

Data File : VW017331.D
Acq On : 18 Nov 2020 16:45
Operator : SY/VA
Sample : L4712-04
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 19 05:04:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	402182	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364579	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135405	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
7) Chloroethane-d5	2.89	69	110527	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.48%
10) 1,1-Dichloroethene-d2	4.02	63	183597	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.52%
20) 2-Butanone-d5	7.08	46	47568	48.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.30%
24) Chloroform-d	7.65	84	246293	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	124431	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	502851	24.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.88%
33) 1,2-Dichloropropane-d6	9.27	67	135337	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.88%
37) Toluene-d8	10.33	98	478063	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.84%
38) trans-1,3-Dichloropropene-	10.58	79	57329	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.20%
39) 2-Hexanone-d5	10.93	63	37281	50.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103299	24.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	161876	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

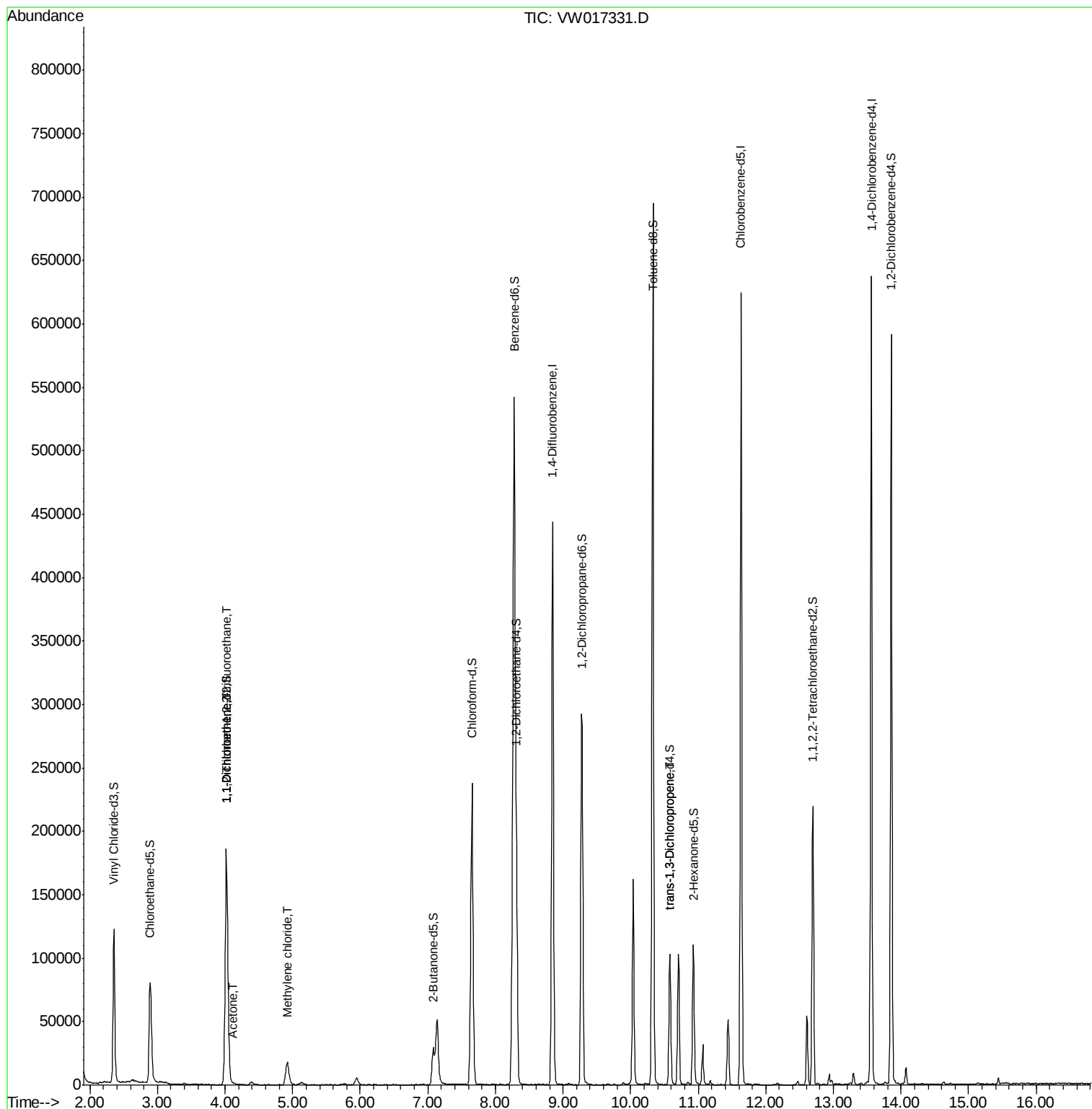
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2022	0.367 ug/L #	16
12) 1,1-Dichloroethene	4.02	96	1396	0.264 ug/L #	1
13) Acetone	4.12	43	706	0.990 ug/L	84
16) Methylene chloride	4.93	84	9056	1.316 ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	2856	0.466 ug/L	97

