

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004297.D
 Acq On : 28 Jul 2018 03:33
 Operator : SY/AP
 Sample : J4204-13
 Misc : 6.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K0

Quant Time: Jul 28 04:01:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	160406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	125015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	40032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89702	55.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	222.16%#
7) Chloroethane-d5	2.89	69	66098	56.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	225.12%#
10) 1,1-Dichloroethene-d2	4.00	63	83993	21.79	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.16%
20) 2-Butanone-d5	7.08	46	33703	36.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.74%
24) Chloroform-d	7.65	84	124619	30.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.36%
26) 1,2-Dichloroethane-d4	8.31	65	78087	31.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.44%
29) Benzene-d6	8.27	84	223770	33.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.08%#
33) 1,2-Dichloropropane-d6	9.28	67	69905	31.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.88%#
37) Toluene-d8	10.33	98	200209	31.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.88%
38) trans-1,3-Dichloropropene-	10.58	79	28586	28.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.32%
39) 2-Hexanone-d5	10.93	63	28808	49.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	58481	25.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	42622	28.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.92%

Target Compounds

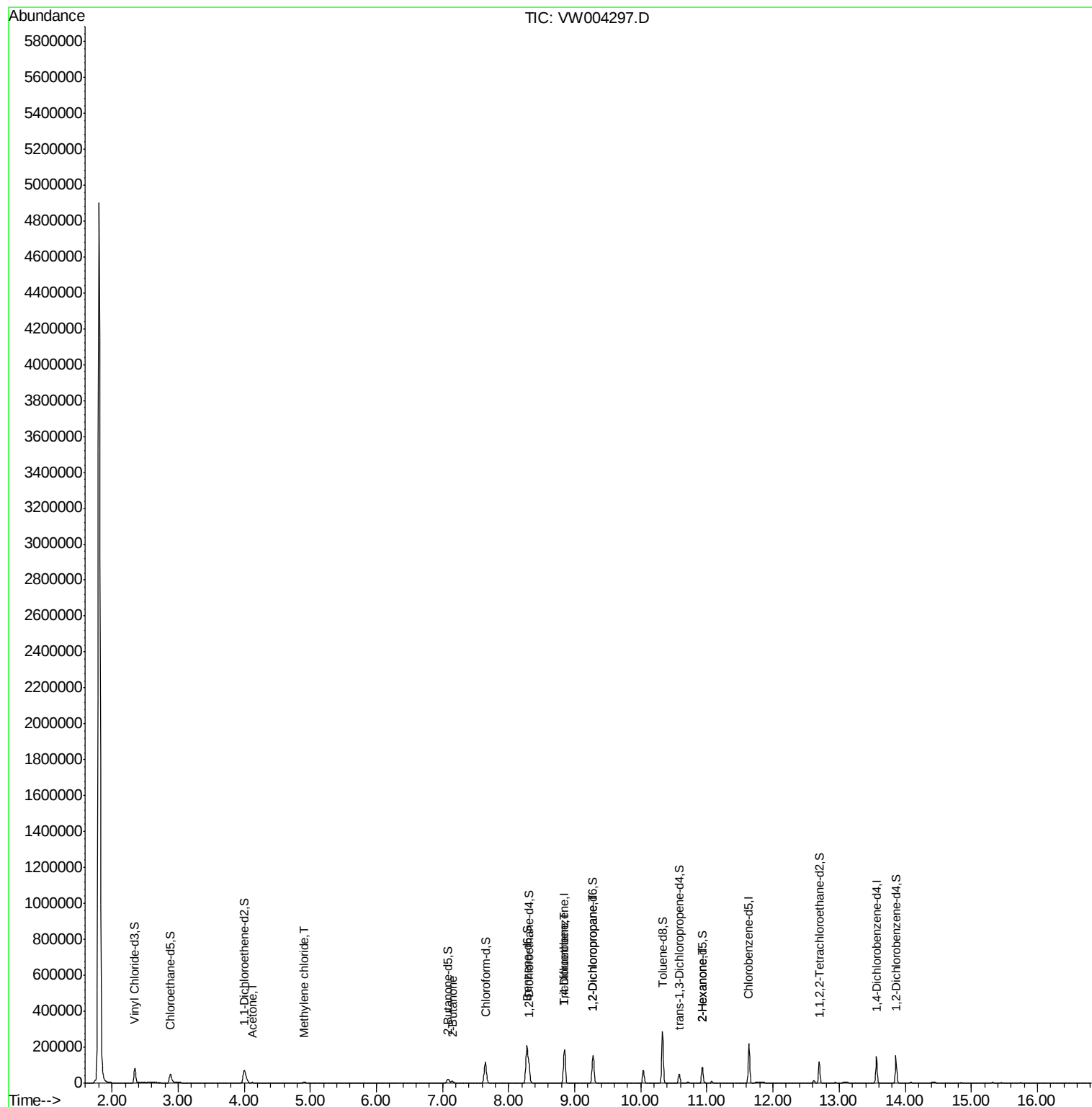
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	4452	4.823	ug/L	99
16) Methylene chloride	4.91	84	5022	2.233	ug/L	82
21) 2-Butanone	7.15	43	2951	2.536	ug/L #	61
35) Trichloroethene	8.85	95	4998	2.643	ug/L #	5
40) 1,2-Dichloropropane	9.27	63	8513	4.362	ug/L #	88
49) 2-Hexanone	10.93	43	3924	2.881	ug/L #	73

