

Data File : VW005862.D
Acq On : 04 Oct 2018 18:54
Operator : SY/AP
Sample : J5251-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Oct 05 01:17:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 05 01:16:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	280534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296765	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	150588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75538	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
7) Chloroethane-d5	2.90	69	60445	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.01	63	127759	16.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.09	46	70262	61.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.40%
24) Chloroform-d	7.65	84	181658	25.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	8.31	65	113942	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.40%
29) Benzene-d6	8.27	84	350027	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.28	67	106362	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.33	98	353724	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	52042	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.36%
39) 2-Hexanone-d5	10.93	63	60286	60.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.26%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	117084	28.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	147852	27.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.00%

Target Compounds

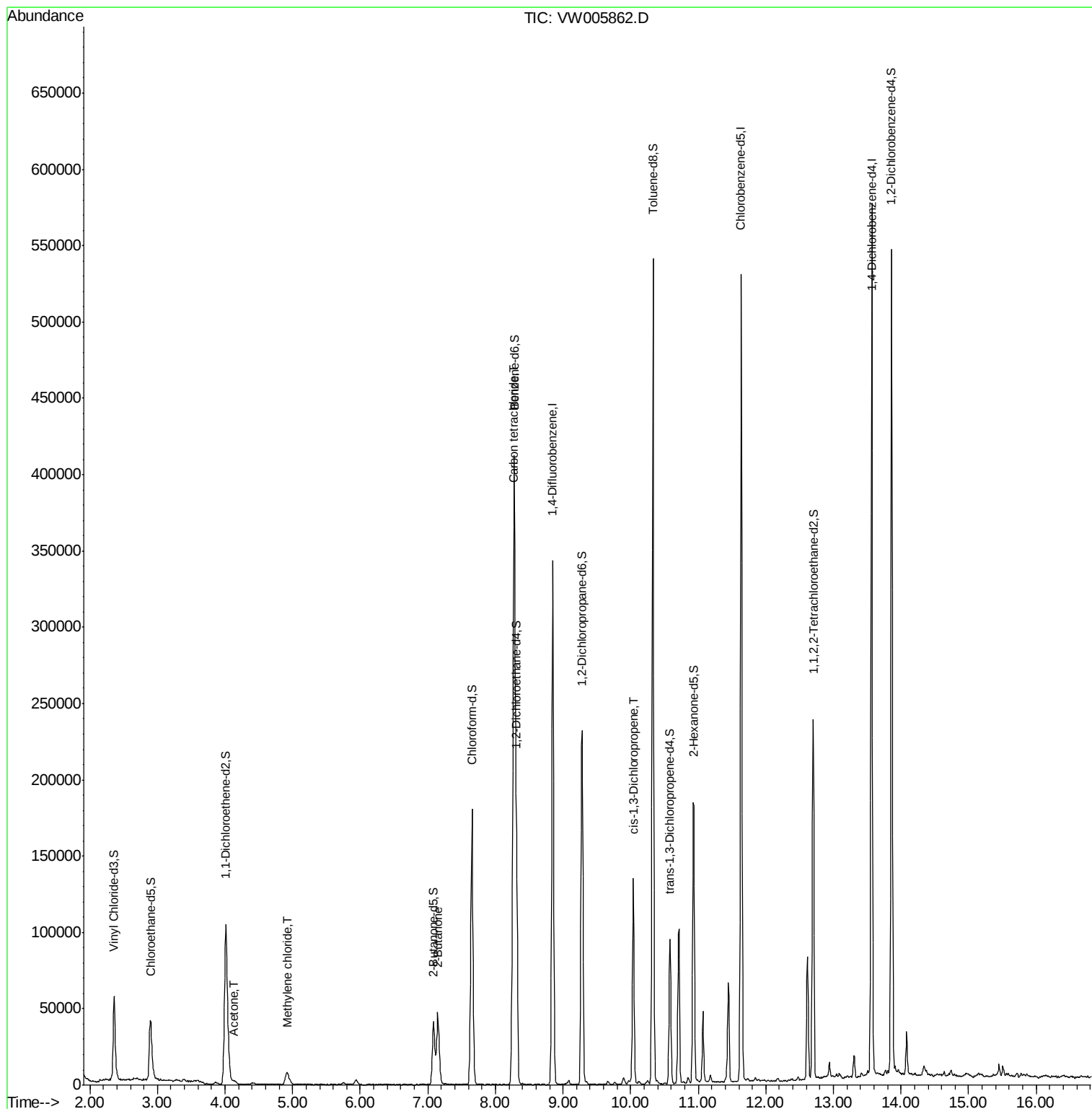
					Qvalue
13) Acetone	4.13	43	2546	2.129 ug/L	99
16) Methylene chloride	4.92	84	6999	1.513 ug/L	87
21) 2-Butanone	7.15	43	1848	1.291 ug/L	76
32) Carbon tetrachloride	8.26	117	2237	0.316 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	3378	0.501 ug/L #	72

