

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
 Data File : VW004673.D
 Acq On : 14 Aug 2018 17:49
 Operator : SY/AP
 Sample : J4450-18
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB15

Quant Time: Aug 15 19:02:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 12:36:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	739914	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	756604	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	284819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	221562	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
7) Chloroethane-d5	2.90	69	183455	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.72%
10) 1,1-Dichloroethene-d2	4.01	63	309687	14.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.60%
20) 2-Butanone-d5	7.08	46	67	0.02	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.04%#
24) Chloroform-d	7.68	84	17653	0.89	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	3.56%#
26) 1,2-Dichloroethane-d4	8.31	65	266848	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	8.28	84	856371	20.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.72%
33) 1,2-Dichloropropane-d6	9.28	67	296800	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.33	98	699700	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.52%
38) trans-1,3-Dichloropropene-	10.58	79	62056	11.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.40%
39) 2-Hexanone-d5	10.93	63	338	0.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	481	0.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.16%#
61) 1,2-Dichlorobenzene-d4	13.86	152	269089	24.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.60%

Target Compounds

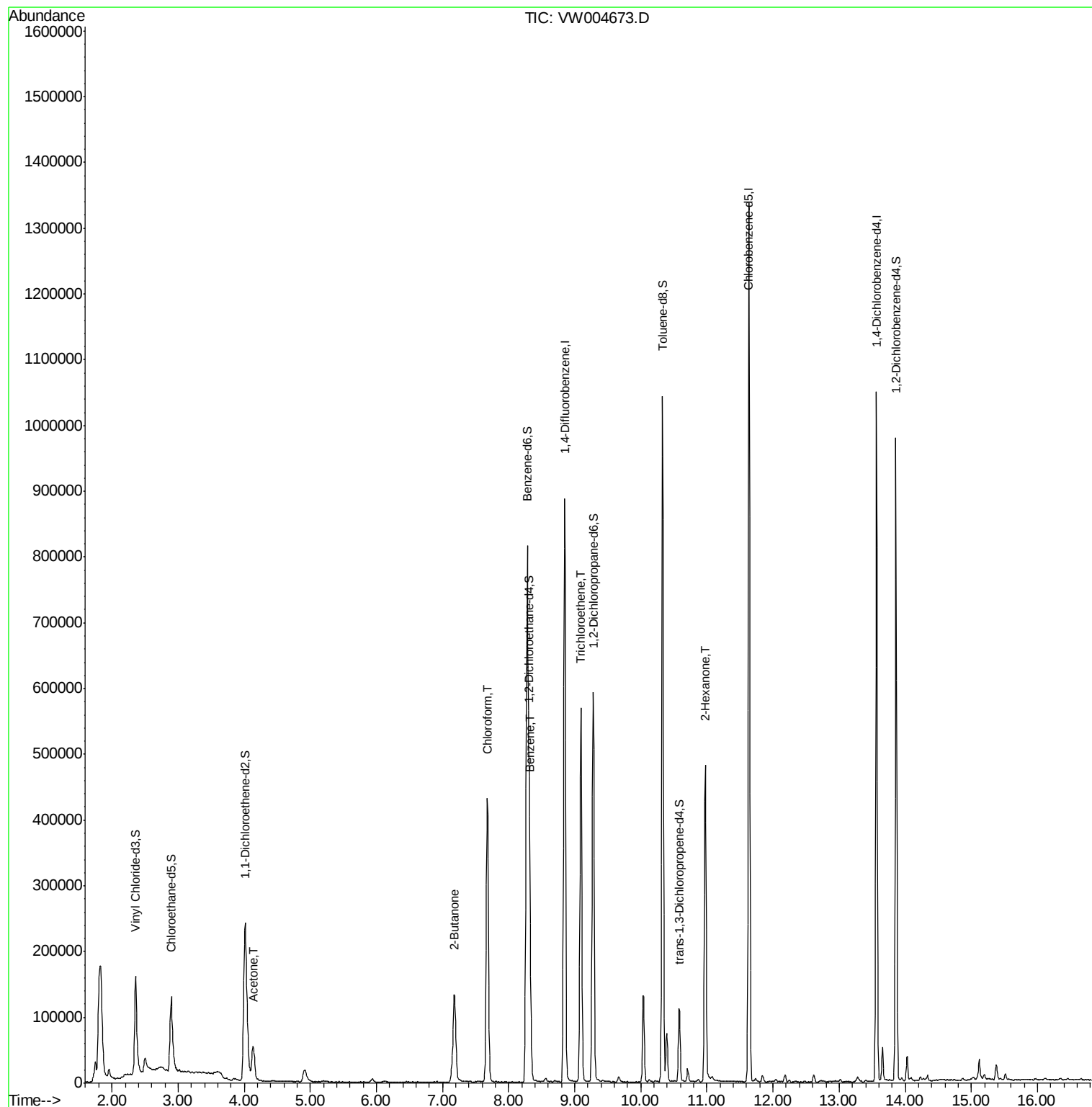
						Ovalue
13) Acetone	4.13	43	89889	30.78	ug/L	97
21) 2-Butanone	7.18	43	203393	49.80	ug/L	92
25) Chloroform	7.68	83	421155	21.03	ug/L	100
34) Benzene	8.32	78	115681	2.40	ug/L	100
35) Trichloroethene	9.10	95	205047	16.92	ug/L	99
49) 2-Hexanone	10.98	43	294067	49.90	ug/L	93

