

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004379.D
 Acq On : 01 Aug 2018 16:12
 Operator : SY/AP
 Sample : J4209-02
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB7

Quant Time: Aug 02 03:57:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 03:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	297614	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	89798	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	83786	36.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	144.52%
7) Chloroethane-d5	2.89	69	66359	28.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.88%
10) 1,1-Dichloroethene-d2	4.01	63	150428	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.88%
20) 2-Butanone-d5	7.09	46	12300	8.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.10%#
24) Chloroform-d	7.65	84	201515	27.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.56%
26) 1,2-Dichloroethane-d4	8.31	65	124513	30.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.88%
29) Benzene-d6	8.27	84	386840	28.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.48%
33) 1,2-Dichloropropane-d6	9.28	67	131554	31.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.80%#
37) Toluene-d8	10.33	98	330347	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.20%
38) trans-1,3-Dichloropropene-	10.59	79	26187	13.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.24%
39) 2-Hexanone-d5	10.93	63	9881	9.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.54%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	100162	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.40%
61) 1,2-Dichlorobenzene-d4	13.87	152	92331	26.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.60%

Target Compounds

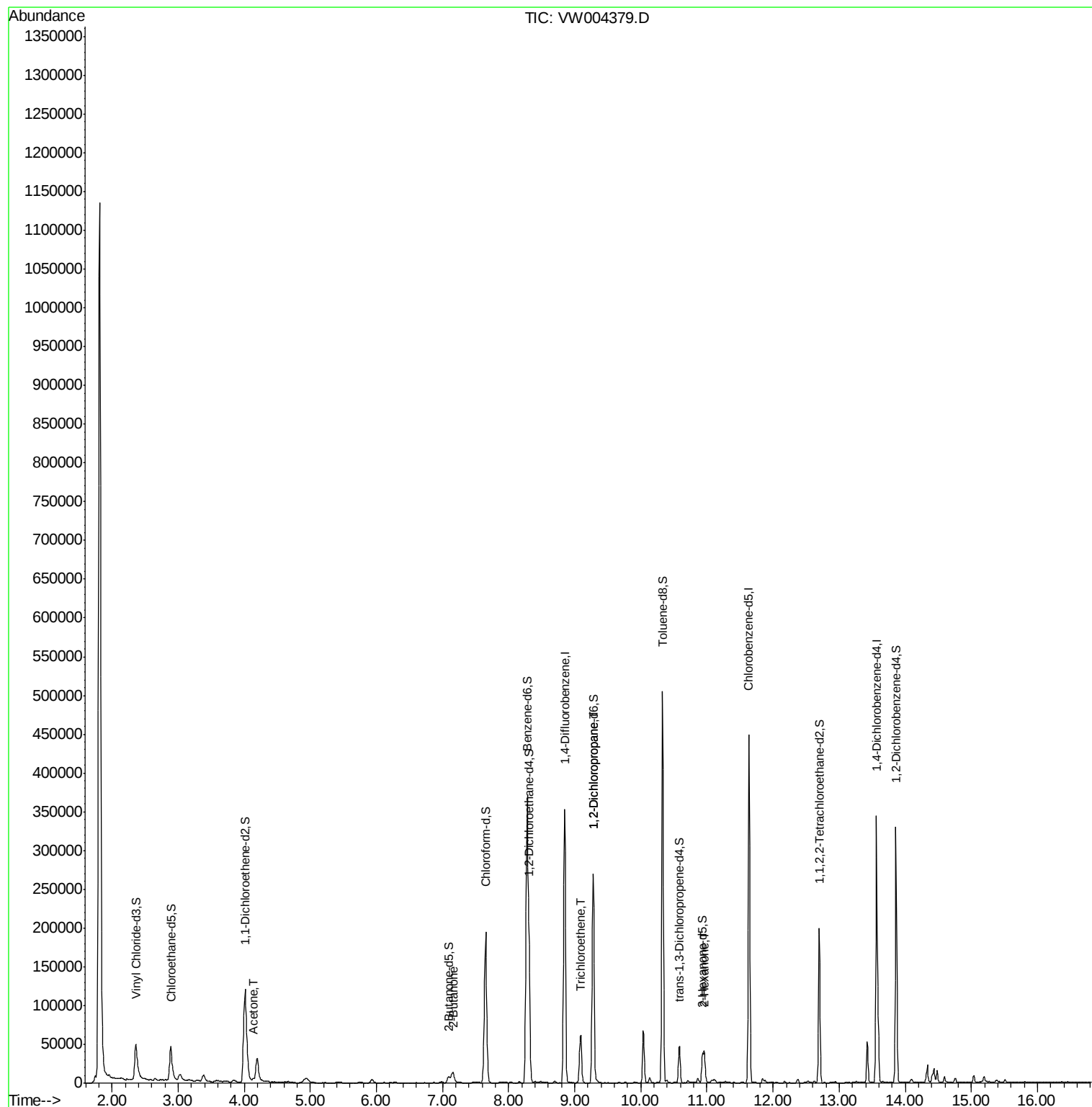
					Ovalue
13) Acetone	4.14	43	6038	4.800 ug/L	99
21) 2-Butanone	7.16	43	17578	10.253 ug/L #	47
35) Trichloroethene	9.09	95	16180	4.019 ug/L	95
40) 1,2-Dichloropropane	9.28	63	14096	3.736 ug/L #	88
49) 2-Hexanone	10.96	43	24192	10.657 ug/L #	49

