

Data File : VW005388.D
Acq On : 14 Sep 2018 15:39
Operator : SY/AP
Sample : J4865-17
Misc : 5.35G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3P5

Quant Time: Sep 14 23:17:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	259402	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	218756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	71049	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73103	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.68%
7) Chloroethane-d5	2.89	69	59606	28.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.64%
10) 1,1-Dichloroethene-d2	4.03	63	98354	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.60%
20) 2-Butanone-d5	7.09	46	41522	36.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.64%
24) Chloroform-d	7.66	84	140223	28.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.92%
26) 1,2-Dichloroethane-d4	8.31	65	89529	28.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.72%
29) Benzene-d6	8.28	84	272256	31.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.00%
33) 1,2-Dichloropropane-d6	9.28	67	83440	33.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.12%#
37) Toluene-d8	10.33	98	253568	28.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.00%
38) trans-1,3-Dichloropropene-	10.59	79	35056	27.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.80%
39) 2-Hexanone-d5	10.93	63	32112	41.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	57381	21.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	50896	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds

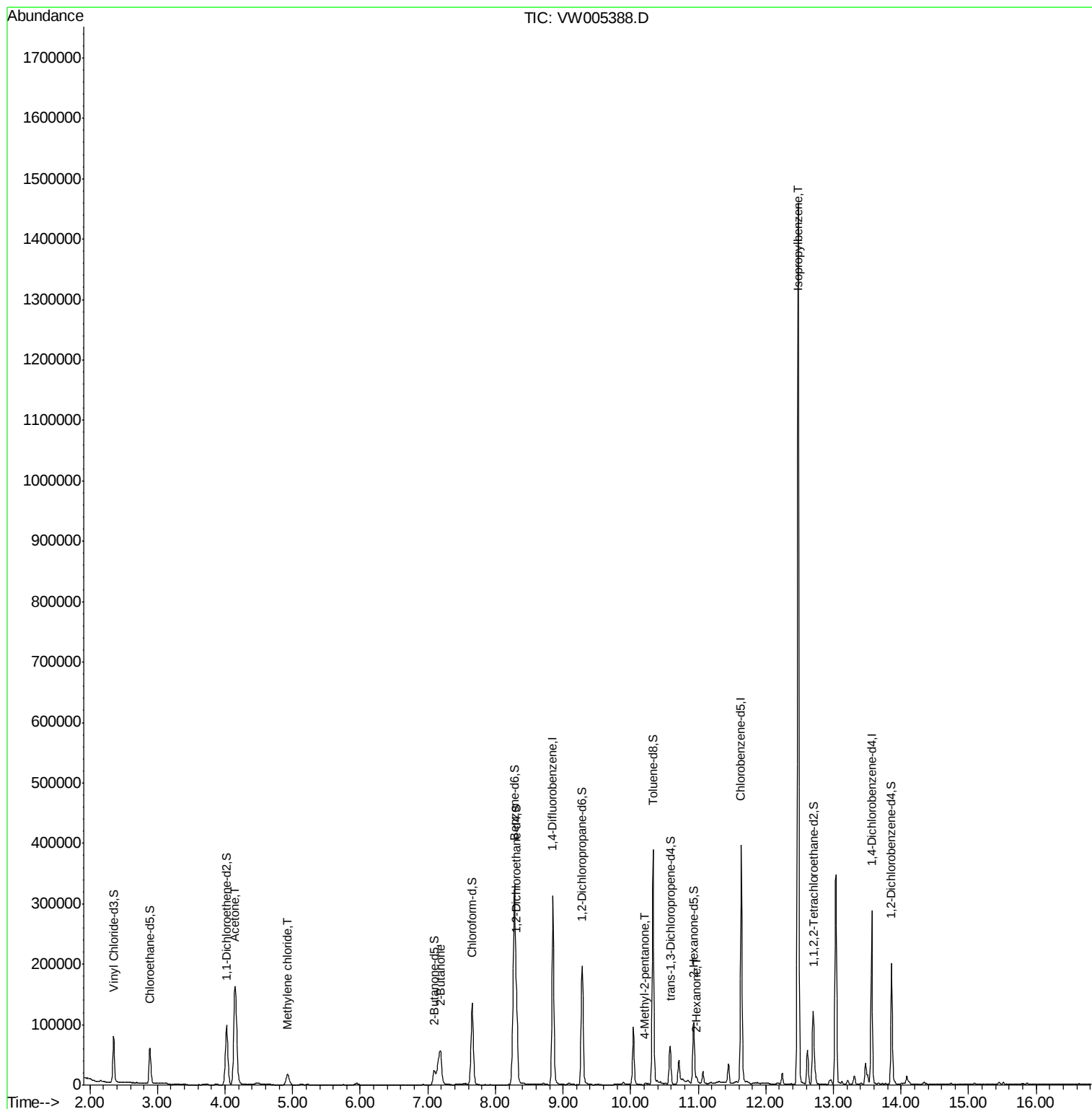
					Qvalue
13) Acetone	4.15	43	329484	311.229 ug/L	99
16) Methylene chloride	4.93	84	13401	2.720 ug/L	97
21) 2-Butanone	7.19	43	82949	51.127 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	1683	0.585 ug/L	91
49) 2-Hexanone	10.98	43	4754	2.248 ug/L	96
57) Isopropylbenzene	12.48	105	62729	3.955 ug/L #	1