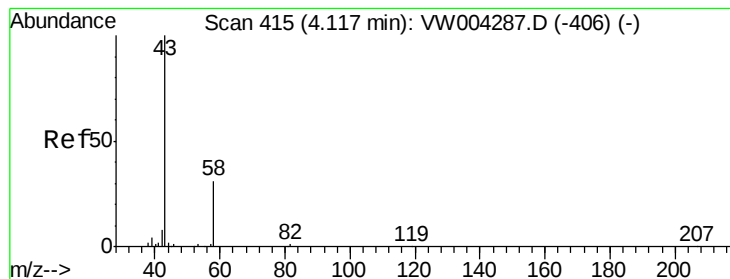
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 28 02:53:40 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.823 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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Acq: 28 Jul 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

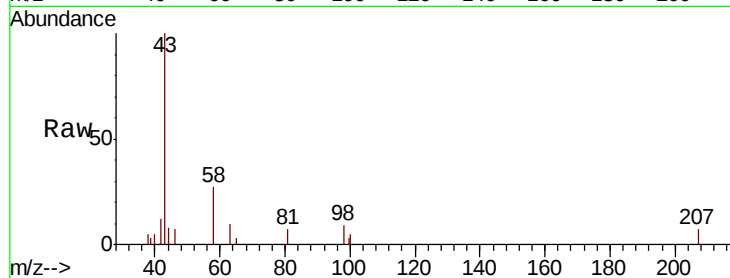
JJ1K0

Tgt Ion: 43 Resp: 4452

Ion Ratio Lower Upper

43 100

58 29.5 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

1000

500

0

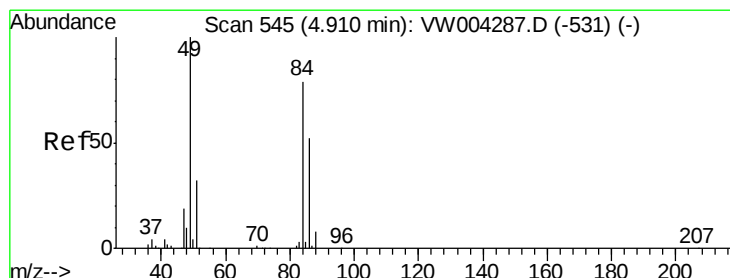
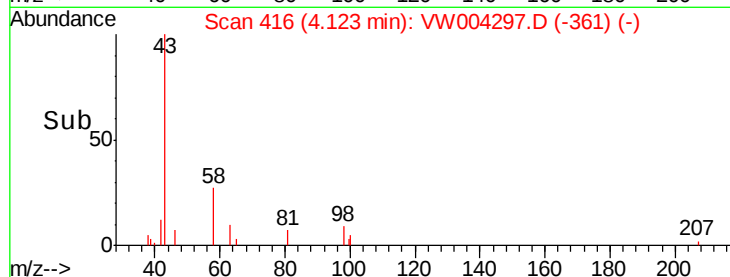
Time-->

4.05

4.10

