

Data File : VW014415.D
Acq On : 18 Dec 2019 01:46
Operator : SY/VA
Sample : K6279-11
Misc : 4.81G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEY5

Quant Time: Dec 18 03:35:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	632404	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	520485	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	136781	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	181875	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
7) Chloroethane-d5	2.89	69	167661	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.01	63	258907	15.31	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.24%
20) 2-Butanone-d5	7.07	46	66934	26.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.64%
24) Chloroform-d	7.65	84	432558	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.30	65	251870	29.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.36%
29) Benzene-d6	8.27	84	818738	26.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.36%
33) 1,2-Dichloropropane-d6	9.27	67	286112	30.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.96%#
37) Toluene-d8	10.32	98	620852	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.04%
38) trans-1,3-Dichloropropene-	10.57	79	61970	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.96%
39) 2-Hexanone-d5	10.92	63	43054	23.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	196948	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	128896	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds

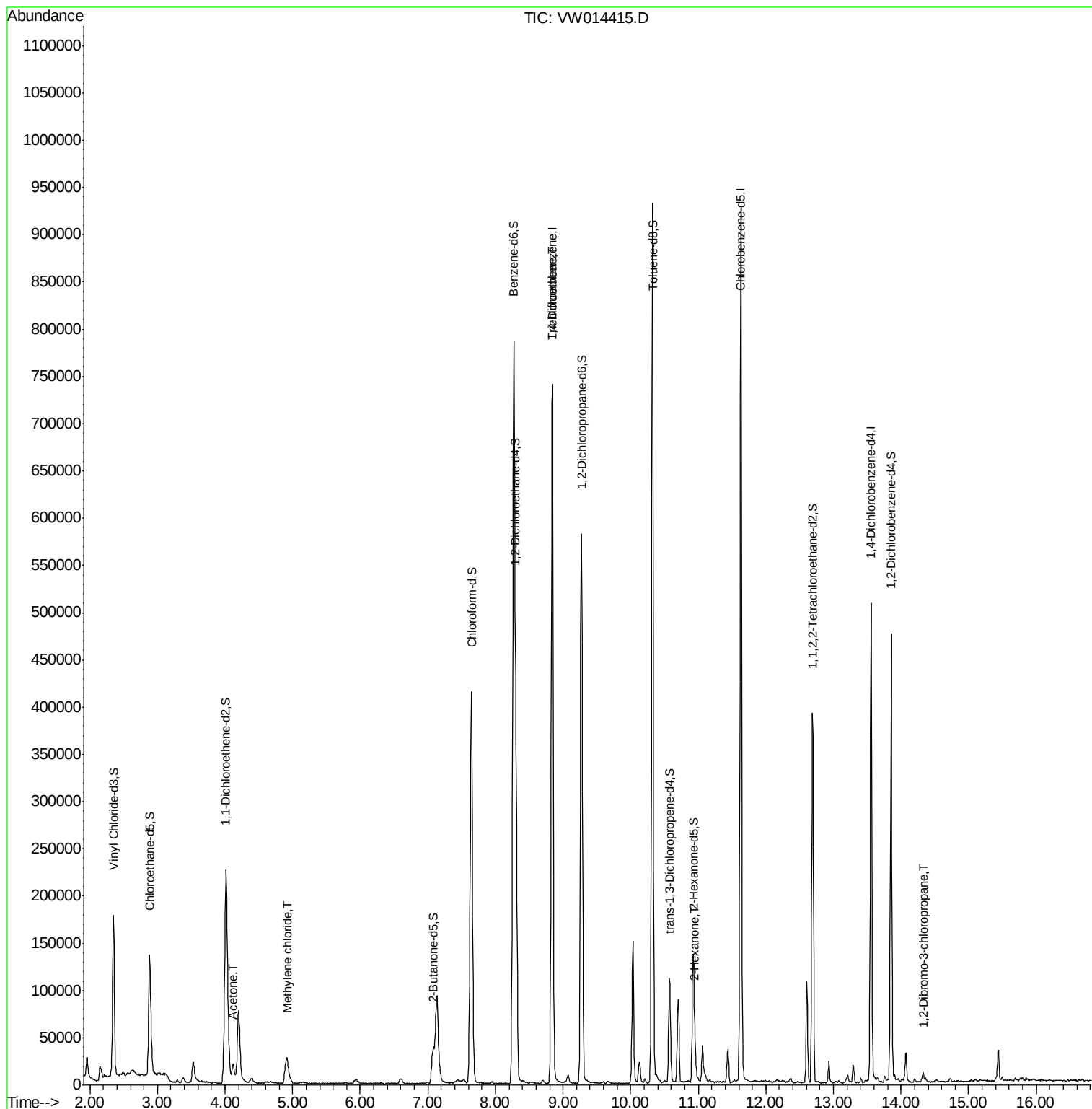
					Qvalue
13) Acetone	4.12	43	34468	14.326 ug/L	98
16) Methylene chloride	4.92	84	23512	2.425 ug/L	87
35) Trichloroethene	8.84	95	18594	2.205 ug/L #	2
49) 2-Hexanone	10.95	43	23394	5.886 ug/L #	38
66) 1,2-Dibromo-3-chloropropan	14.33	75	1077	1.633 ug/L #	1