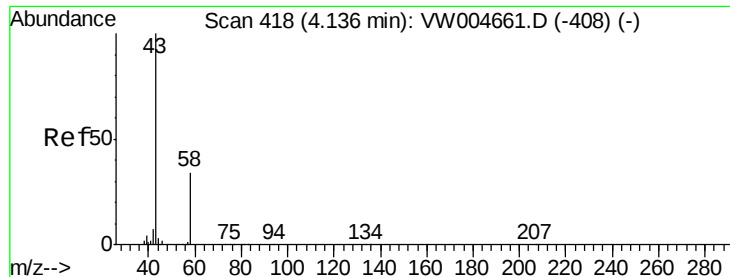
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration





#13

Acetone

Concen: 30.78 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

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Acq: 14 Aug 2018 17:49

Instrument :

MSVOA_W

ClientSampleId :

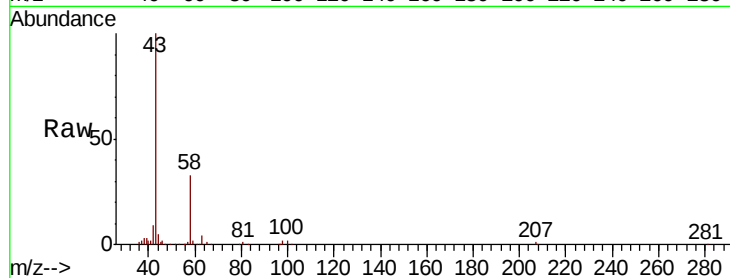
GAB15

Tot Ion: 43 Resp: 89889

Ion Ratio Lower Upper

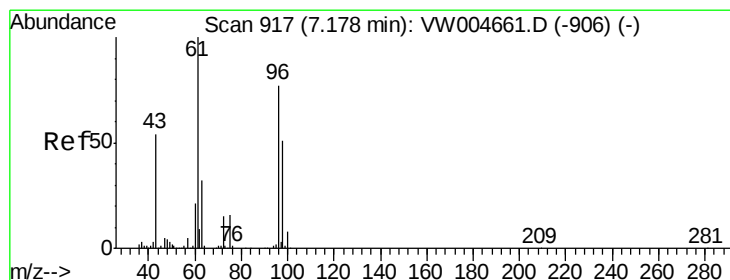
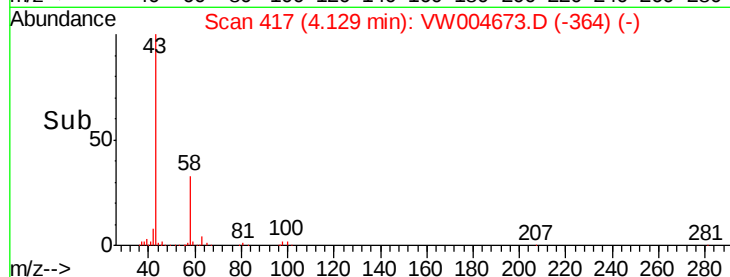
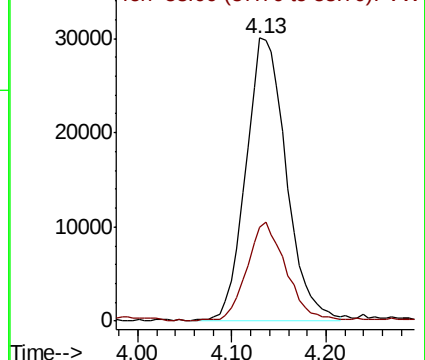
43 100

