

Data File : VW014417.D
Acq On : 18 Dec 2019 02:39
Operator : SY/VA
Sample : K6257-05
Misc : 5.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW5

Quant Time: Dec 18 03:36:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	934759	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	817294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	261130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	281271	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	2.89	69	243805	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.68%
10) 1,1-Dichloroethene-d2	4.02	63	401314	16.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.20%
20) 2-Butanone-d5	7.07	46	160071	43.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.80%
24) Chloroform-d	7.64	84	633251	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.30	65	343351	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.08%
29) Benzene-d6	8.27	84	1244931	25.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.96%
33) 1,2-Dichloropropane-d6	9.27	67	413583	28.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.24%
37) Toluene-d8	10.32	98	1044175	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	138632	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
39) 2-Hexanone-d5	10.92	63	128090	43.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	301141	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	270017	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

Target Compounds

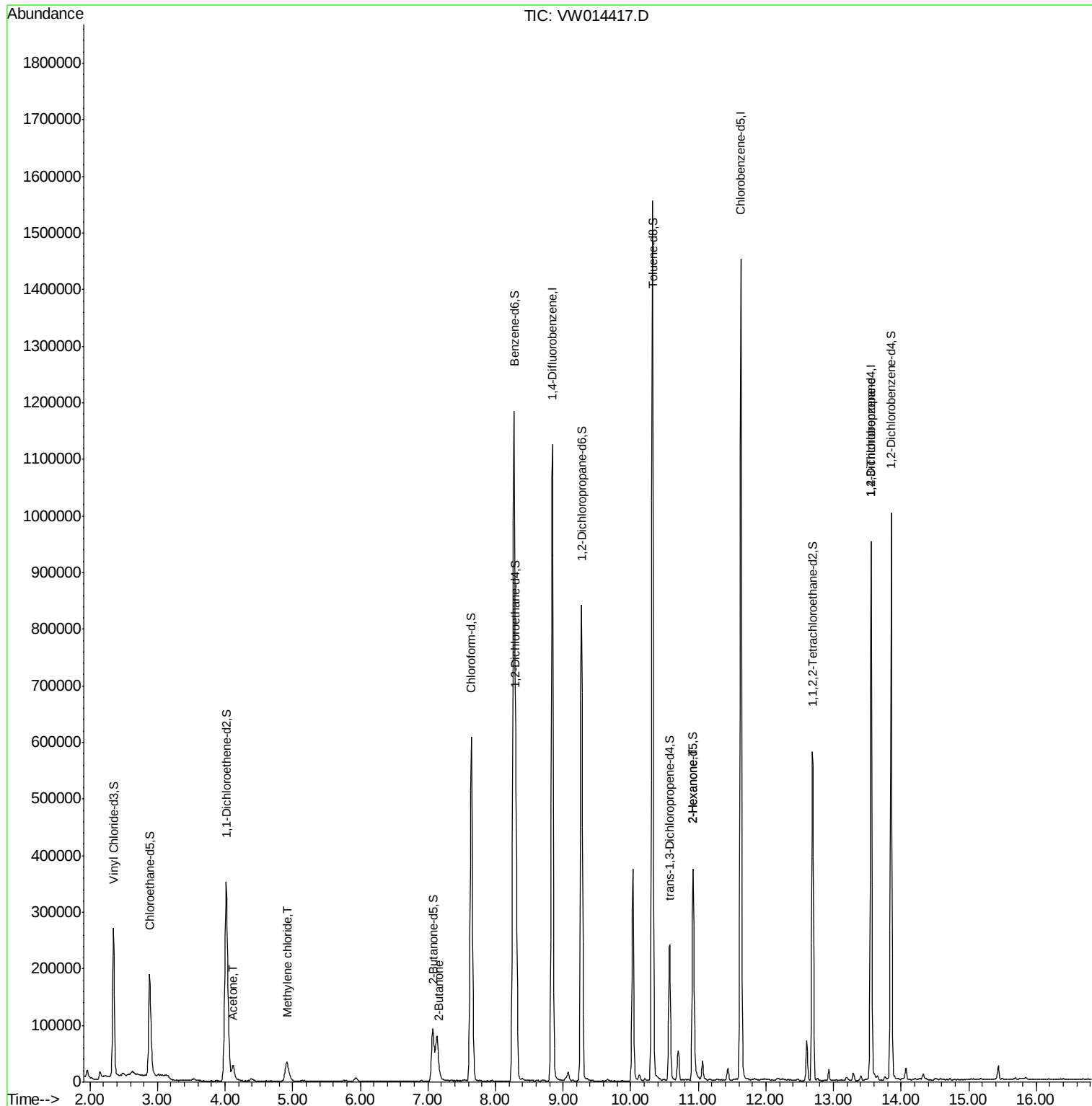
					Qvalue
13) Acetone	4.12	43	44913	12.629 ug/L	98
16) Methylene chloride	4.92	84	31045	2.166 ug/L	90
21) 2-Butanone	7.17	43	10795	2.261 ug/L	86
49) 2-Hexanone	10.93	43	24996	4.005 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	30314	3.299 ug/L	93