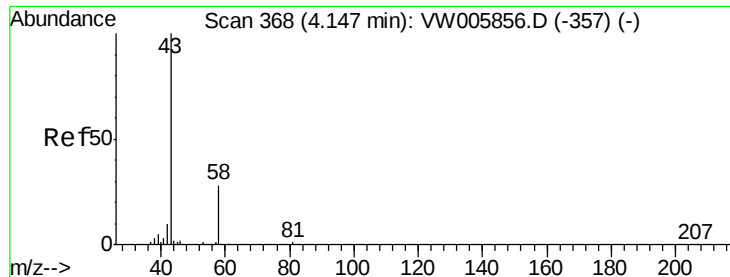
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.129 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

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Acq: 04 Oct 2018 18:54

Instrument :

MSVOA_W

ClientSampled :

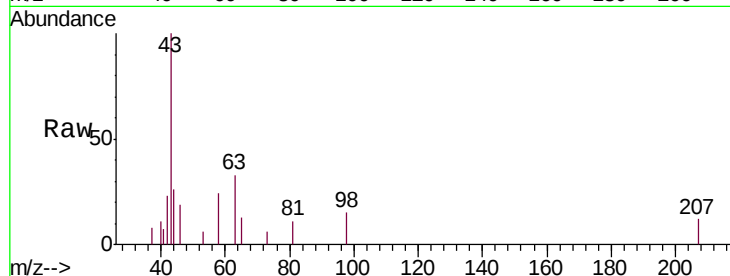
VHBLK01

Tgt Ion: 43 Resp: 2546

Ion Ratio Lower Upper

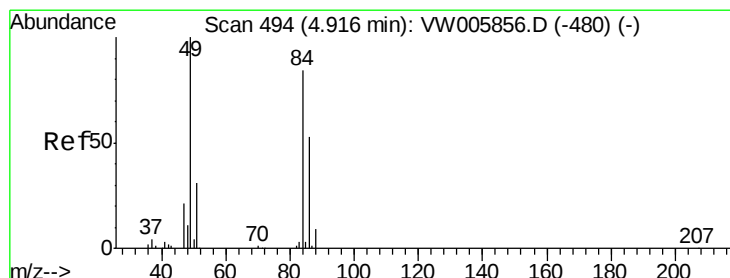
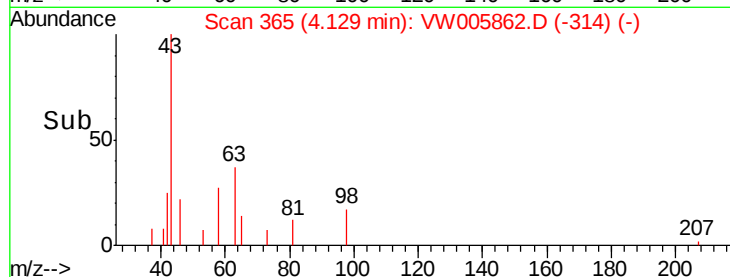
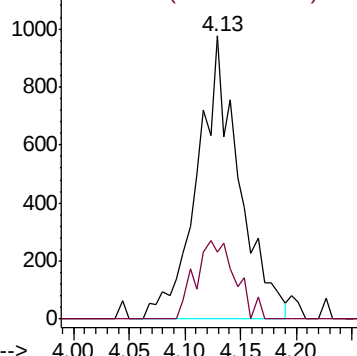
43 100

