

Data File : VW014393.D
Acq On : 17 Dec 2019 15:29
Operator : SY/VA
Sample : K6277-07RE
Misc : 3.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C67RE

Quant Time: Dec 18 01:41:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	835097	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	650553	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	202795	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	242715	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
7) Chloroethane-d5	2.89	69	219062	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.01	63	355780	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	7.07	46	191295	58.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.10%
24) Chloroform-d	7.65	84	559357	26.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.24%
26) 1,2-Dichloroethane-d4	8.48	65	140	0.01	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1110503	29.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.52%
33) 1,2-Dichloropropane-d6	9.27	67	376954	32.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.56%#
37) Toluene-d8	10.32	98	893166	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloropropene-	10.57	79	111825	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.88%
39) 2-Hexanone-d5	10.92	63	135999	58.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	272685	28.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	217540	28.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.28%

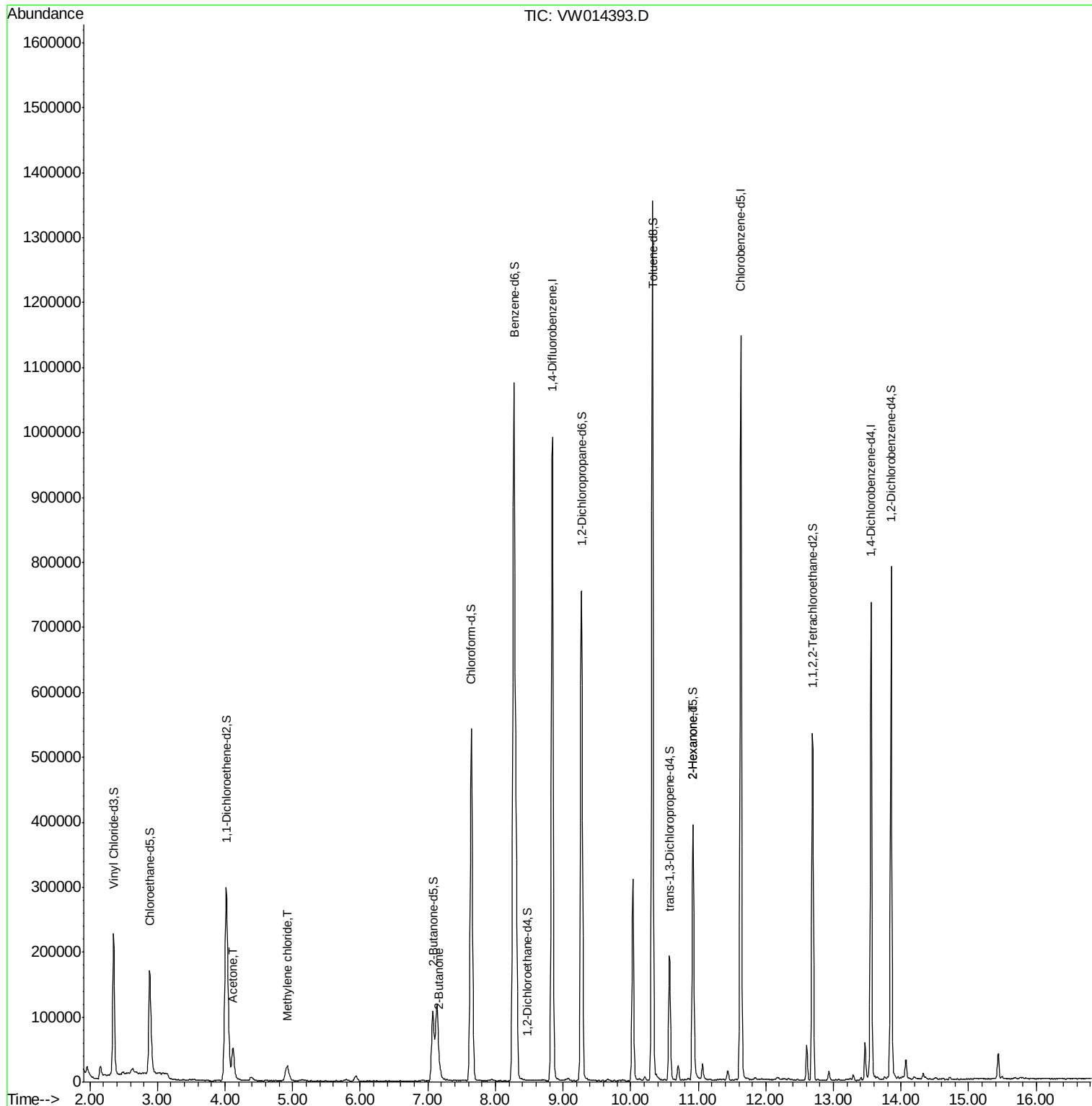
Target Compounds					Qvalue
13) Acetone	4.12	43	84874	26.714	ug/L 100
16) Methylene chloride	4.92	84	20908	1.633	ug/L 94
21) 2-Butanone	7.17	43	25840	6.058	ug/L # 68
49) 2-Hexanone	10.93	43	16063	3.233	ug/L # 70

