

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004055.D
 Acq On : 20 Jul 2018 00:51
 Operator : VA/AP
 Sample : J4023-06
 Misc : 6.39G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1K7

Quant Time: Jul 20 07:22:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 07:22:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	251222	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	61801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54151	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	42154	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	4.12	63	262	0.04	ug/L	0.11
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.16%#
20) 2-Butanone-d5	7.09	46	32419	22.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.50%
24) Chloroform-d	7.65	84	152657	25.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	8.31	65	91875	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.32%
29) Benzene-d6	8.28	84	264345	25.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.20%
33) 1,2-Dichloropropane-d6	9.28	67	96056	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.12%
37) Toluene-d8	10.33	98	212639	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.68%
38) trans-1,3-Dichloropropene-	10.58	79	30549	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.00%
39) 2-Hexanone-d5	10.93	63	23974	25.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.60%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	67480	17.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	45843	23.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.28%

Target Compounds

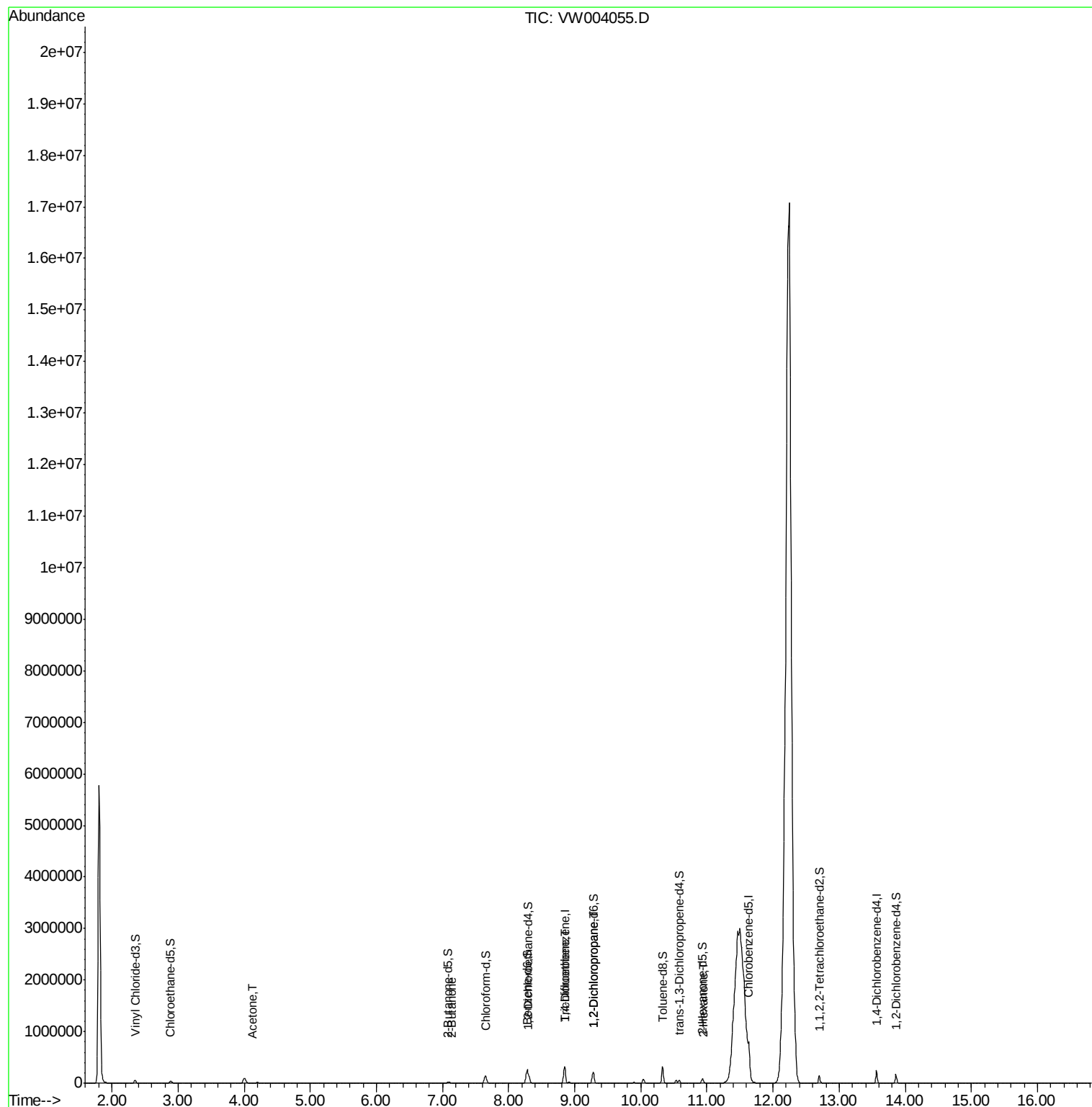
					Qvalue
13) Acetone	4.12	43	4618	2.915 ug/L	90
21) 2-Butanone	7.15	43	7861	3.999 ug/L #	52
35) Trichloroethene	8.85	95	8077	2.164 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	11159	2.951 ug/L #	89
49) 2-Hexanone	10.96	43	6046	2.349 ug/L #	41