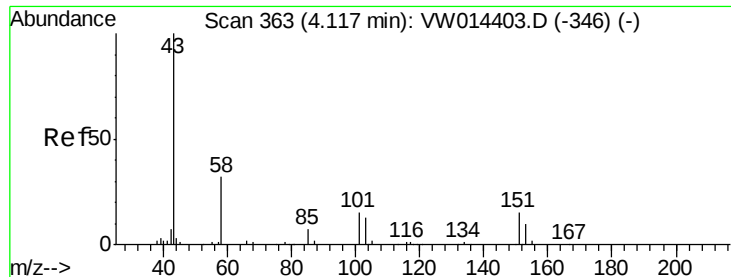
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.629 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

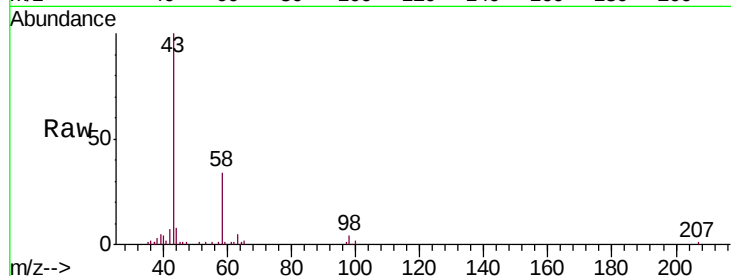
BFEW5

Tgt Ion: 43 Resp: 44913

Ion Ratio Lower Upper

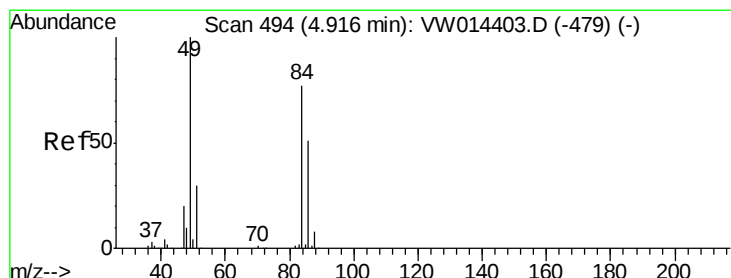
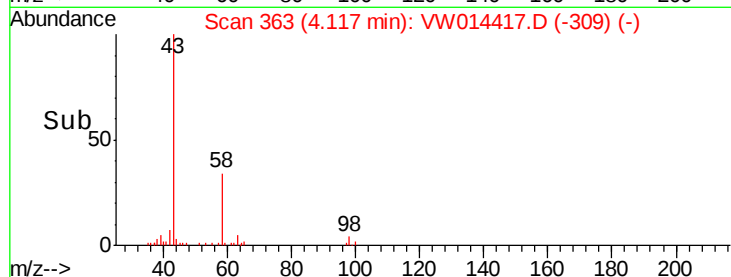
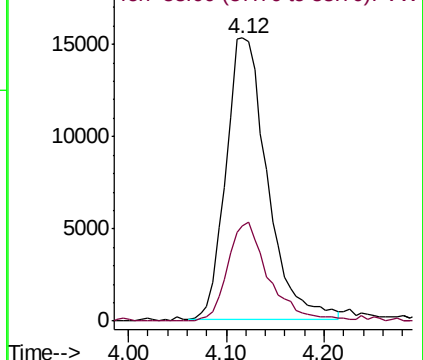
43 100