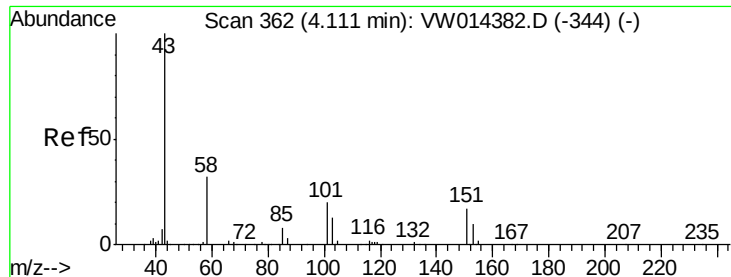
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.714 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

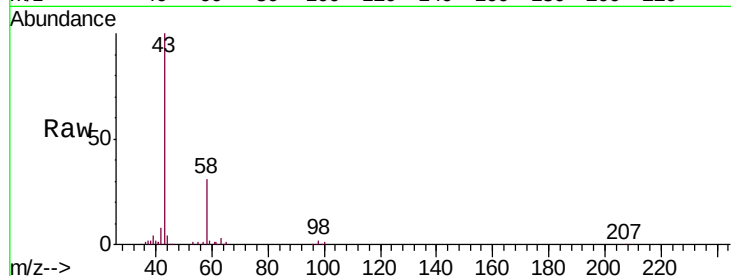
C0C67RE

Tgt Ion: 43 Resp: 84874

Ion Ratio Lower Upper

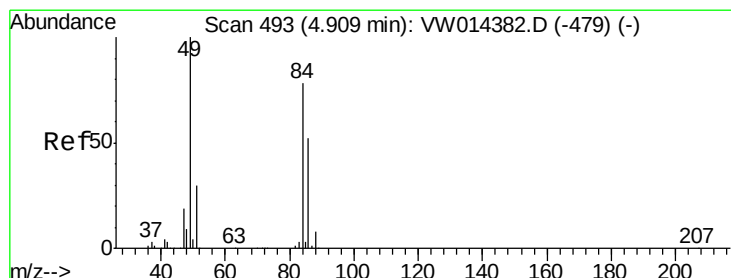
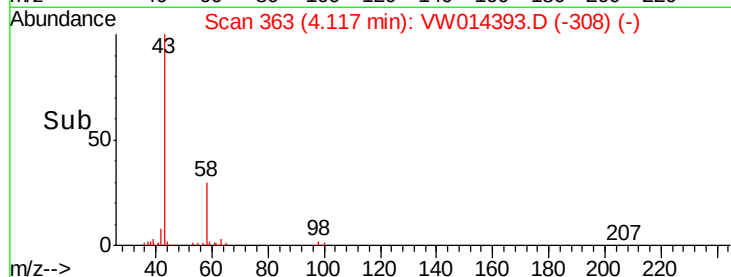
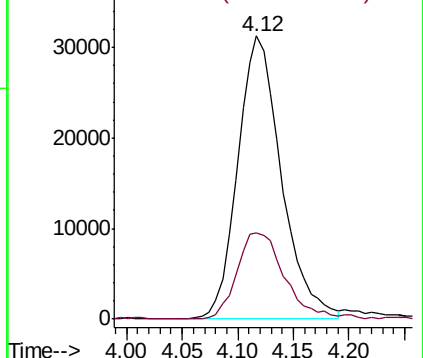
43 100

58 32.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.633 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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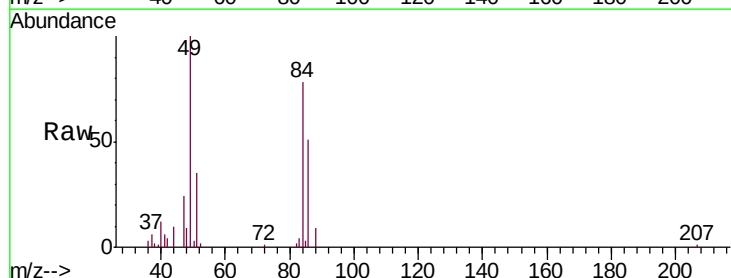
Tgt Ion: 84 Resp: 20908

