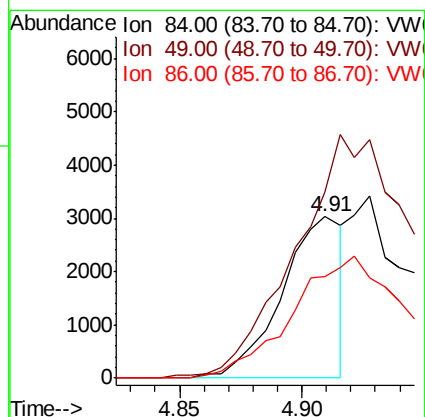
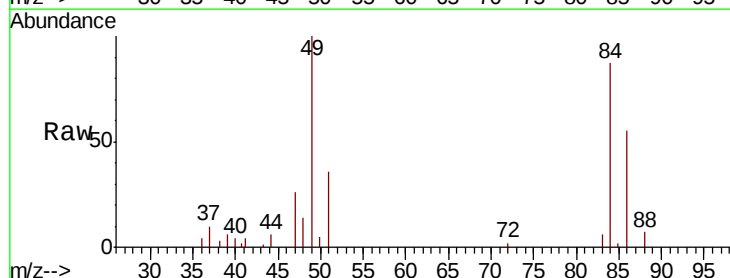
Tgt Ion: 84 Resp: 5283

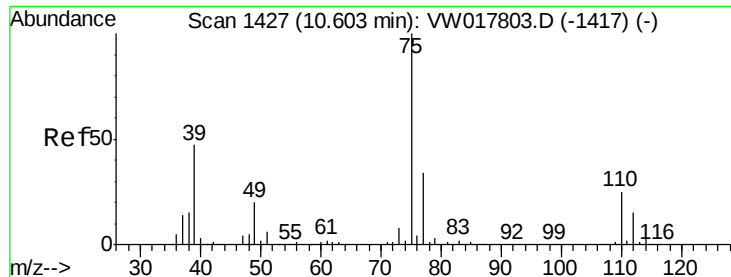
Ion Ratio Lower Upper

84 100

49 115.0 90.5 168.1

86 62.9 44.8 83.2





#45

trans-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

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MSVOA_W

ClientSampleId :

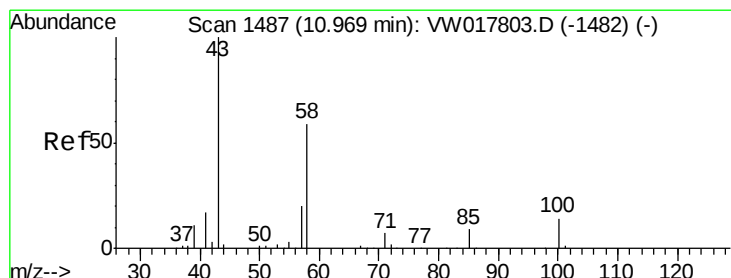
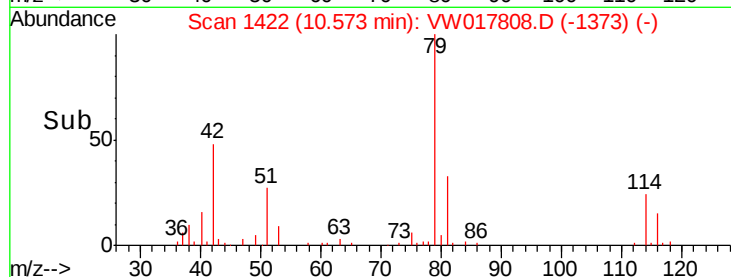
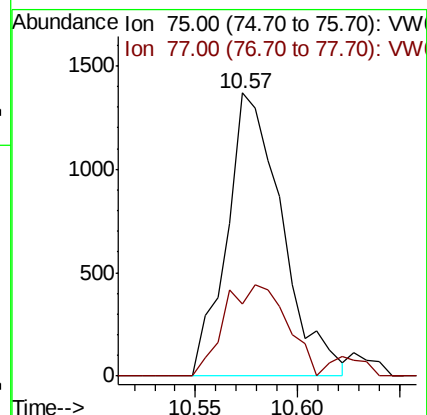
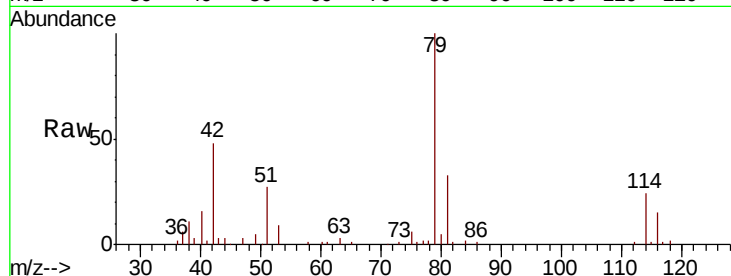
VHBLK01

Tot Ion: 75 Resp: 2570

Ion Ratio Lower Upper

75 100

77 25.7 21.6 40.0



#49

2-Hexanone

Concen: 1.001 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017808.D

Acq: 08 Jan 2021 17:01

Tgt Ion: 43 Resp: 1210

Ion Ratio Lower Upper

43 100

58 81.0 44.2 66.4#

57 6.1 16.1 24.1#

100 14.7 11.0 16.4