58 34.0 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: 2.166 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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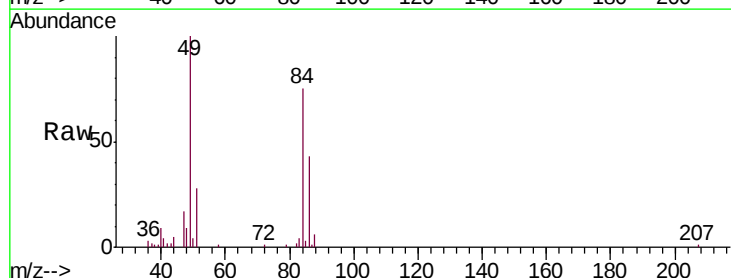
Tgt Ion: 84 Resp: 31045

Ion Ratio Lower Upper

84 100

49 133.9 84.2 156.4

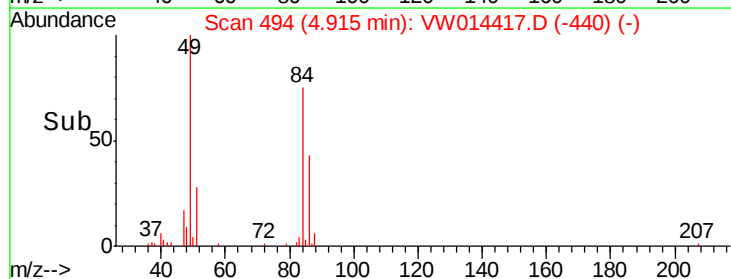
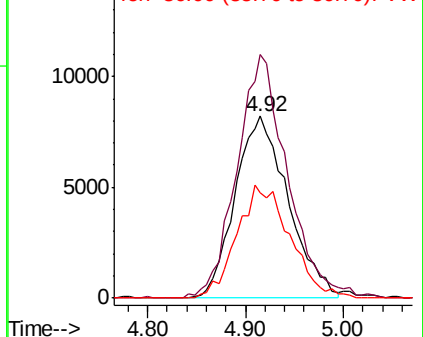
86 58.0 43.7 81.1

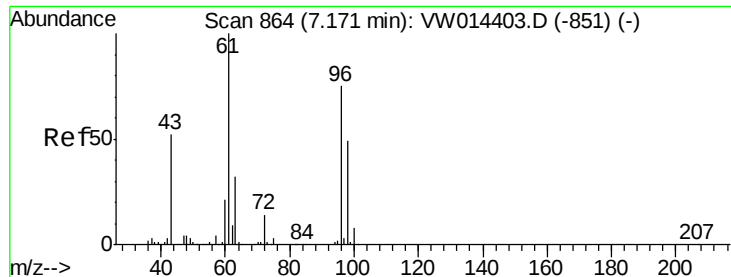


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.261 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

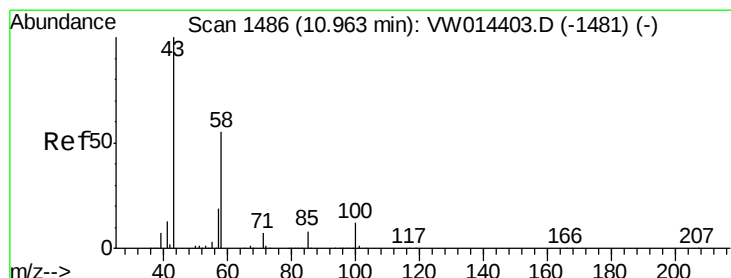
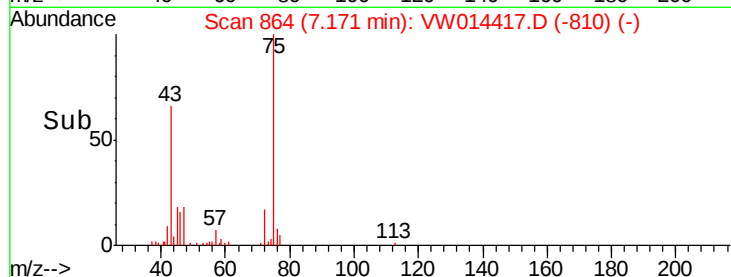
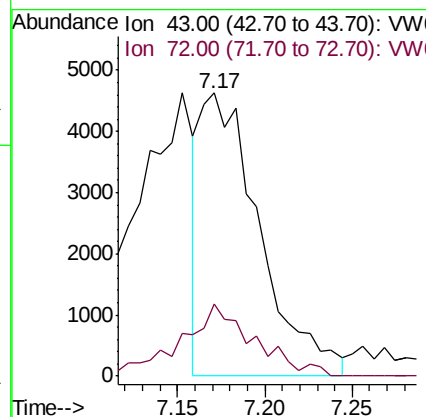
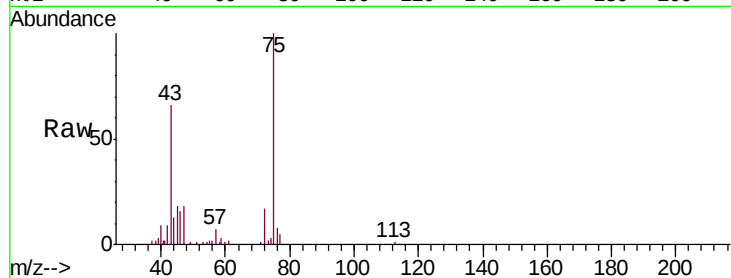
BFEW5