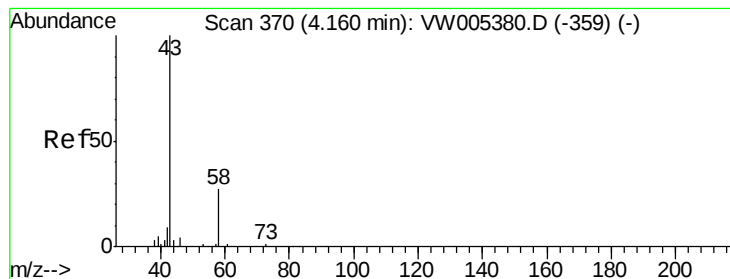
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 311.229 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

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Acq: 14 Sep 2018 15:39

Instrument :

MSVOA_W

ClientSampleId :

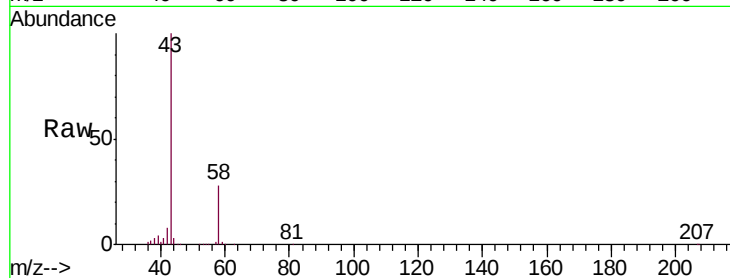
DB3P5

Tgt Ion: 43 Resp: 329484

Ion Ratio Lower Upper

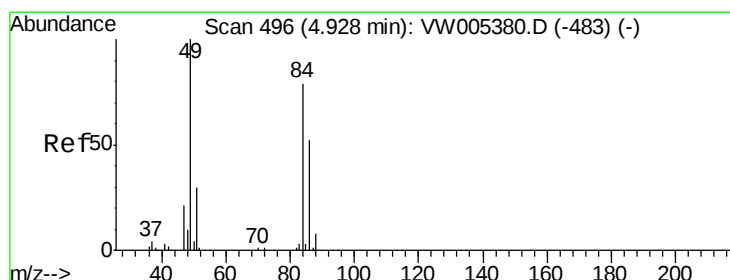
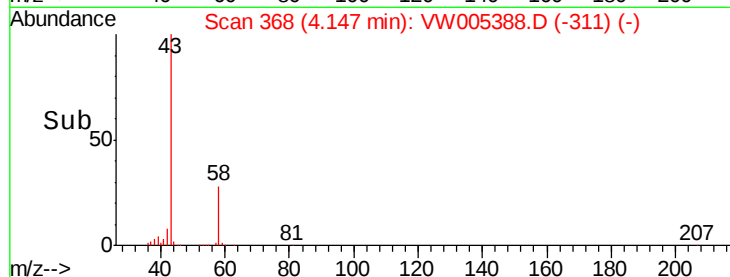
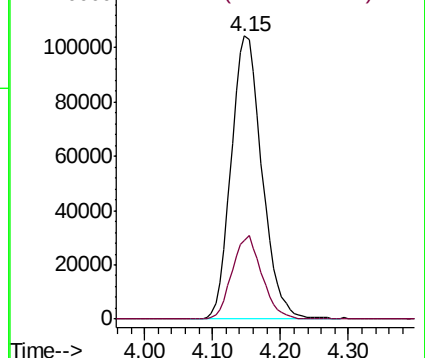
43 100

