

Data File : VW009655.D
Acq On : 02 Apr 2019 16:13
Operator : SY/VA
Sample : K2168-04
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF645

Quant Time: Apr 03 04:12:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 04:08:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	463696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119228	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
7) Chloroethane-d5	2.89	69	113089	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
10) 1,1-Dichloroethene-d2	4.01	63	193436	16.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.60%
20) 2-Butanone-d5	7.07	46	84666	36.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.90%
24) Chloroform-d	7.64	84	279091	22.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	8.30	65	166729	21.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.48%
29) Benzene-d6	8.27	84	488099	20.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.32%
33) 1,2-Dichloropropane-d6	9.27	67	158132	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.80%
37) Toluene-d8	10.32	98	424977	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.52%
38) trans-1,3-Dichloropropene-	10.57	79	66148	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.96%
39) 2-Hexanone-d5	10.92	63	57844	33.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132793	18.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	141299	21.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.36%

Target Compounds

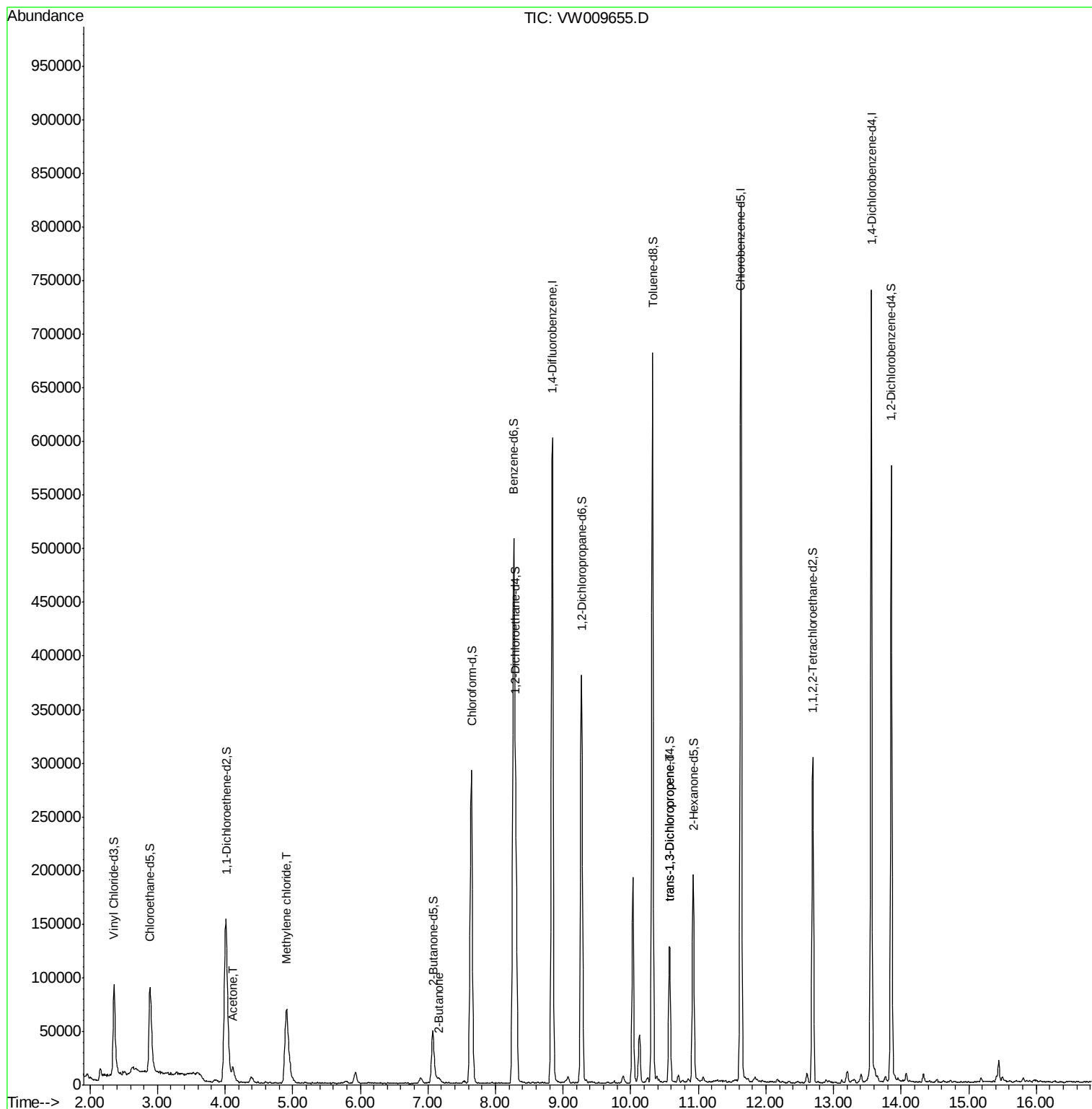
					Qvalue
13) Acetone	4.12	43	20533	10.926 ug/L	99
16) Methylene chloride	4.91	84	59478	8.796 ug/L	95
21) 2-Butanone	7.17	43	4150	1.599 ug/L	80
45) trans-1,3-Dichloropropene	10.58	75	3464	0.405 ug/L #	56