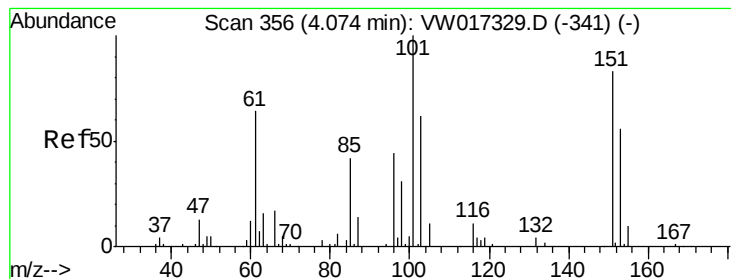
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.367 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampled :

VHBLK01

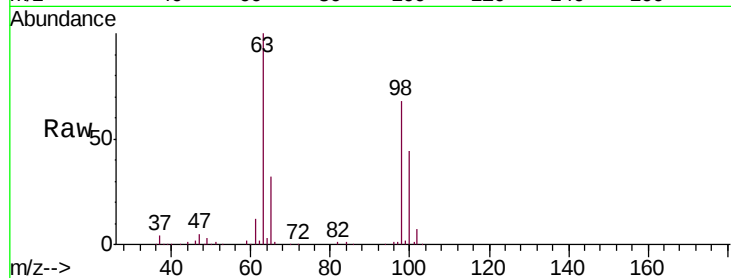
Tgt Ion: 101 Resp: 2022

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

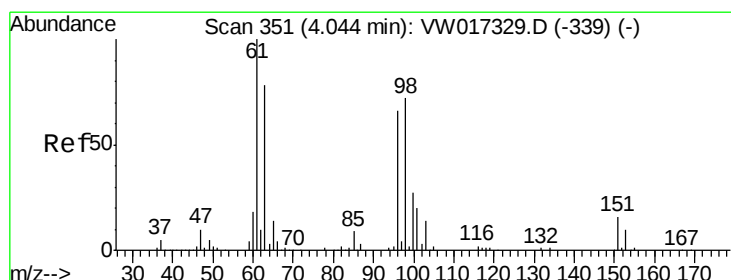
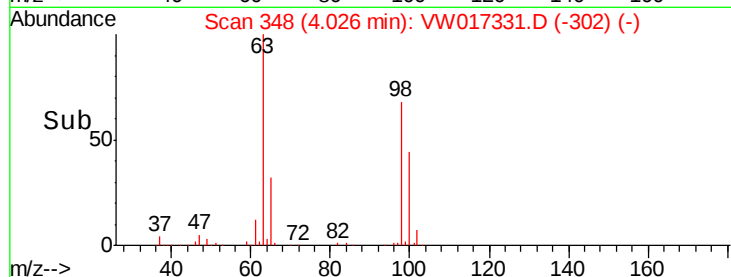
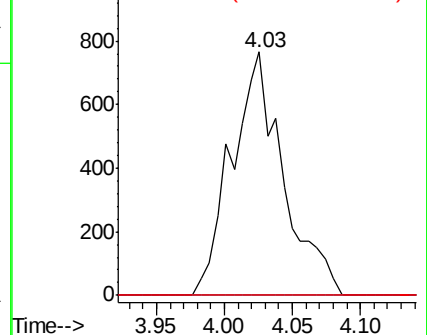
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.264 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

