

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009899.D
 Acq On : 11 Apr 2019 00:16
 Operator : SY/VA
 Sample : K2254-09
 Misc : 4.88G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC30RE

Quant Time: Apr 11 03:49:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251997	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84670	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85473	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.64%
7) Chloroethane-d5	2.89	69	85300	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	4.14	63	492	0.06	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.24%#
20) 2-Butanone-d5	7.07	46	102524	77.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.52%#
24) Chloroform-d	7.65	84	251004	29.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	8.30	65	155358	29.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.76%
29) Benzene-d6	8.27	84	431090	32.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.36%
33) 1,2-Dichloropropane-d6	9.27	67	144906	35.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.84%#
37) Toluene-d8	10.32	98	321404	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.12%
38) trans-1,3-Dichloropropene-	10.58	79	41823	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.93	63	57262	74.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.70%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121396	31.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	83653	28.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.64%

Target Compounds

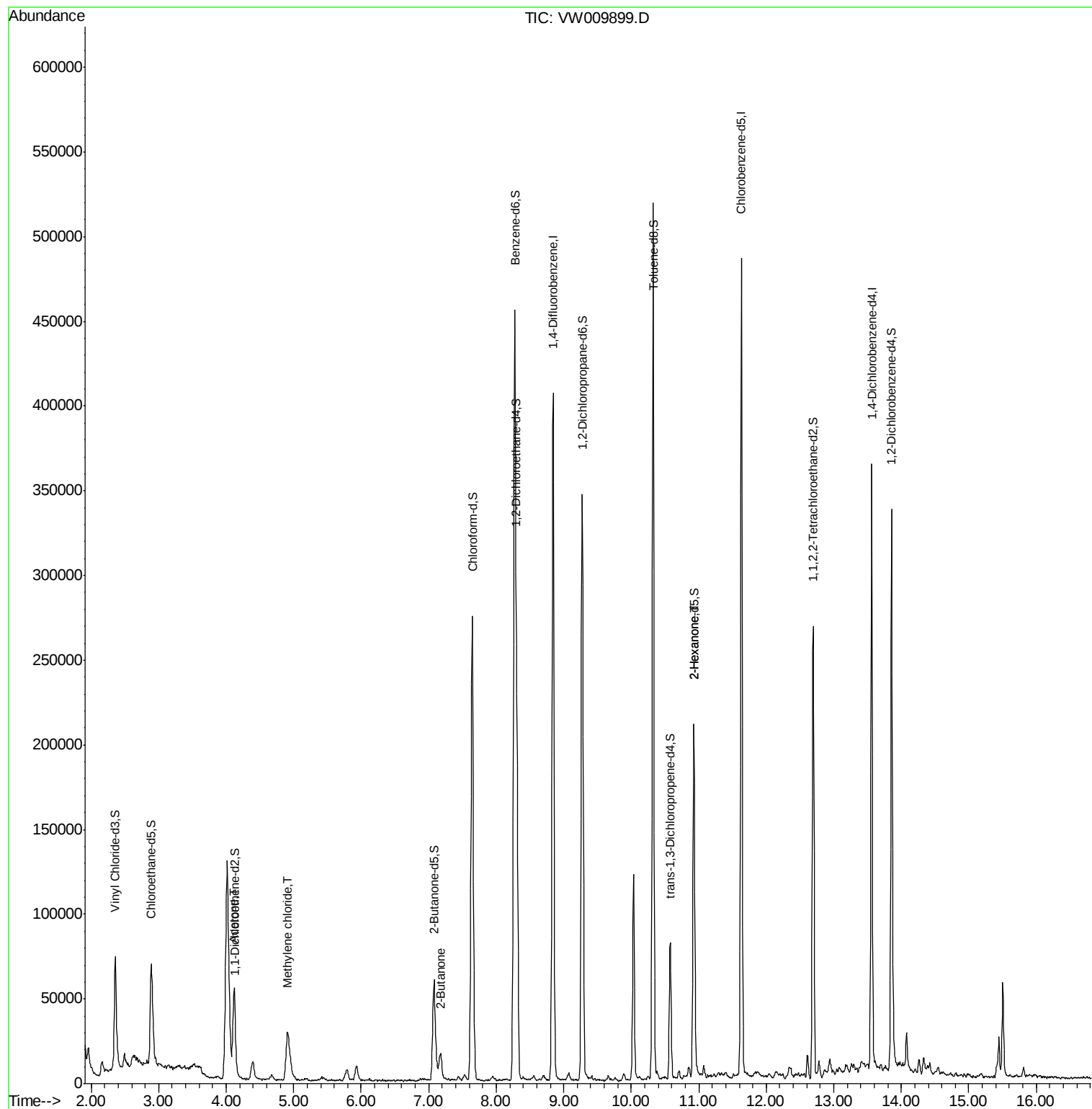
					Qvalue
13) Acetone	4.12	43	91622	64.438 ug/L	100
16) Methylene chloride	4.91	84	24668	4.478 ug/L	97
21) 2-Butanone	7.18	43	22908	12.668 ug/L	97
49) 2-Hexanone	10.93	43	9607	4.280 ug/L #	83