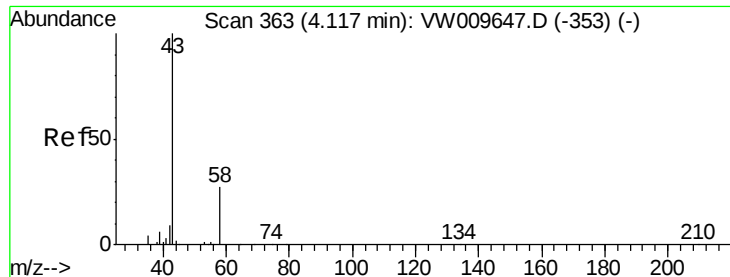
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.926 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

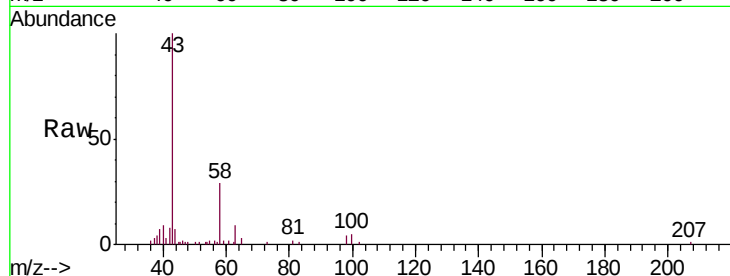
BF645

Tgt Ion: 43 Resp: 20533

Ion Ratio Lower Upper

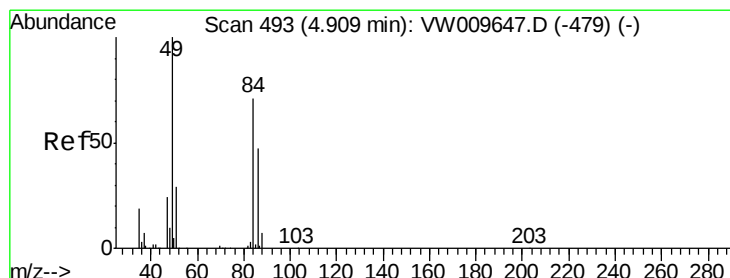
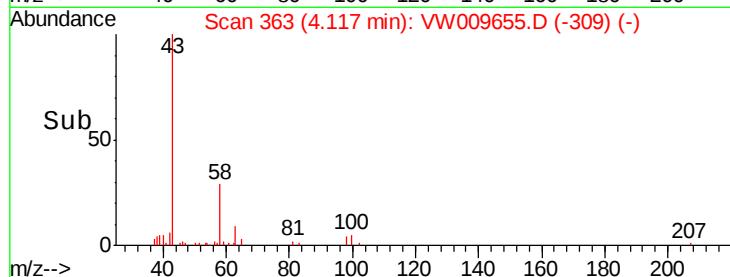
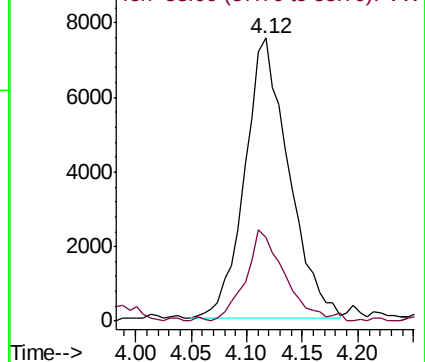
43 100

58 28.6 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 8.796 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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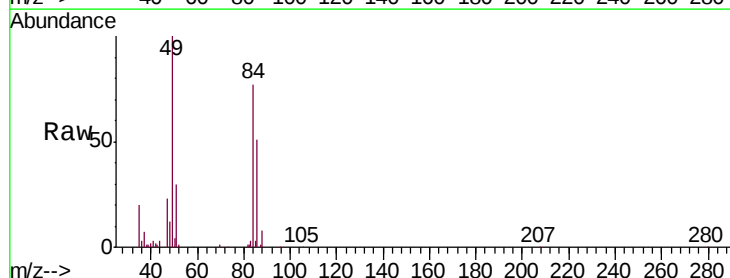
Tgt Ion: 84 Resp: 59478

Ion Ratio Lower Upper

84 100

49 129.7 96.0 178.2

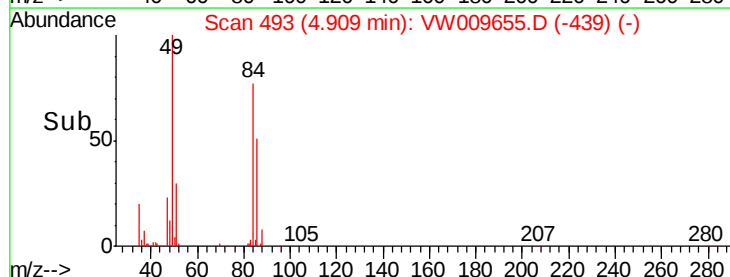
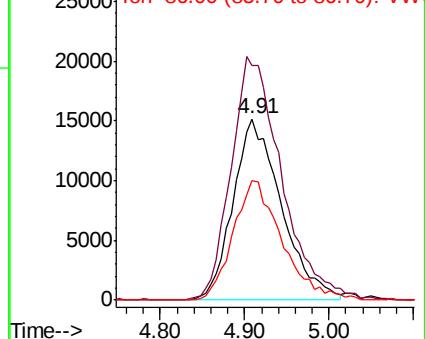
86 65.6 44.4 82.5