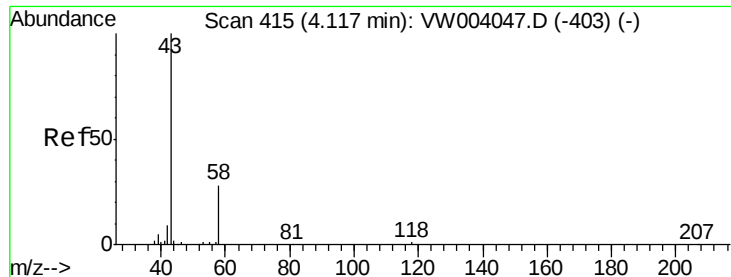
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 07:22:04 2018
Response via : Initial Calibration

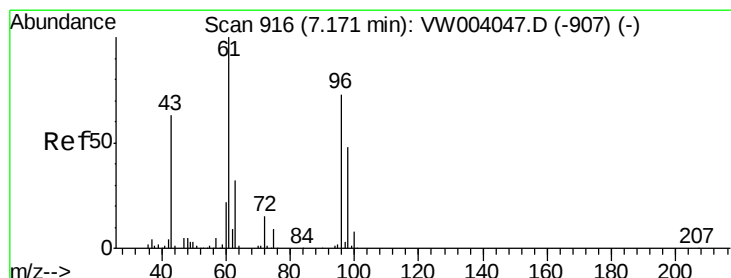
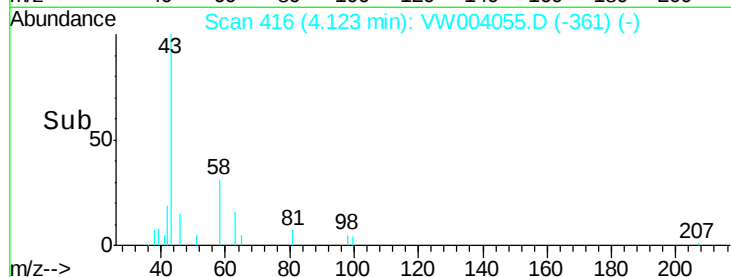
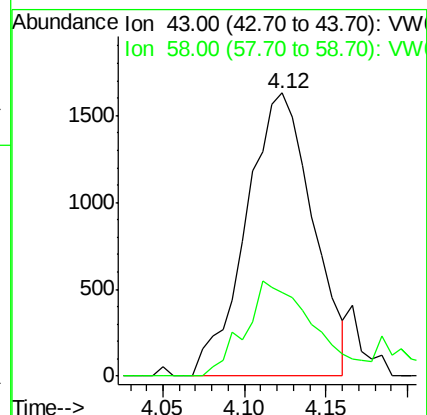
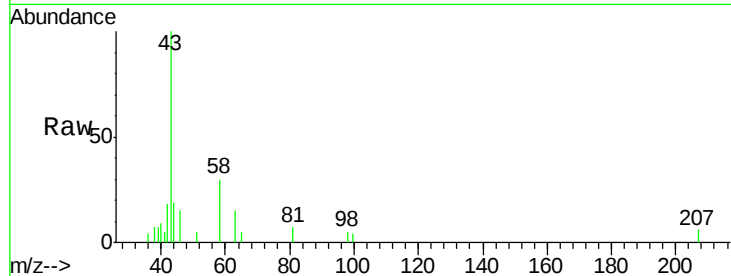




#13
Acetone
Concen: 2.915 ug/L
RT: 4.12 min Scan# 416
Delta R.T. 0.01 min
Lab File: VW004055.D
Acq: 20 Jul 2018 00:51