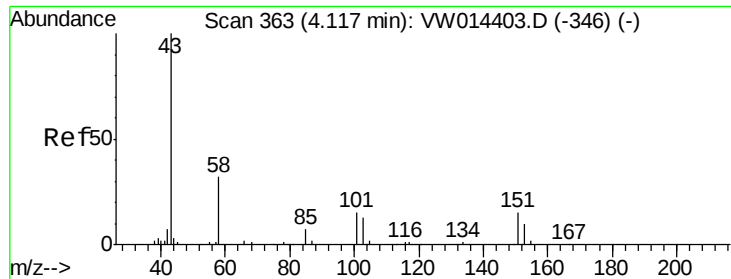
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.326 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 18 Dec 2019 01:46

Instrument :

MSVOA_W

ClientSampleId :

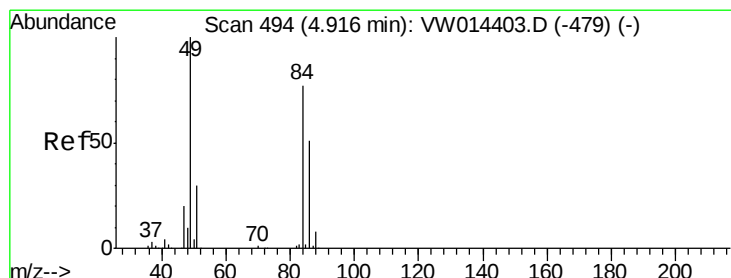
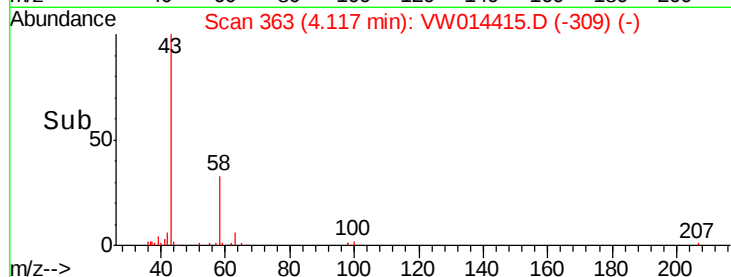
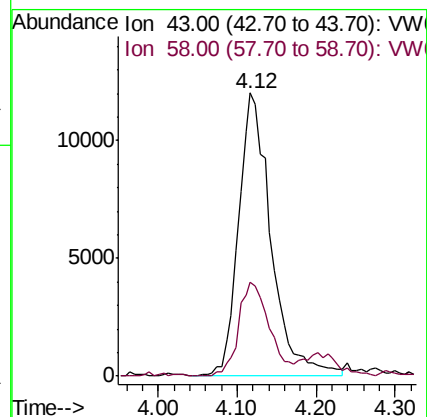
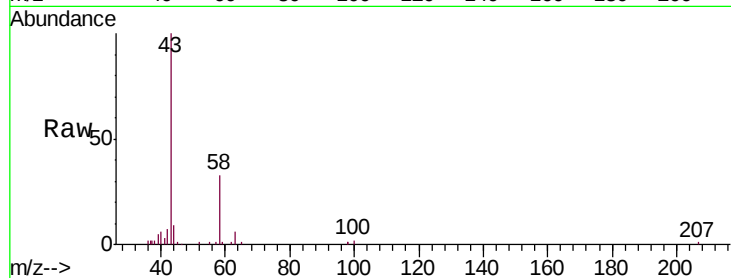
BFEY5