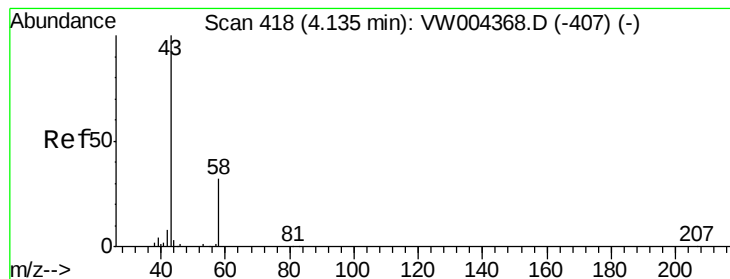
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.800 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

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ClientSampleId :

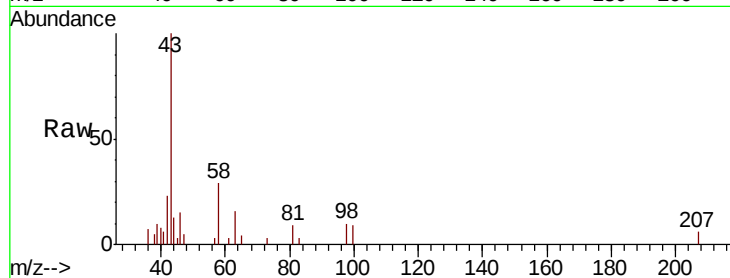
C0AB7

Tot Ion: 43 Resp: 6038

Ion Ratio Lower Upper

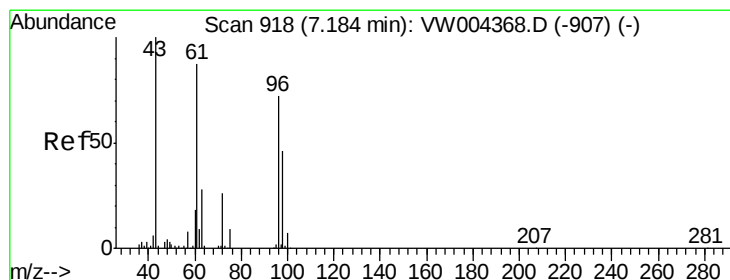
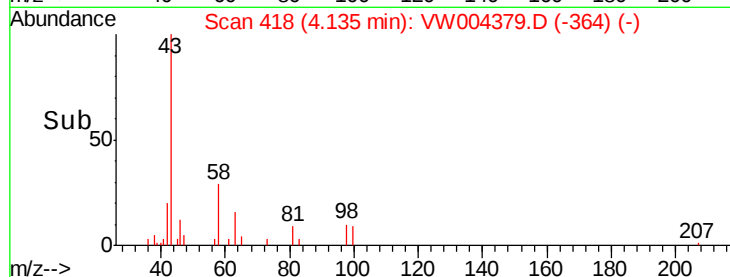
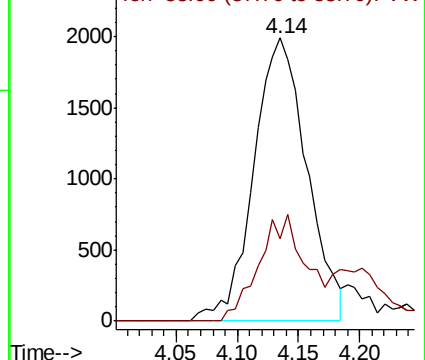
43 100