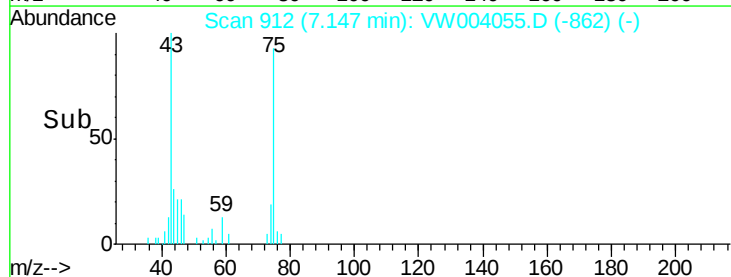
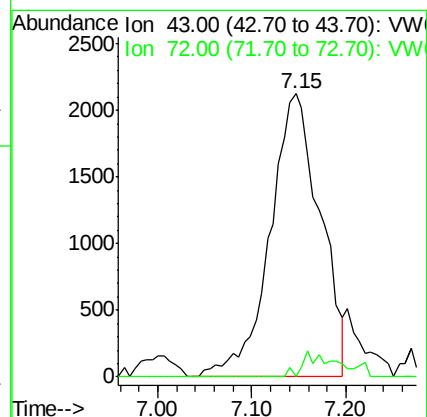
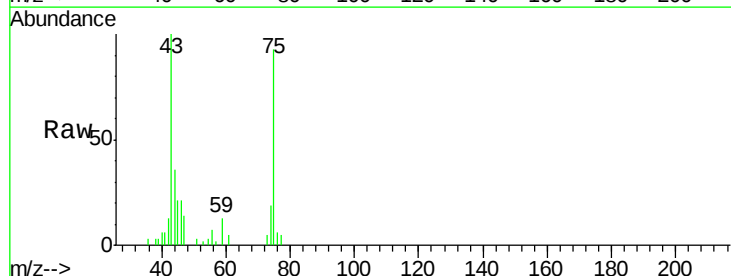
Instrument :
MSVOA_W
ClientSampled :
DB1K7

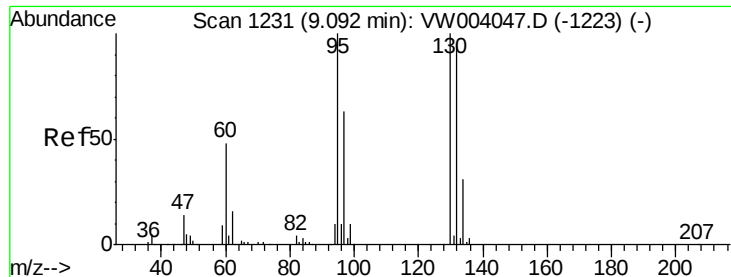
Tgt Ion: 43 Resp: 4618
Ion Ratio Lower Upper
43 100
58 35.1 0.0 59.4



#21
2-Butanone
Concen: 3.999 ug/L
RT: 7.15 min Scan# 912
Delta R.T. -0.02 min
Lab File: VW004055.D
Acq: 20 Jul 2018 00:51

Tgt Ion: 43 Resp: 7861
Ion Ratio Lower Upper
43 100
72 0.3 12.1 36.3#





#35

Trichloroethene

Concen: 2.164 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

Lab File: VW004055.D

Acq: 20 Jul 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

DB1K7

Tgt Ion: 95 Resp: 8077

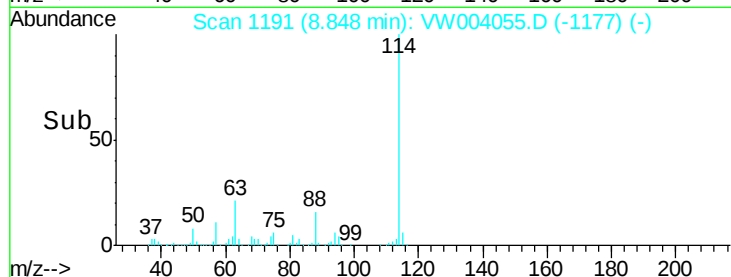
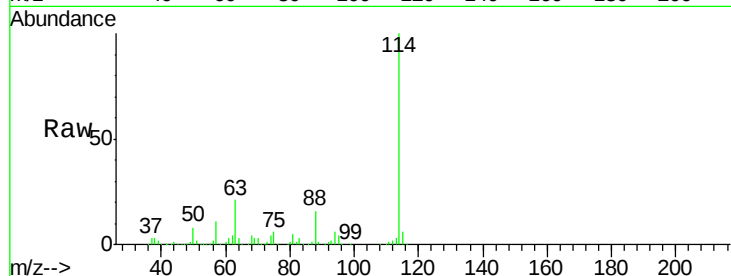
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.4 66.1 122.7#

130 0.0 68.9 127.9#

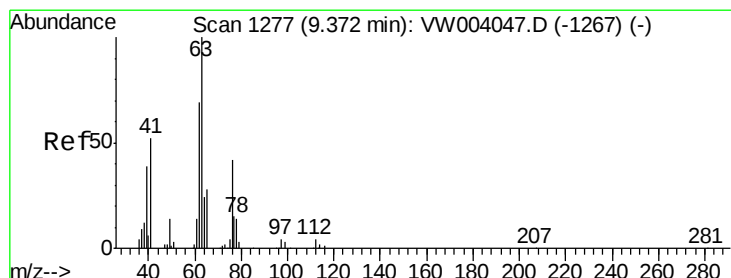
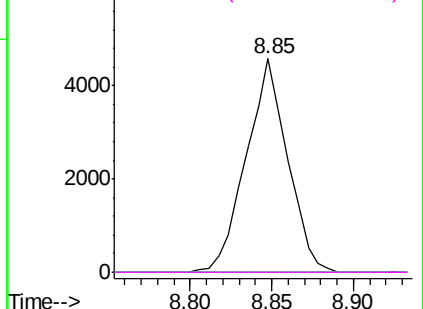