58 28.4 0.0 57.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.720 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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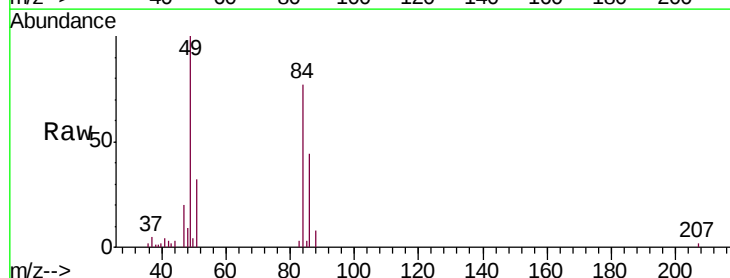
Tgt Ion: 84 Resp: 13401

Ion Ratio Lower Upper

84 100

49 129.3 90.9 168.7

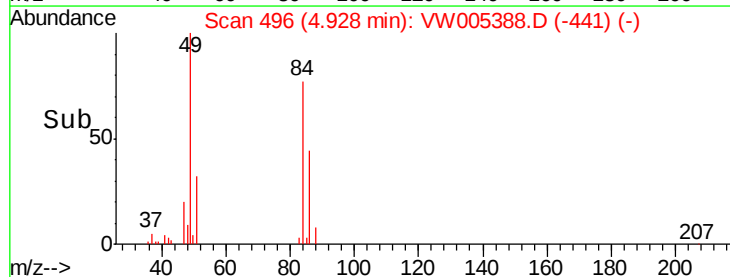
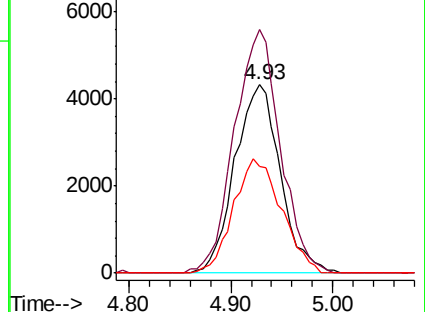
86 56.4 43.6 81.0

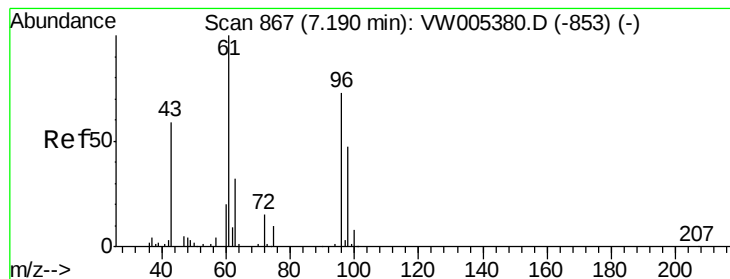


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 51.127 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