58 33.0 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 10.253 ug/L

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004379.D

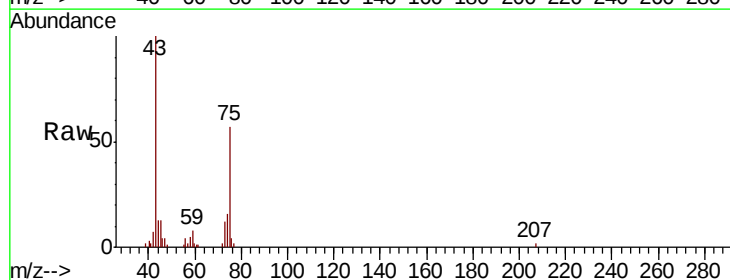
Acq: 01 Aug 2018 16:12

Tgt Ion: 43 Resp: 17578

Ion Ratio Lower Upper

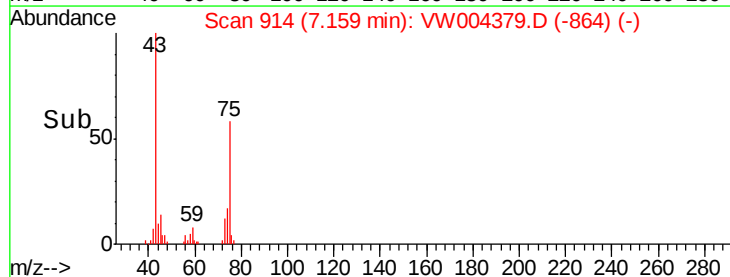
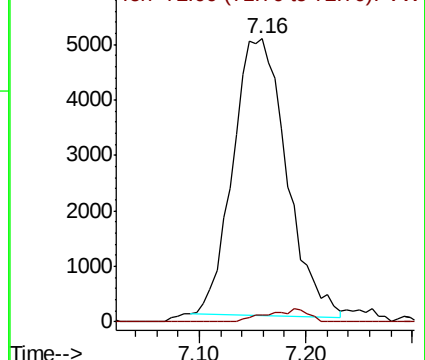
43 100

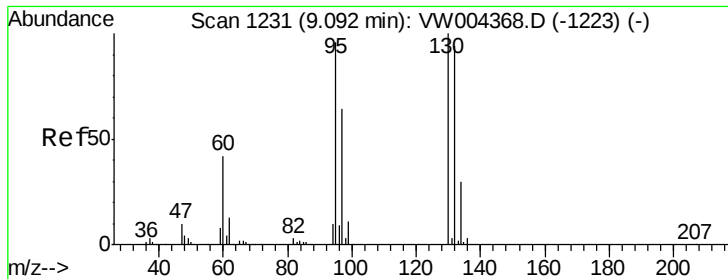
72 0.8 14.4 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 4.019 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004379.D

Acq: 01 Aug 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

C0AB7

Tot Ion: 95 Resp: 16180

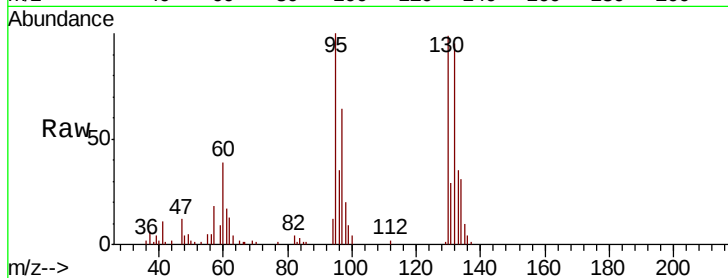
Ion Ratio Lower Upper

95 100

97 68.6 45.6 84.6

132 98.1 71.2 132.2

130 98.6 73.9 137.3

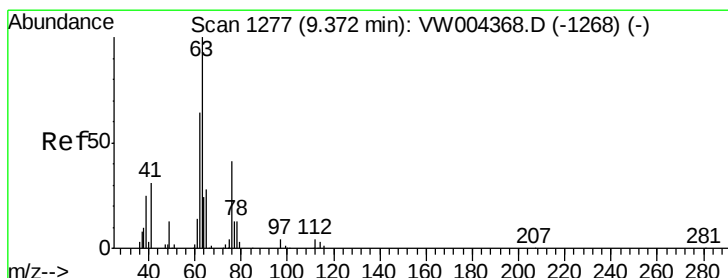
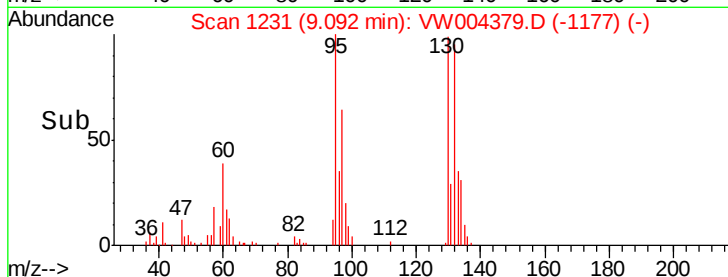
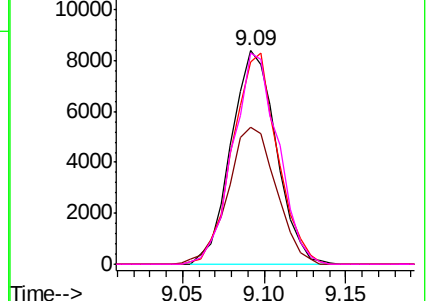