Tgt Ion: 43 Resp: 34468

Ion Ratio Lower Upper

43 100

58 31.6 0.0 65.4



#16

Methylene chloride

Concen: 2.425 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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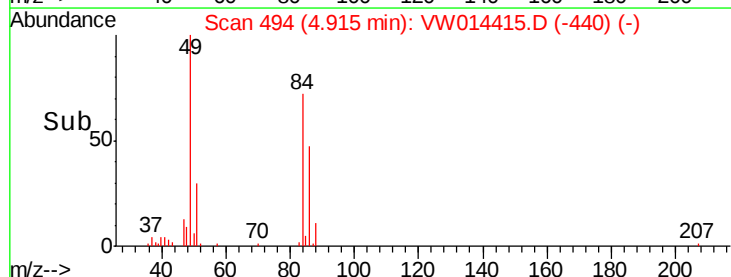
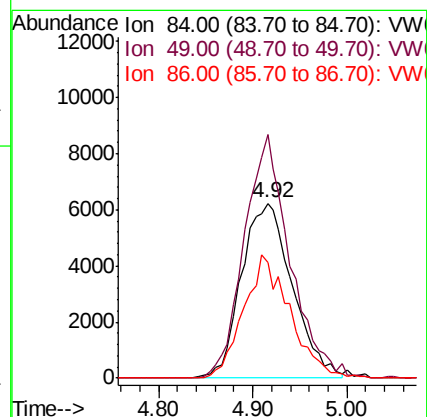
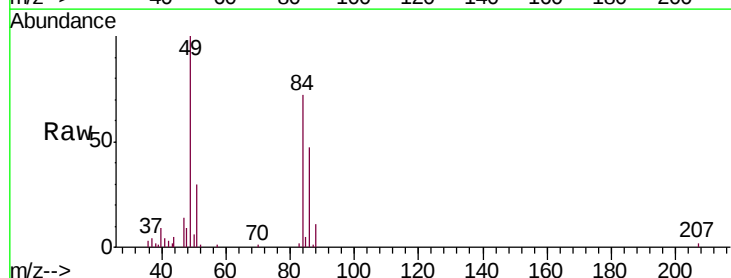
Tgt Ion: 84 Resp: 23512

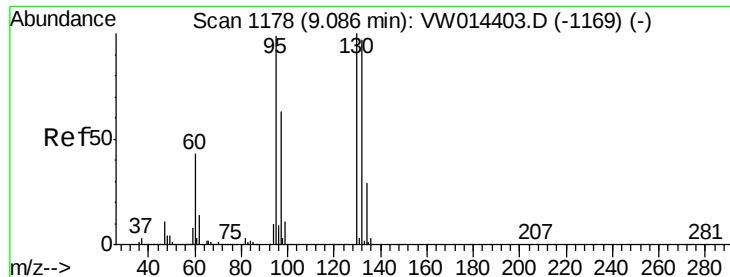
Ion Ratio Lower Upper

84 100

49 139.3 84.2 156.4

86 66.1 43.7 81.1





#35

Trichloroethene

Concen: 2.205 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW014415.D

Acq: 18 Dec 2019 01:46

Instrument :

MSVOA_W

ClientSampleId :

BFEY5

Tgt Ion: 95 Resp: 18594

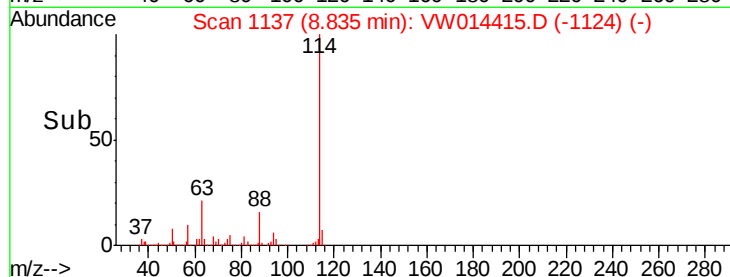
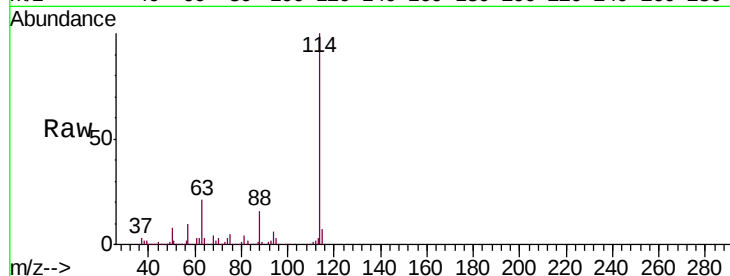
Ion Ratio Lower Upper