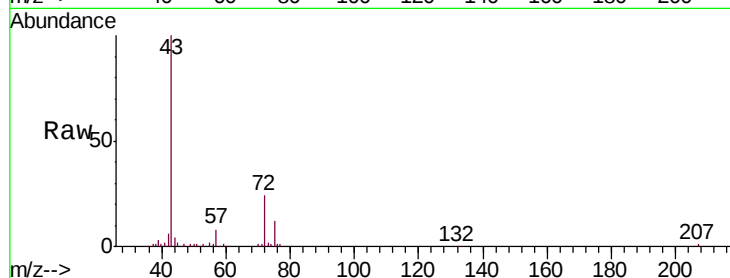
DB3P5

Tgt Ion: 43 Resp: 82949

Ion Ratio Lower Upper

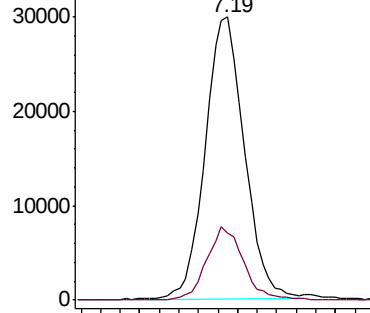
43 100

72 24.7 11.8 35.4

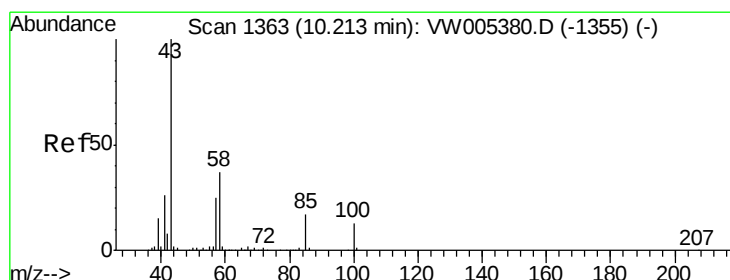
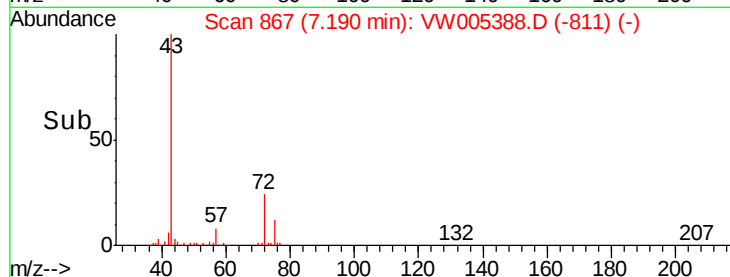


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#43

4-Methyl-2-pentanone

Concen: 0.585 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

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Acq: 14 Sep 2018 15:39

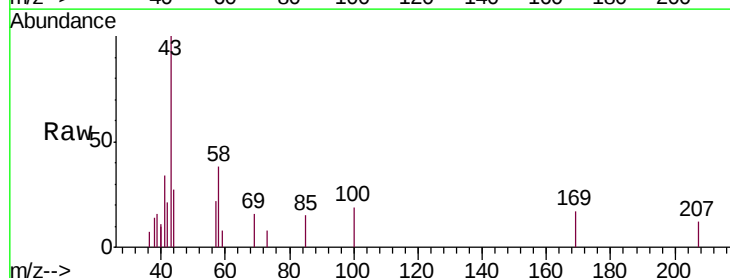
Tgt Ion: 43 Resp: 1683

Ion Ratio Lower Upper

43 100

58 43.9 29.8 44.8

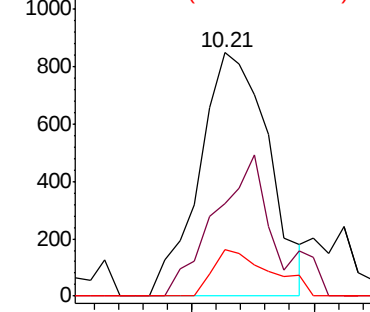
100 15.7 11.4 17.0



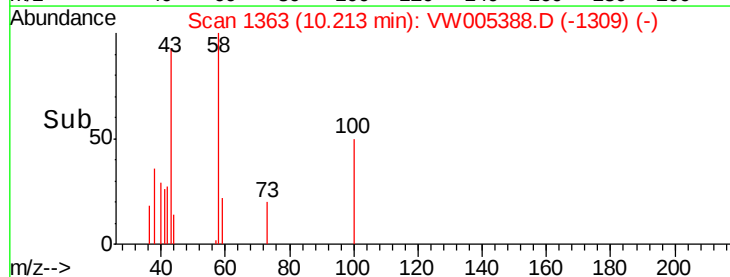
Abundance Ion 43.00 (42.70 to 43.70): VW