4.15

4.20



#16

Methylene chloride

Concen: 2.233 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW004297.D

Acq: 28 Jul 2018 03:33

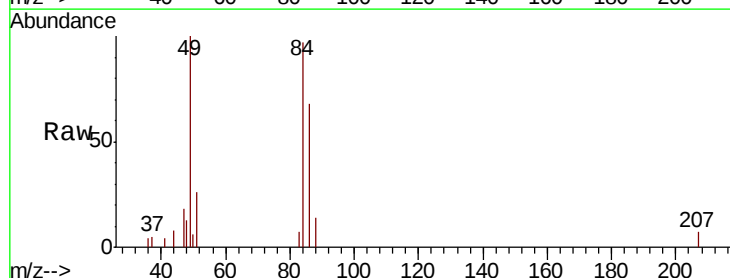
Tgt Ion: 84 Resp: 5022

Ion Ratio Lower Upper

84 100

49 103.5 90.9 168.7

86 69.9 44.4 82.5



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

4.91

1500

1000

500

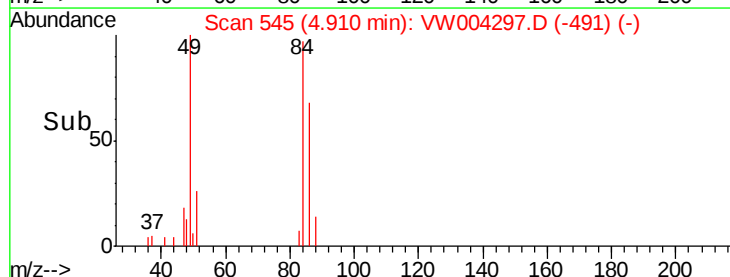
0

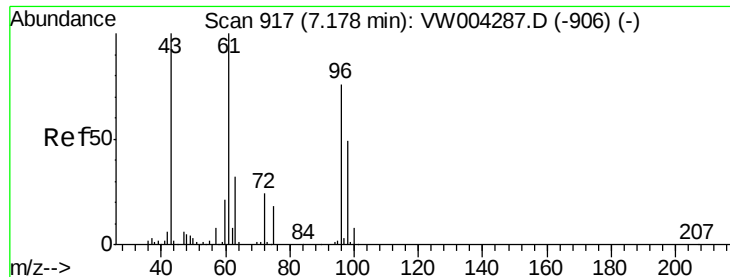
Time-->

4.80

4.90

5.00





#21

2-Butanone

Concen: 2.536 ug/L

RT: 7.15 min Scan# 912

Delta R.T. -0.03 min

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ClientSampleId :