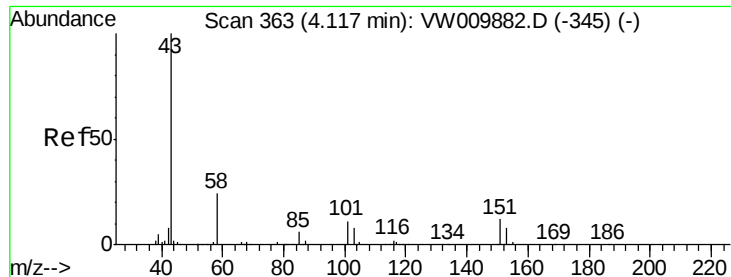
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 64.438 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 11 Apr 2019 00:16

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MSVOA_W

ClientSampleId :

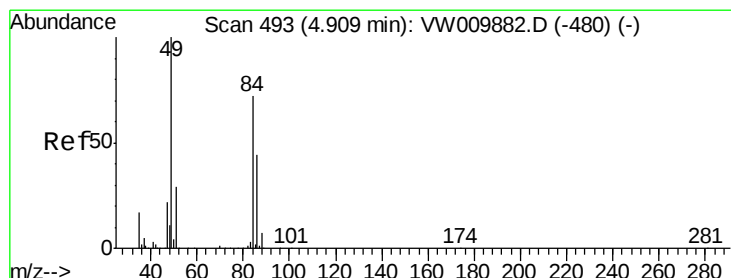
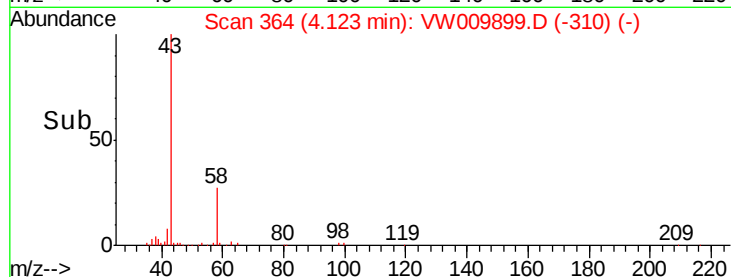
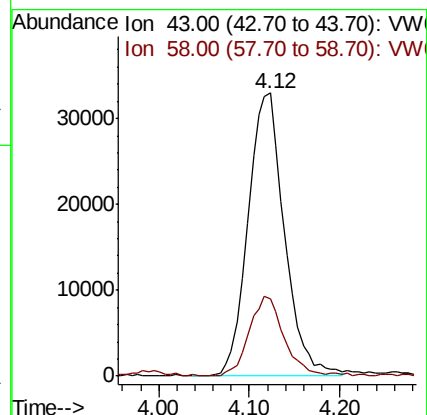
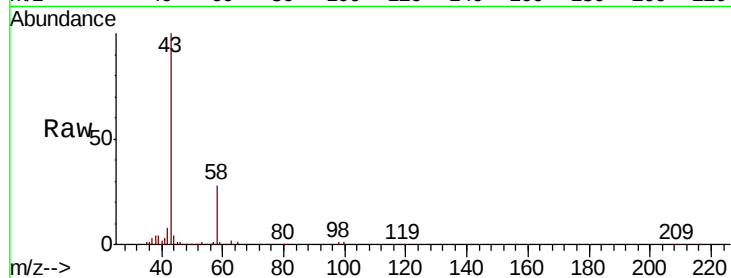
BFC30RE

Tgt Ion: 43 Resp: 91622

Ion Ratio Lower Upper

43 100

58 26.6 0.0 53.0



#16

Methylene chloride

Concen: 4.478 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009899.D

Acq: 11 Apr 2019 00:16

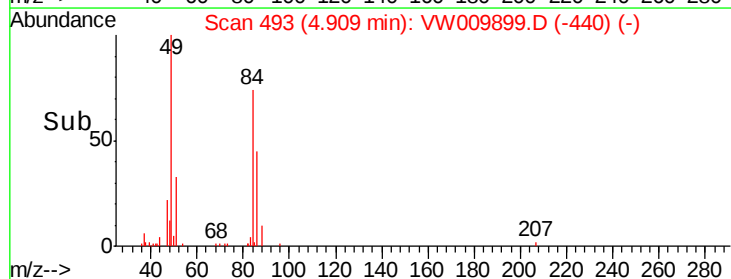
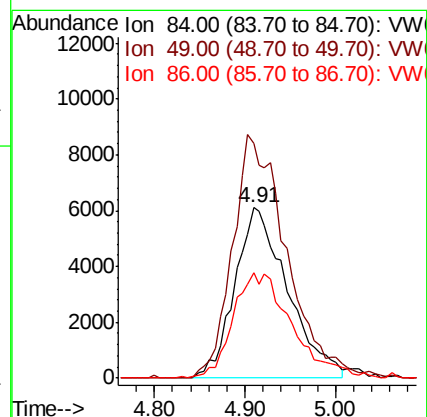
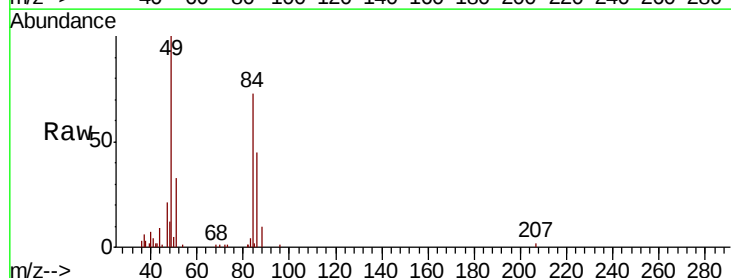
Tgt Ion: 84 Resp: 24668