58 15.4 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.513 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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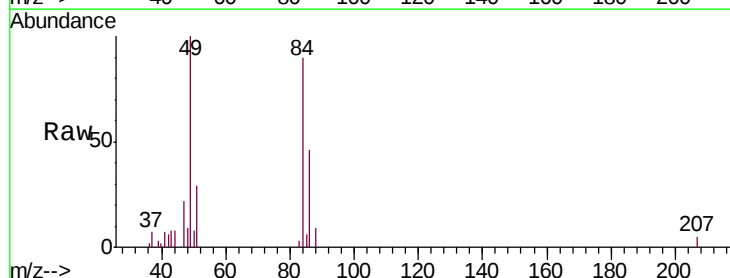
Tgt Ion: 84 Resp: 6999

Ion Ratio Lower Upper

84 100

49 110.7 87.2 162.0

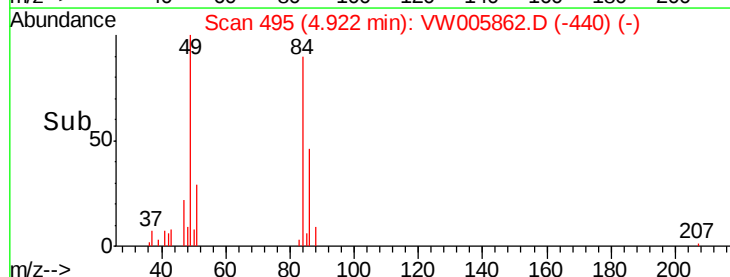
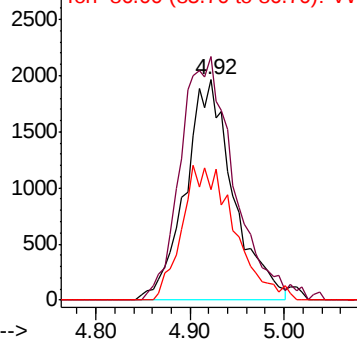
86 50.4 43.2 80.2

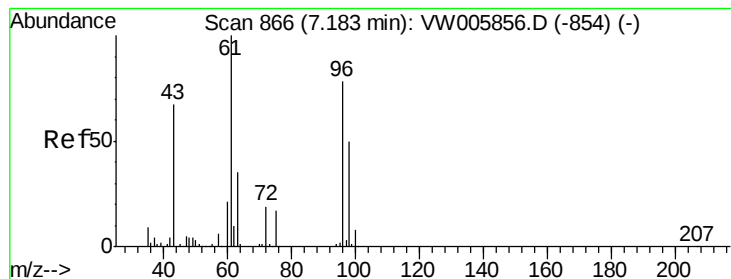


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.291 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

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MSVOA_W

ClientSampleId :

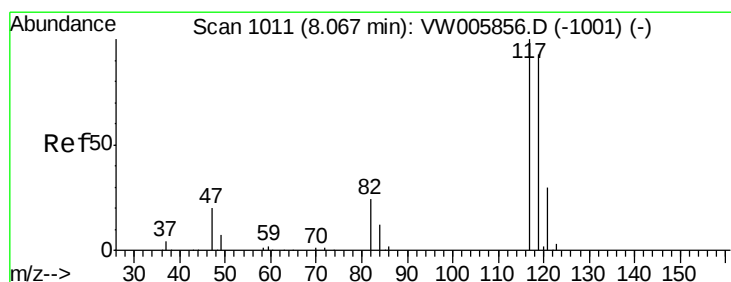
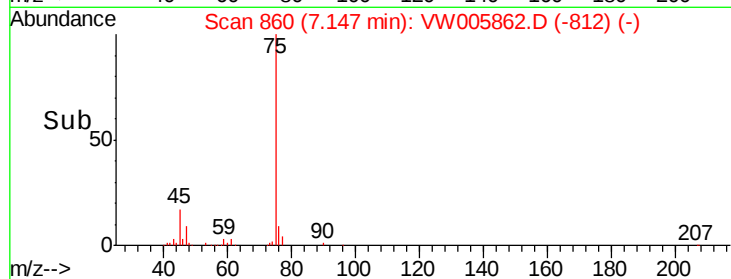
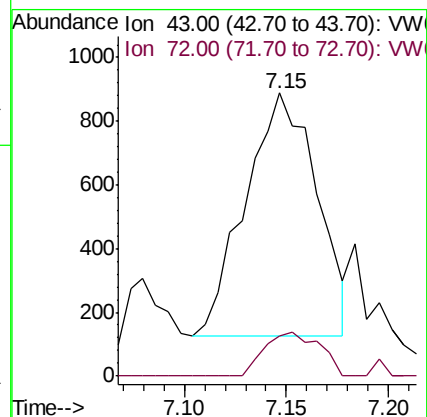
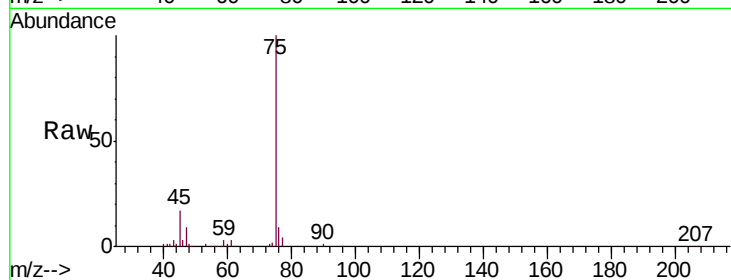
VHBLK01