58 32.9 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 49.80 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004673.D

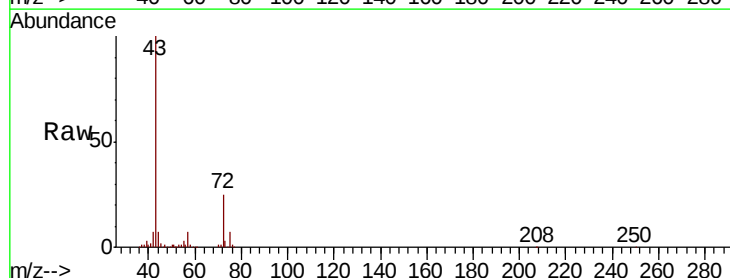
Acq: 14 Aug 2018 17:49

Tgt Ion: 43 Resp: 203393

Ion Ratio Lower Upper

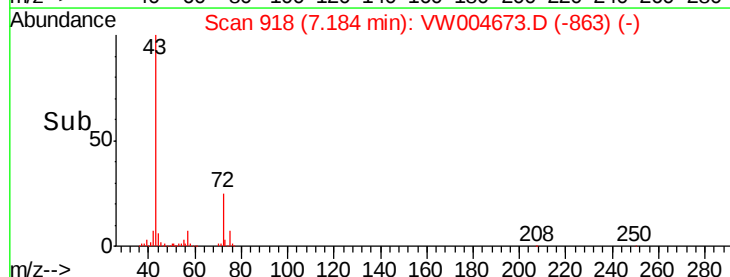
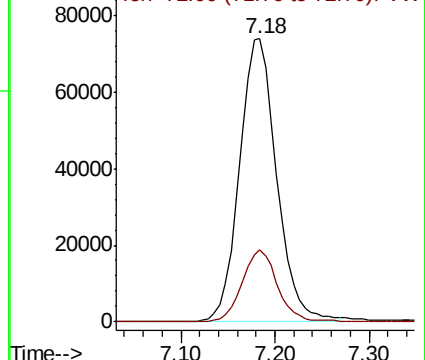
43 100

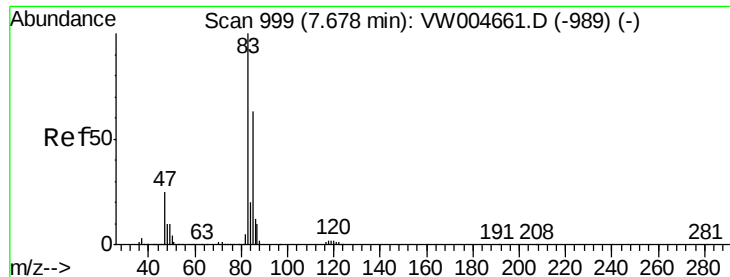
72 23.9 14.1 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#25

Chloroform

Concen: 21.03 ug/L

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

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Acq: 14 Aug 2018 17:49

Instrument :

MSVOA_W

ClientSampleId :