95 100

97 1.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

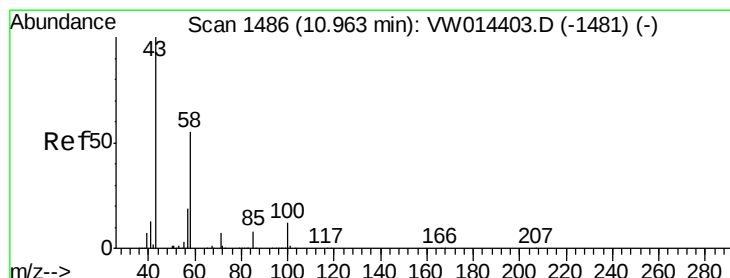
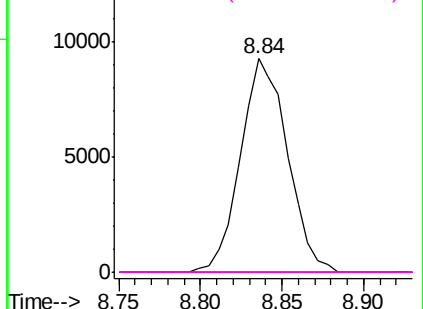


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#49

2-Hexanone

Concen: 5.886 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.01 min

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Tgt Ion: 43 Resp: 23394

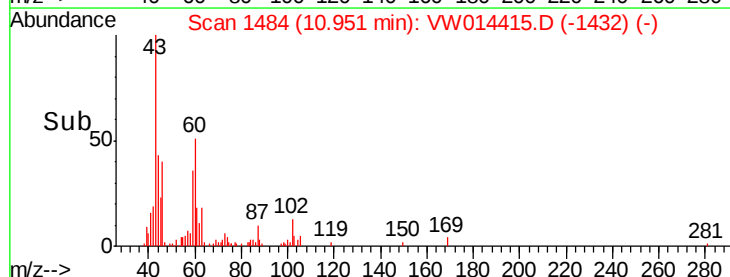
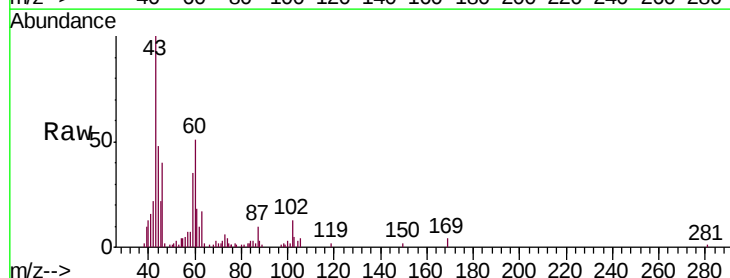
Ion Ratio Lower Upper

43 100

58 0.0 44.4 66.6#

57 0.0 16.5 24.7#

100 1.5 11.1 16.7#

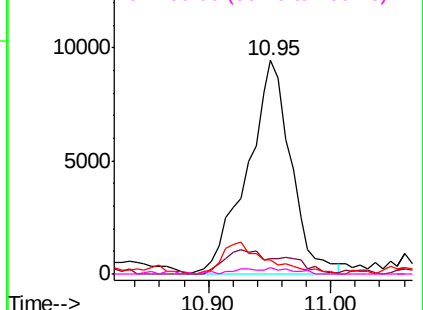


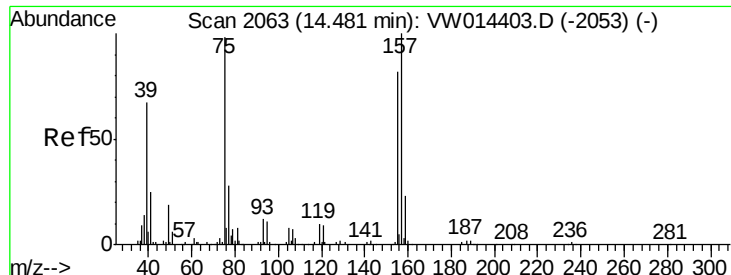
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#66

1,2-Dibromo-3-chloropropane

Concen: 1.633 ug/L

RT: 14.33 min Scan# 2039

Delta R.T. -0.15 min

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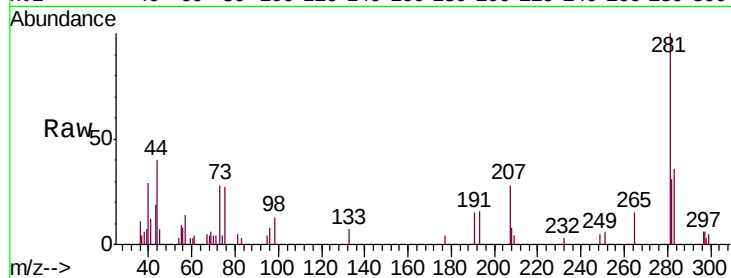
Tgt Ion: 75 Resp: 1077

Ion Ratio Lower Upper

75 100

157 0.0 96.9 145.3#

155 0.0 82.9 124.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