Tgt Ion: 43 Resp: 1848

Ion Ratio Lower Upper

43 100

72 14.0 13.2 39.6



#32

Carbon tetrachloride

Concen: 0.316 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.19 min

Lab File: VW005862.D

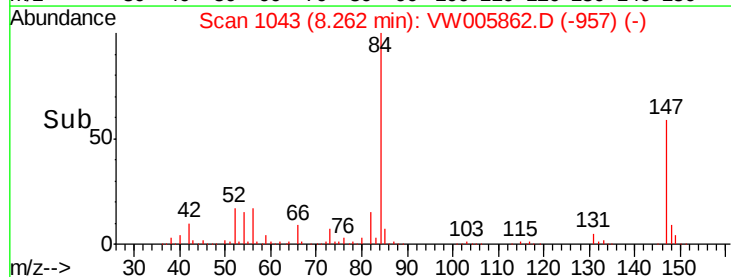
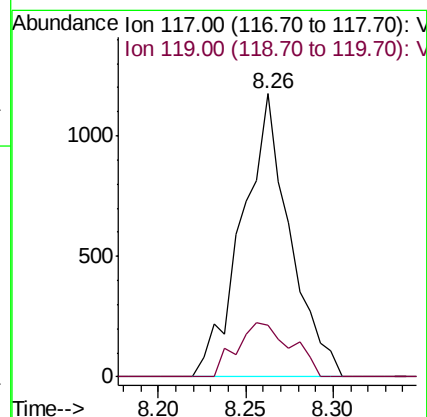
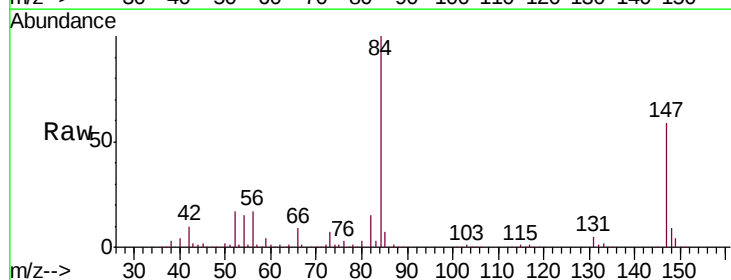
Acq: 04 Oct 2018 18:54

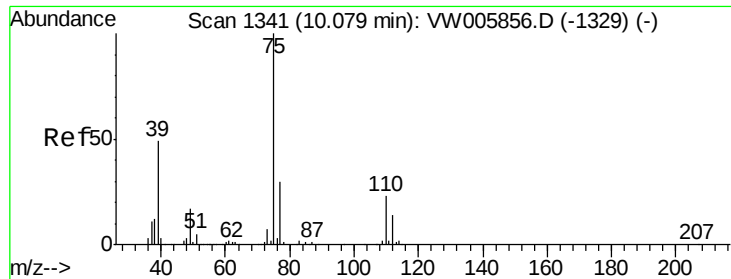
Tgt Ion: 117 Resp: 2237

Ion Ratio Lower Upper

117 100

119 18.0 76.9 115.3#





#42
 cis-1,3-Dichloropropene
 Concen: 0.501 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW005862.D
 Acq: 04 Oct 2018 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 3378
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.3 41.3#