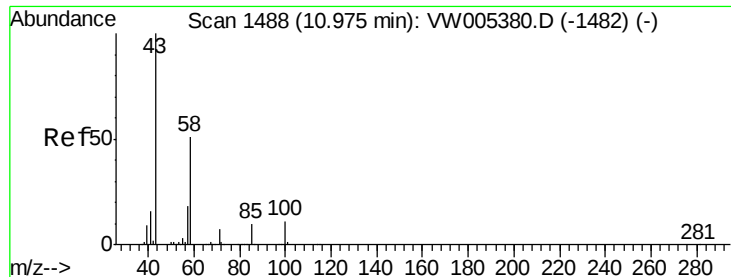
Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->

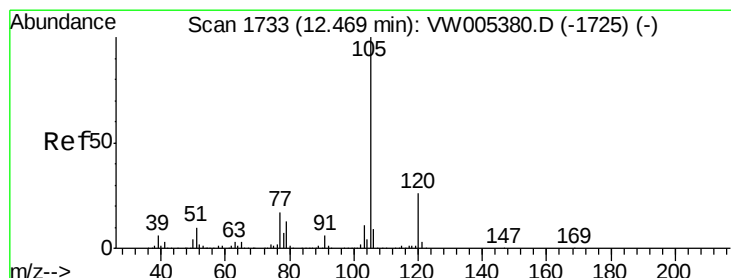
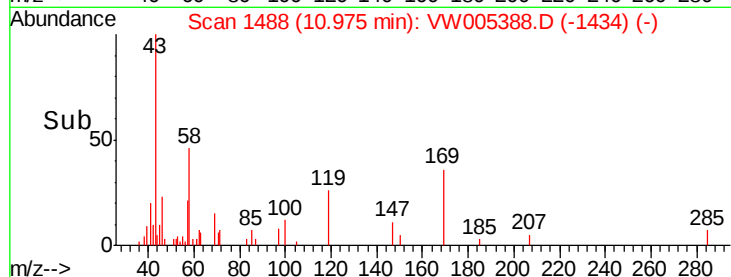
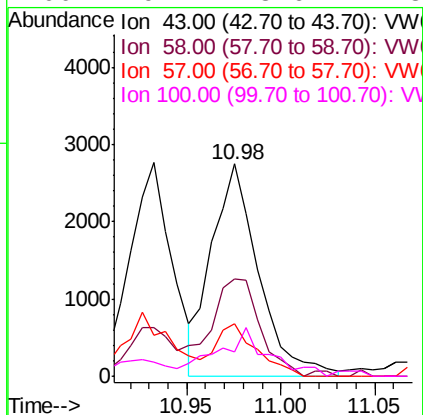
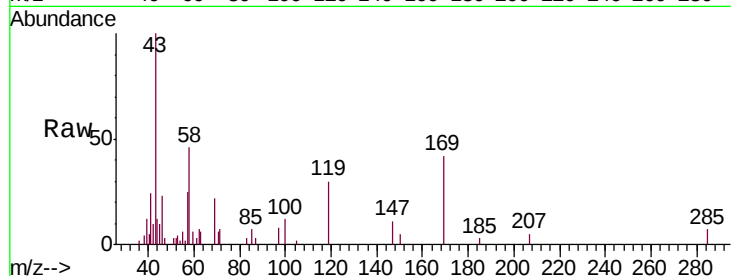




#49
2-Hexanone
Concen: 2.248 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005388.D
Acq: 14 Sep 2018 15:39

Instrument :
MSVOA_W
ClientSampleId :
DB3P5

Tgt Ion:	43	Resp:	4754
Ion	Ratio	Lower	Upper
43	100		
58	49.4	41.6	62.4
57	21.3	15.0	22.6
100	9.1	8.6	12.8



#57
Isopropylbenzene
Concen: 3.955 ug/L
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW005388.D
Acq: 14 Sep 2018 15:39

Tgt Ion:	105	Resp:	62729
Ion	Ratio	Lower	Upper
105	100		
120	7.7	20.3	30.5#
77	274.3	12.9	19.3#