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.736 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004379.D

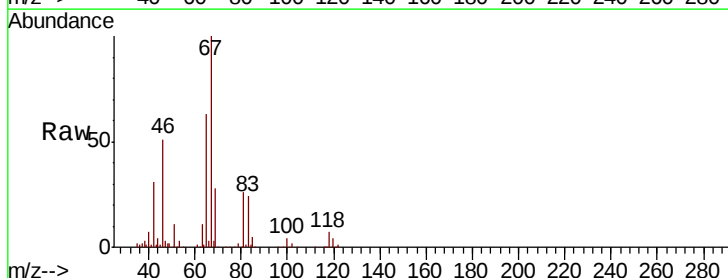
Acq: 01 Aug 2018 16:12

Tgt Ion: 63 Resp: 14096

Ion Ratio Lower Upper

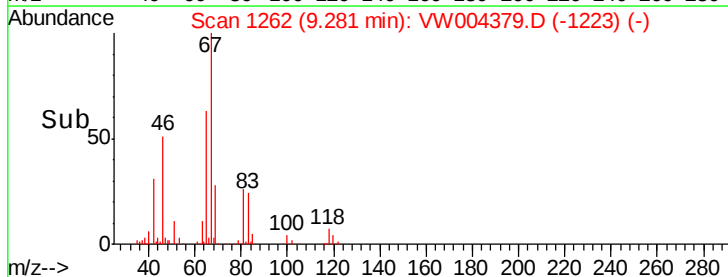
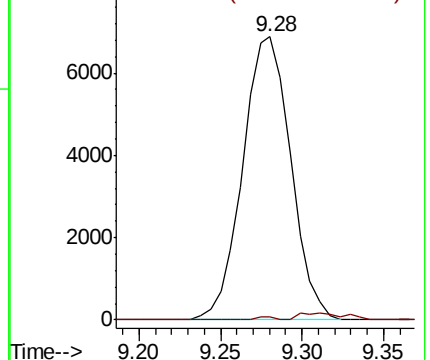
63 100

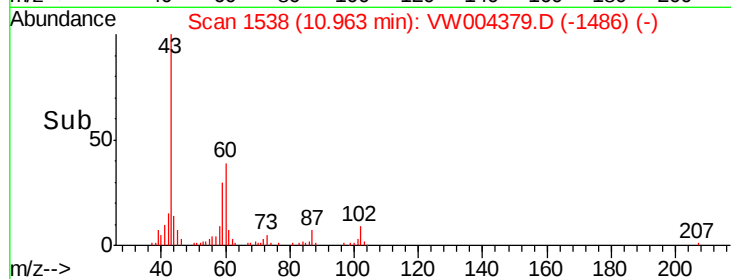
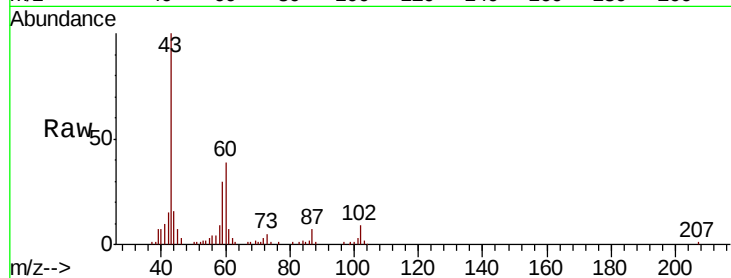
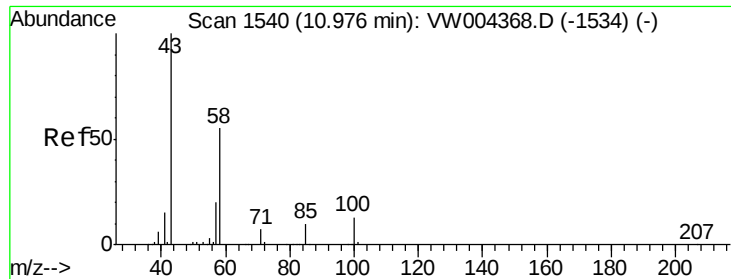
112 0.3 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 10.657 ug/L

RT: 10.96 min Scan# 1538

Delta R.T. -0.01 min

Lab File: VW004379.D

Acq: 01 Aug 2018 16:12

Instrument :

MSVOA_W

ClientSampleId :

C0AB7

Tot Ion: 43 Resp: 24192

Ion Ratio Lower Upper

43 100

58 10.9 44.0 66.0#

57 3.5 16.0 24.0#

100 0.9 10.7 16.1#

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