Tgt Ion: 43 Resp: 10795

Ion Ratio Lower Upper

43 100

72 20.7 14.1 42.2



#49

2-Hexanone

Concen: 4.005 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014417.D

Acq: 18 Dec 2019 02:39

Tgt Ion: 43 Resp: 24996

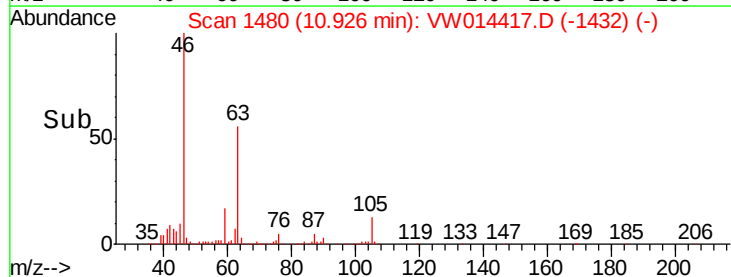
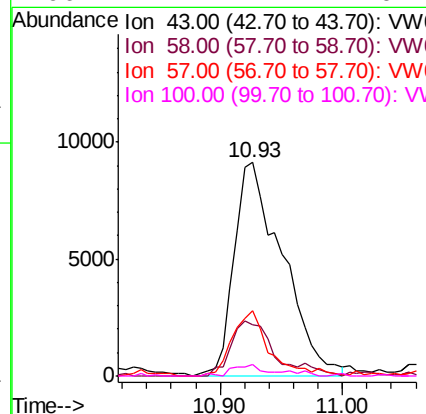
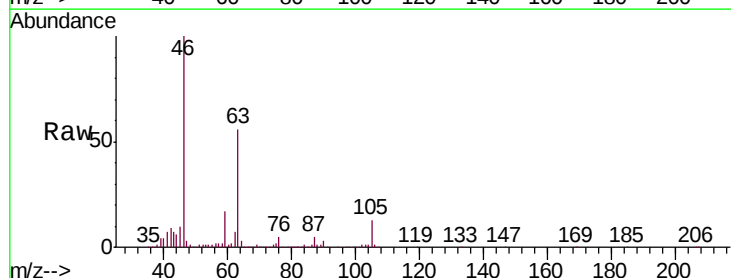
Ion Ratio Lower Upper

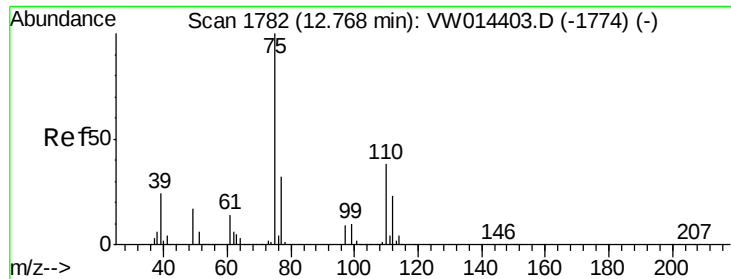
43 100

58 21.0 44.4 66.6#

57 22.7 16.5 24.7

100 1.2 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 3.299 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014417.D

Acq: 18 Dec 2019 02:39

Instrument :

MSVOA_W

ClientSampleId :

BFEW5

Tgt Ion: 75 Resp: 30314

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9