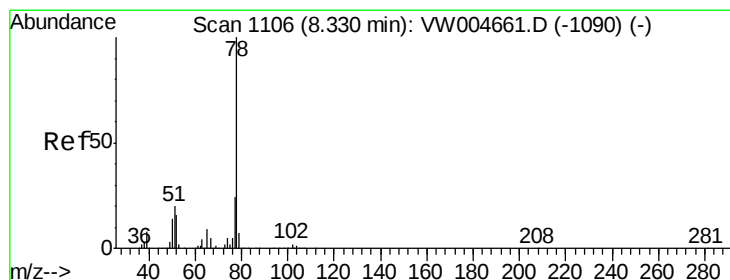
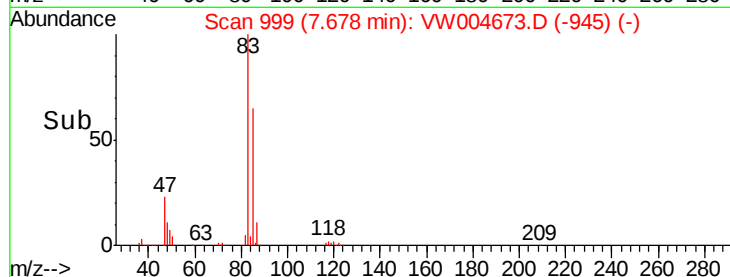
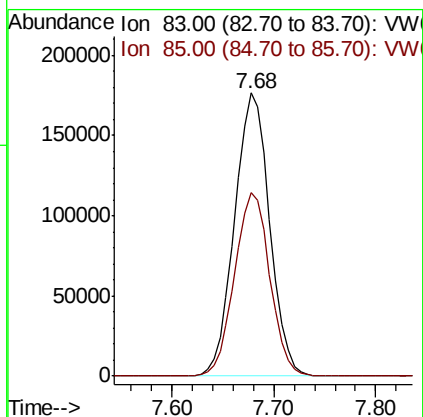
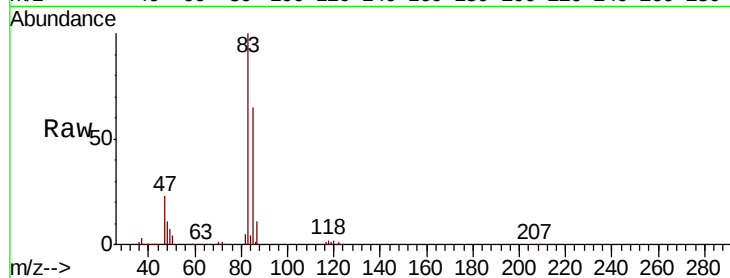
GAB15

Tot Ion: 83 Resp: 421155

Ion Ratio Lower Upper

83 100

85 65.1 45.5 84.5



#34

Benzene

Concen: 2.40 ug/L

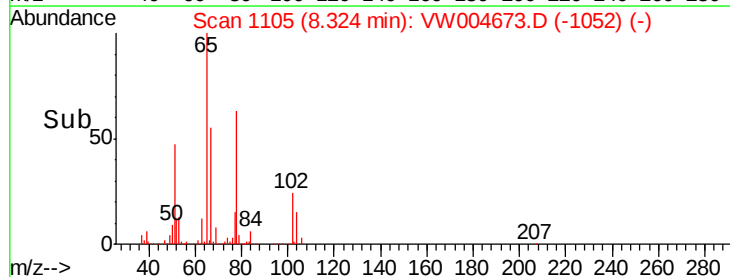
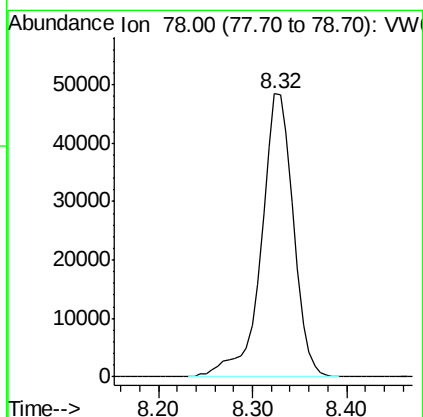
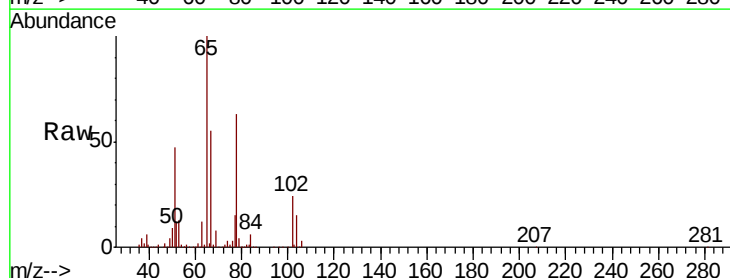
RT: 8.32 min Scan# 1105