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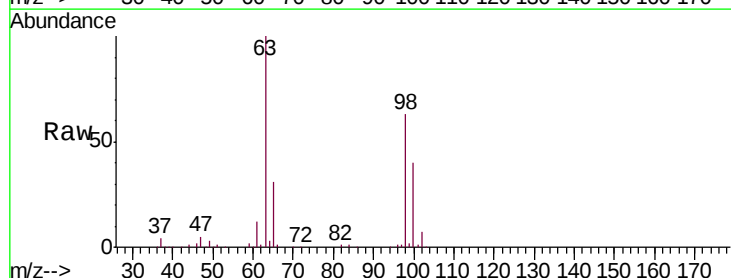
Tgt Ion: 96 Resp: 1396

Ion Ratio Lower Upper

96 100

61 1393.5 104.7 194.4#

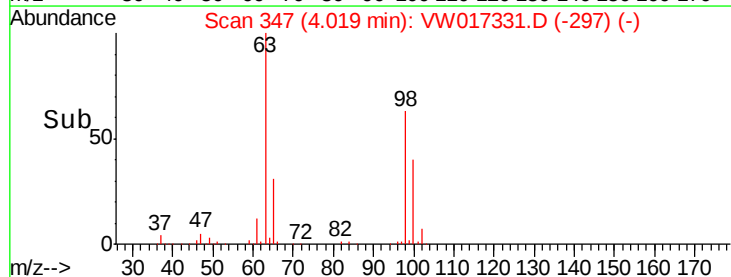
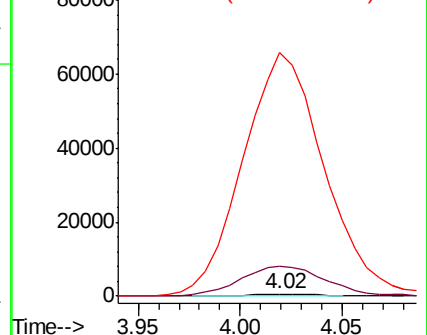
63 11584.5 69.6 129.2#

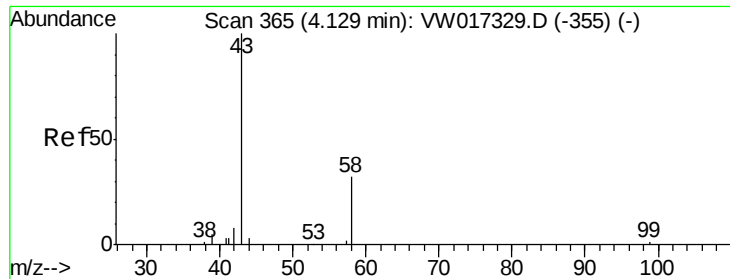


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 0.990 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

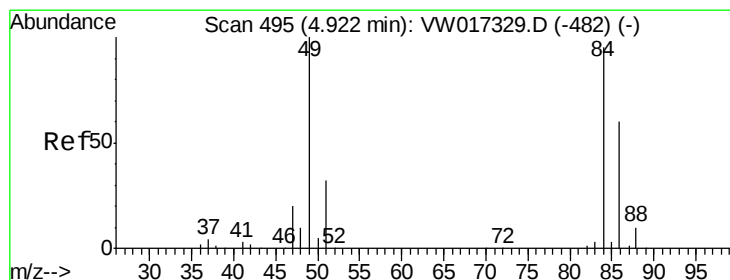
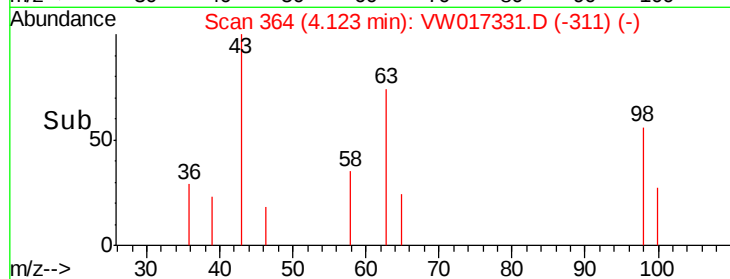
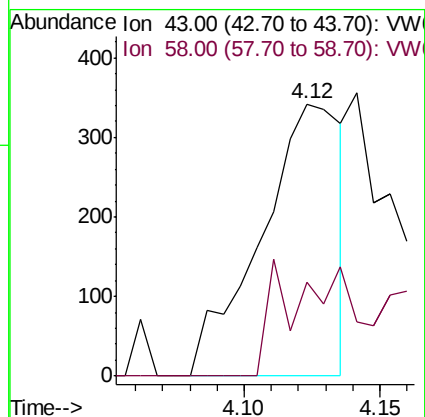
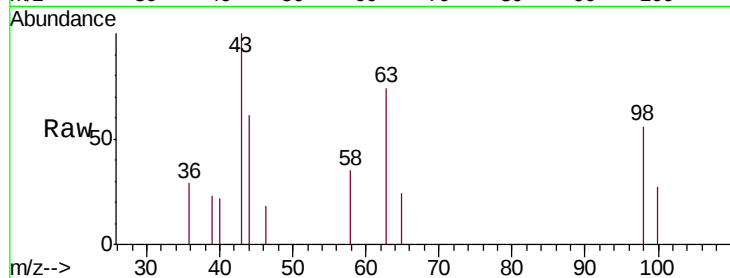
VHBLK01

Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

58 24.6 0.0 67.0



#16

Methylene chloride

Concen: 1.316 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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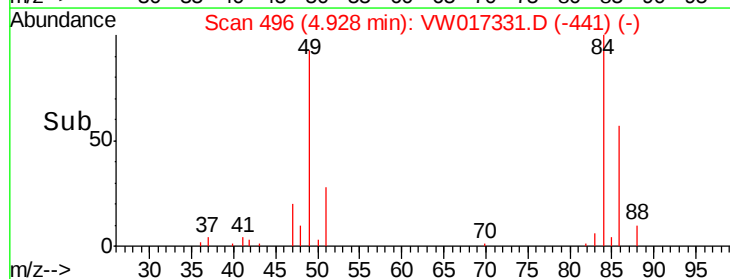
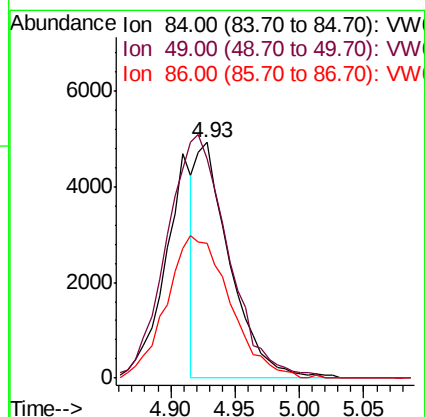
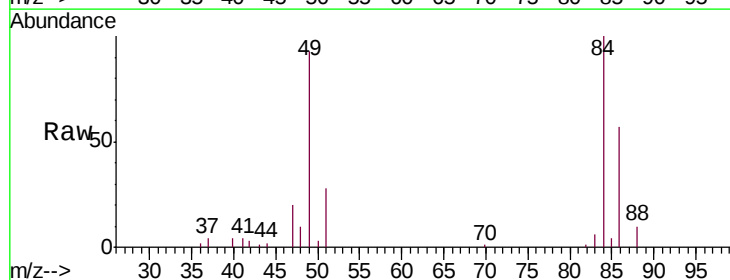
Tgt Ion: 84 Resp: 9056

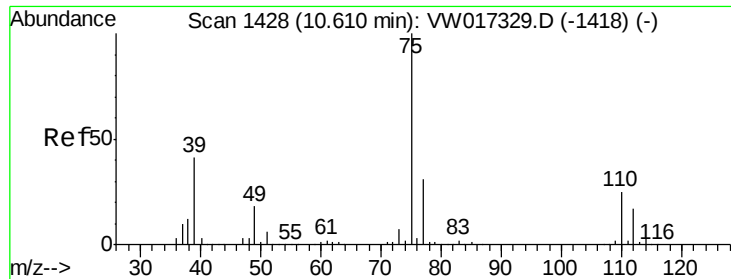
Ion Ratio Lower Upper

84 100

49 93.0 71.5 132.9

86 57.1 42.8 79.4





#45

trans-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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Acq: 18 Nov 2020 16:45

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 2856

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8