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.951 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW004055.D

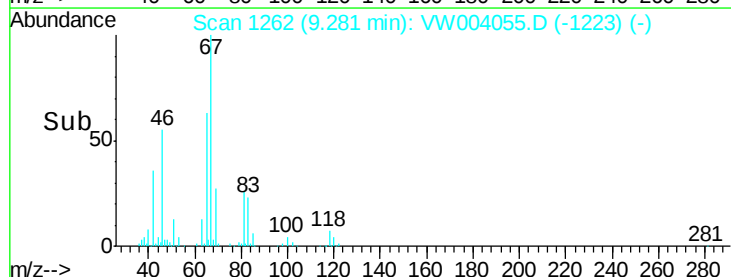
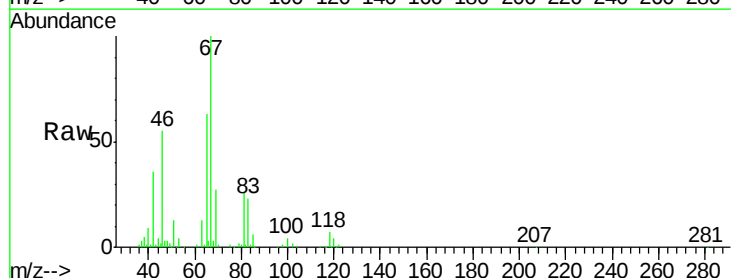
Acq: 20 Jul 2018 00:51

Tgt Ion: 63 Resp: 11159

Ion Ratio Lower Upper

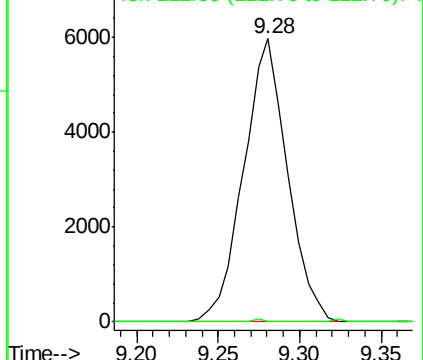
63 100

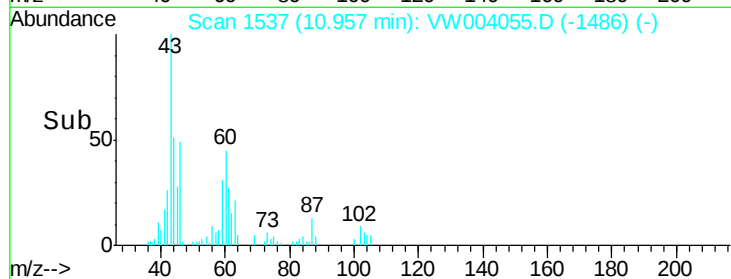
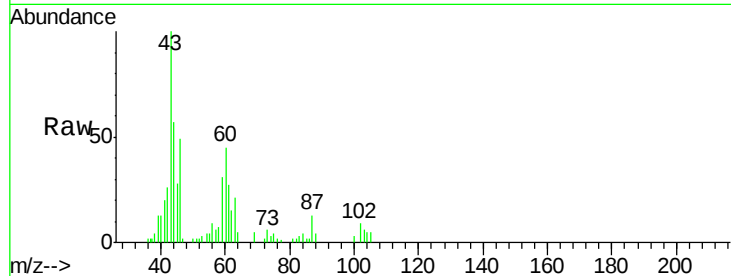
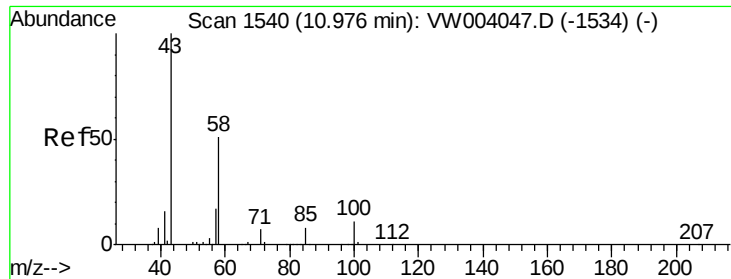
112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 2.349 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW004055.D

Acq: 20 Jul 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

DB1K7

Tgt Ion: 43 Resp: 6046

Ion Ratio Lower Upper

43 100

58 0.0 40.4 60.6#

57 0.0 14.0 21.0#

100 2.0 8.2 12.2#