Ion Ratio Lower Upper

84 100

49 127.9 84.2 156.4

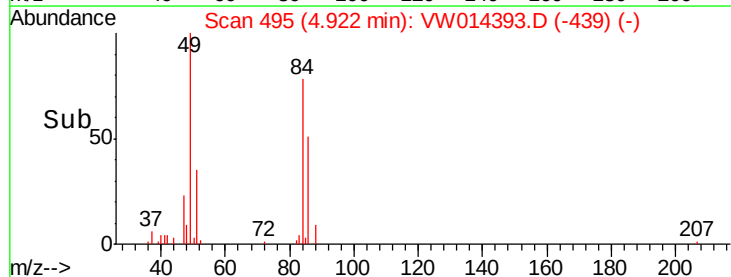
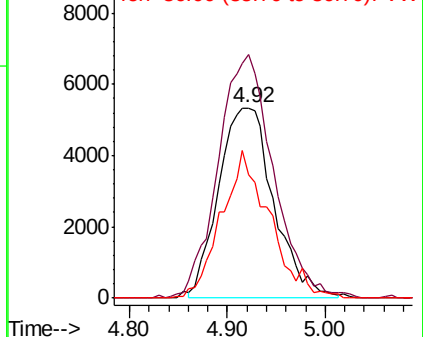
86 65.0 43.7 81.1

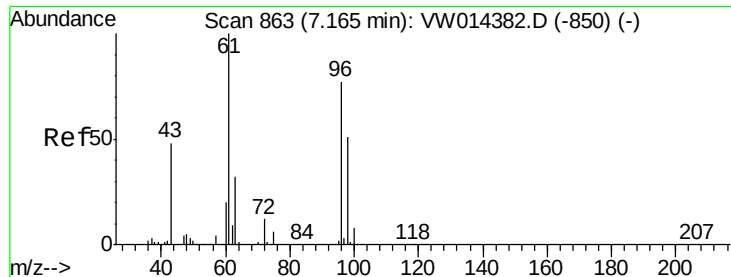


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 6.058 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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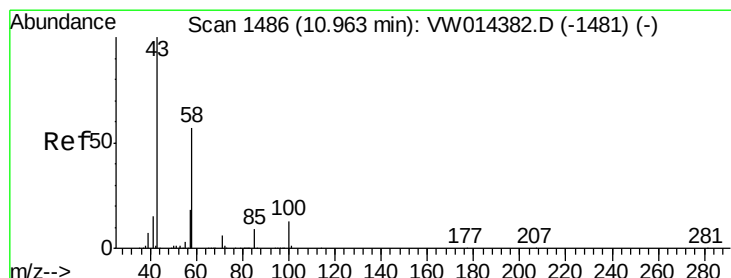
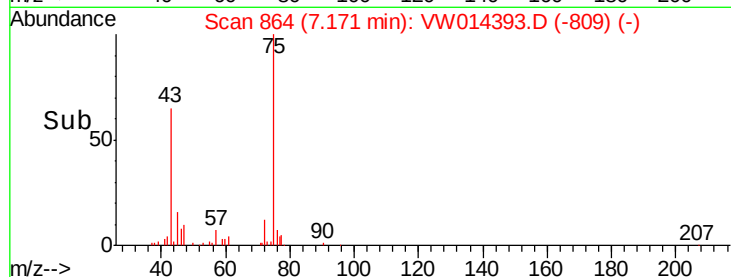
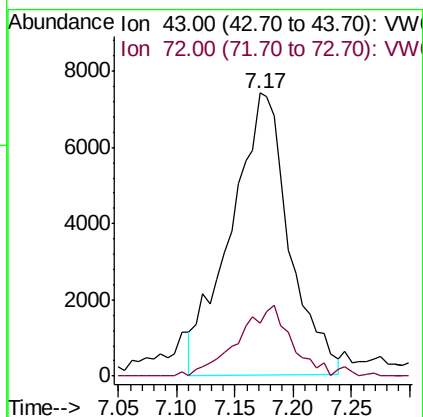
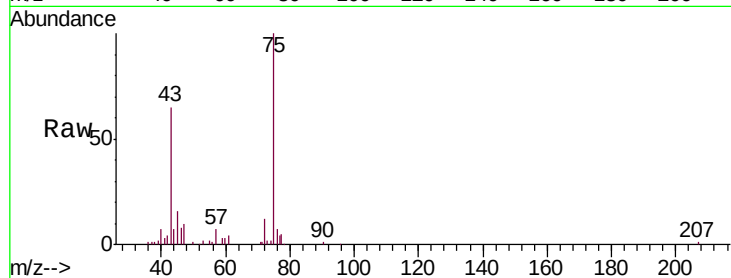
C0C67RE

Tgt Ion: 43 Resp: 25840

Ion Ratio Lower Upper

43 100

72 11.0 14.1 42.2#



#49

2-Hexanone

Concen: 3.233 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 16063

Ion Ratio Lower Upper

43 100

58 31.7 44.4 66.6#

57 33.4 16.5 24.7#

100 4.2 11.1 16.7#