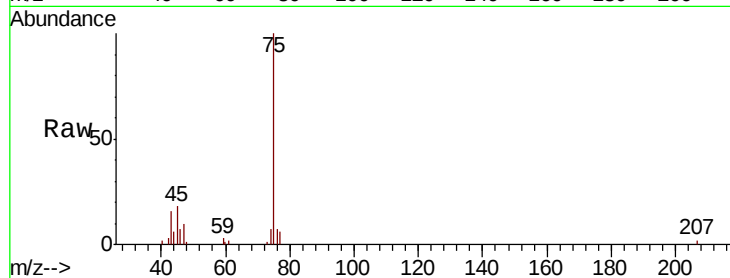
JJ1K0

Tgt Ion: 43 Resp: 2951

Ion Ratio Lower Upper

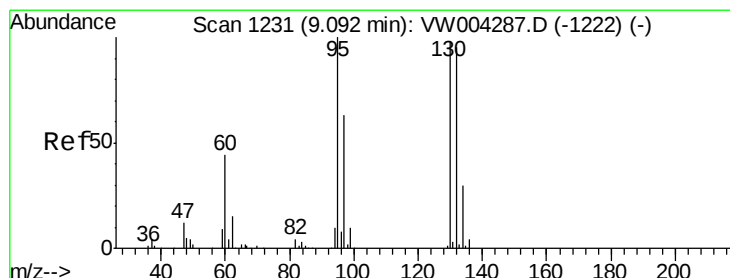
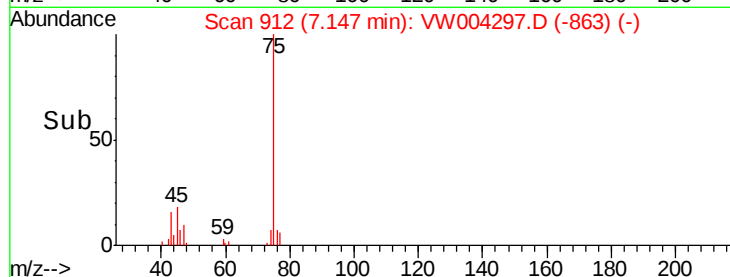
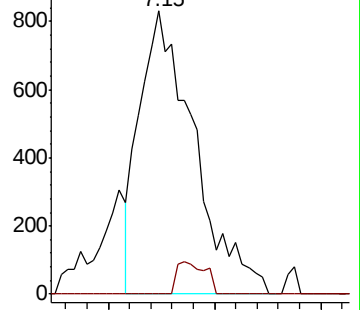
43 100

72 5.1 12.3 36.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.643 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

Lab File: VW004297.D

Acq: 28 Jul 2018 03:33

Tgt Ion: 95 Resp: 4998

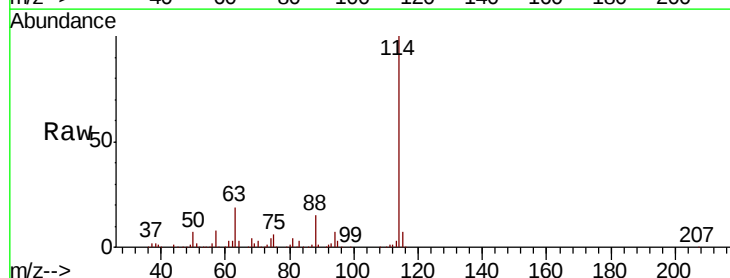
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 67.4 125.2#

130 0.0 70.2 130.4#

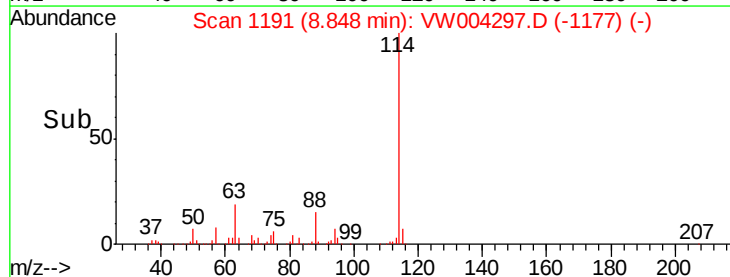
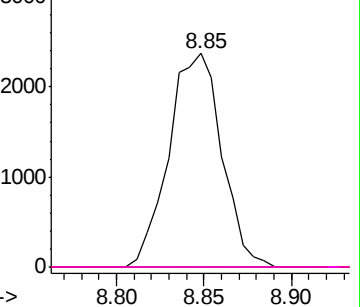