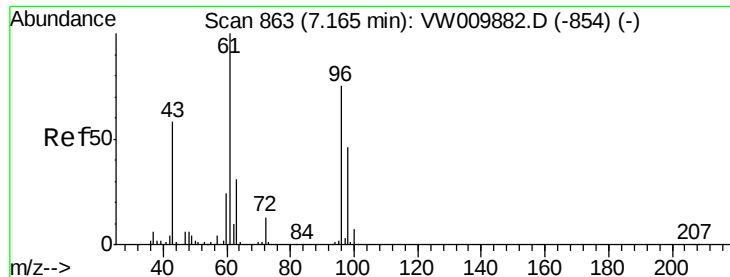
Ion Ratio Lower Upper

84 100

49 137.7 98.3 182.5

86 61.8 46.4 86.2





#21

2-Butanone

Concen: 12.668 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

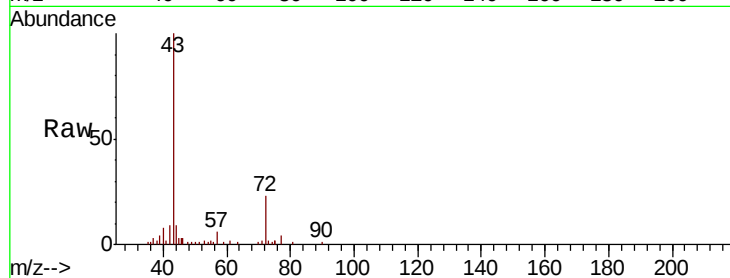
BFC30RE

Tgt Ion: 43 Resp: 22908

Ion Ratio Lower Upper

43 100

72 22.7 12.0 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

10000

8000

6000

4000

2000

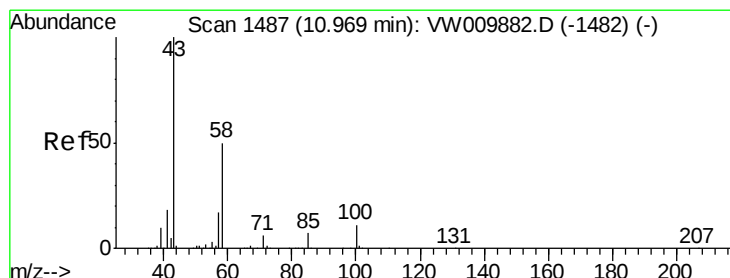
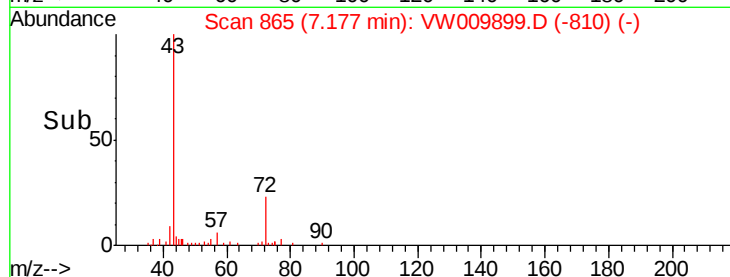
0

Time-->

7.10

7.20

7.30



#49

2-Hexanone

Concen: 4.280 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009899.D

Acq: 11 Apr 2019 00:16

Tgt Ion: 43 Resp: 9607

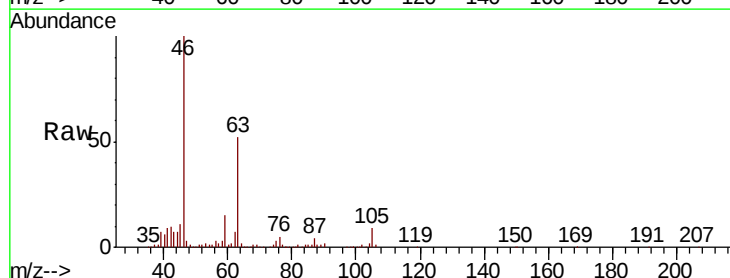
Ion Ratio Lower Upper

43 100

58 42.3 38.9 58.3

57 0.0 13.8 20.6#

100 3.5 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

8000

6000

4000

2000

0

Time-->

10.85

10.90

10.95