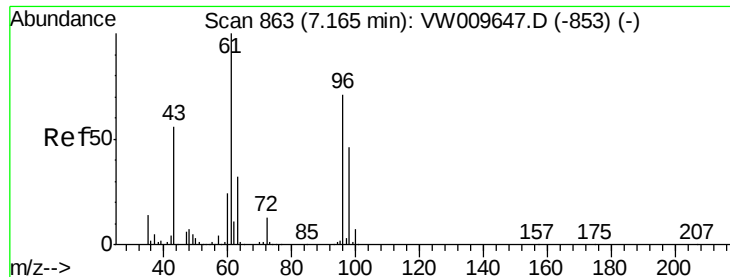


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.599 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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Acq: 02 Apr 2019 16:13

Instrument :

MSVOA_W

ClientSampled :

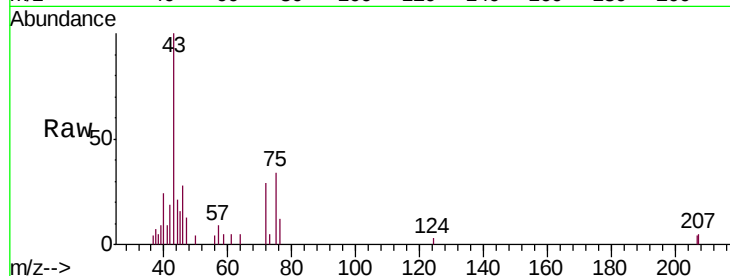
BF645

Tgt Ion: 43 Resp: 4150

Ion Ratio Lower Upper

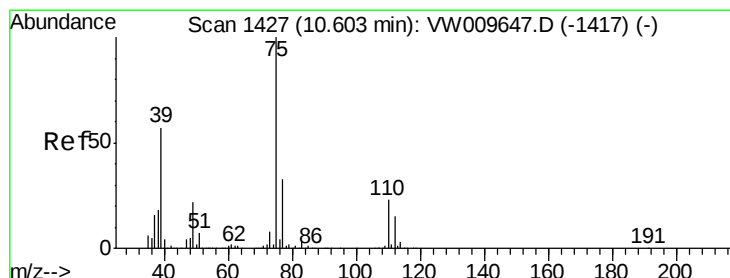
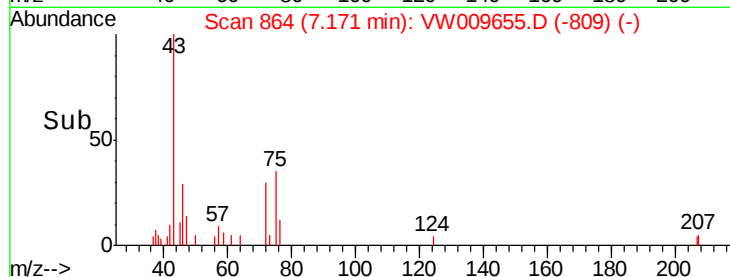
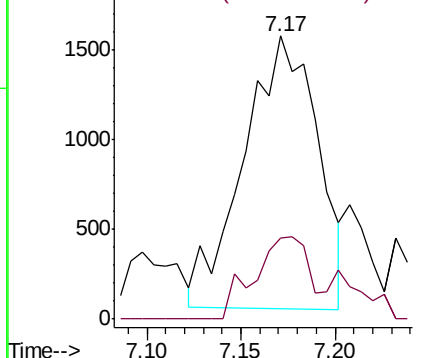
43 100

72 16.1 13.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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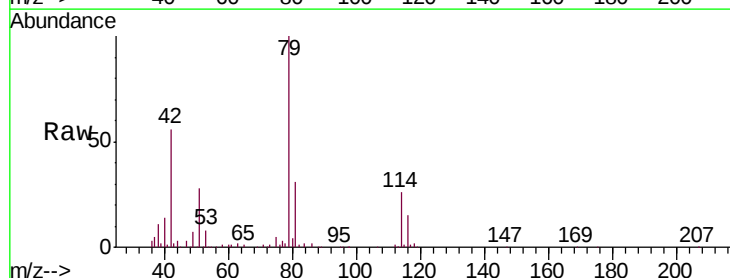
Acq: 02 Apr 2019 16:13

Tgt Ion: 75 Resp: 3464

Ion Ratio Lower Upper

75 100

77 56.9 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