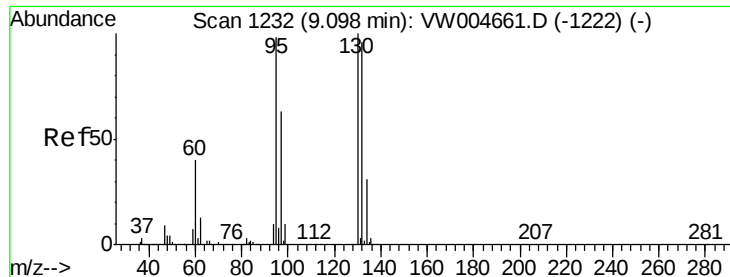
Delta R.T. -0.01 min

Lab File: VW004673.D

Acq: 14 Aug 2018 17:49

Tgt Ion: 78 Resp: 115681





#35

Trichloroethene

Concen: 16.92 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004673.D

Acq: 14 Aug 2018 17:49

Instrument :

MSVOA_W

ClientSampleId :

GAB15

Tot Ion: 95 Resp: 205047

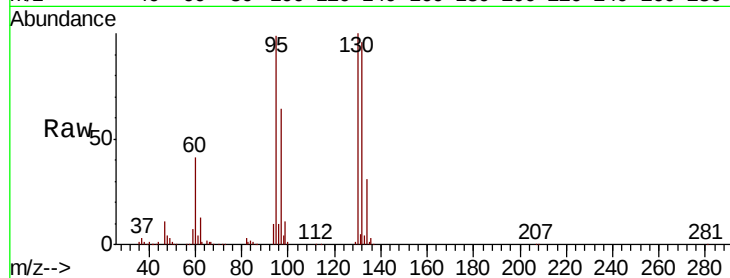
Ion Ratio Lower Upper

95 100

97 63.9 45.1 83.9

132 97.4 68.8 127.8

130 100.5 71.5 132.9



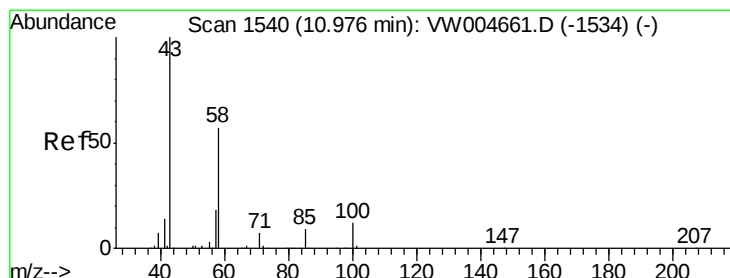
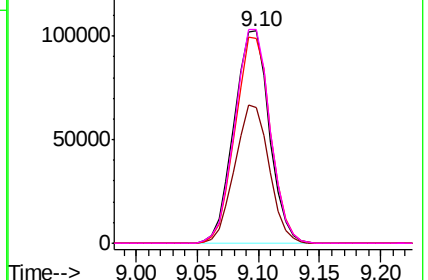
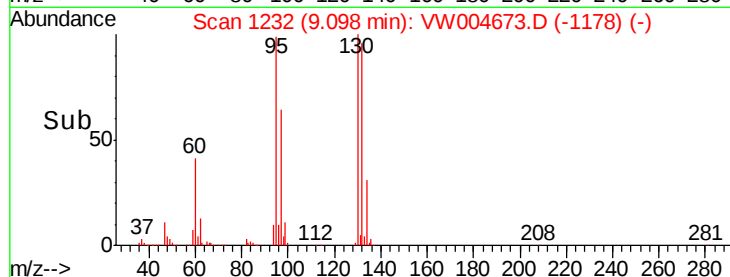
Abundance

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



#49

2-Hexanone

Concen: 49.90 ug/L

RT: 10.98 min Scan# 1540

Delta R.T. -0.00 min

Lab File: VW004673.D

Acq: 14 Aug 2018 17:49

Tgt Ion: 43 Resp: 294067

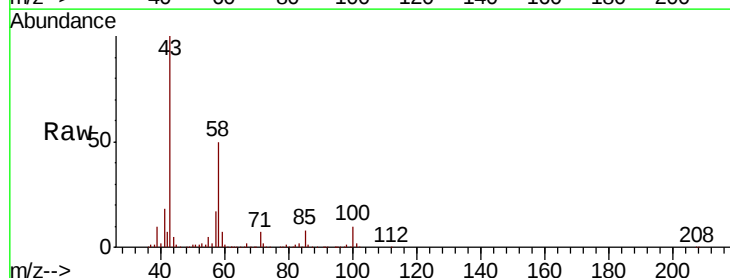
Ion Ratio Lower Upper

43 100

58 48.8 44.4 66.6

57 17.0 14.8 22.2

100 9.9 9.4 14.2



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): V