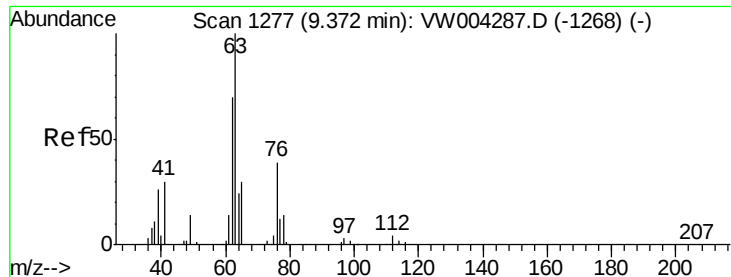
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.362 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

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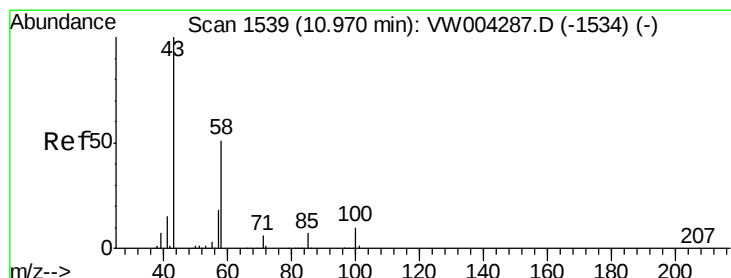
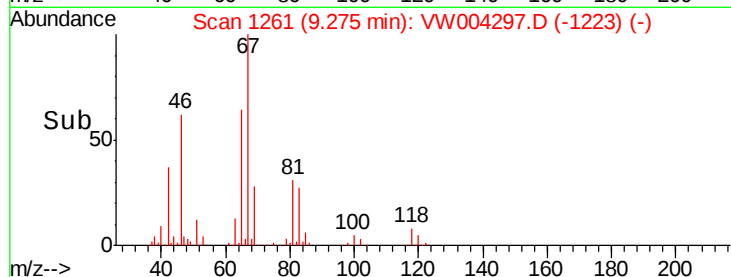
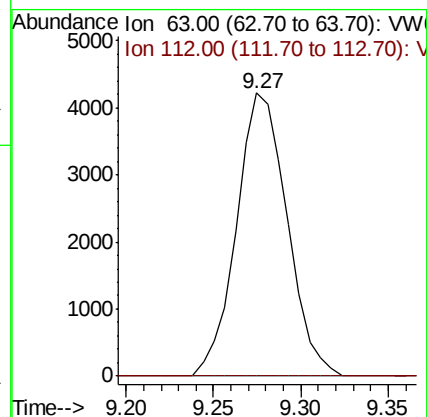
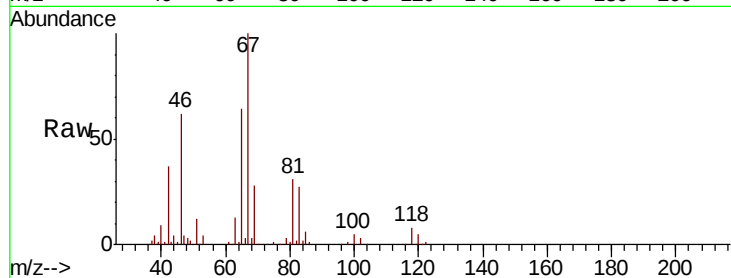
JJ1K0

Tgt Ion: 63 Resp: 8513

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#49

2-Hexanone

Concen: 2.881 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004297.D

Acq: 28 Jul 2018 03:33

Tgt Ion: 43 Resp: 3924

Ion Ratio Lower Upper

43 100

58 31.7 39.8 59.8#

57 30.6 13.9 20.9#

100 1.7 8.0 12.0#

