

Data File : VW010982.D
Acq On : 25 Jun 2019 22:09
Operator : SY/VA
Sample : K3460-10
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANW4

Quant Time: Jun 26 04:41:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:33:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	272428	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251099	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99238	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69735	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
7) Chloroethane-d5	2.89	69	53932	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.24%
10) 1,1-Dichloroethene-d2	4.02	63	120278	14.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.64%
20) 2-Butanone-d5	7.07	46	93667	56.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.96%
24) Chloroform-d	7.65	84	175979	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.31	65	127665	28.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.12%
29) Benzene-d6	8.27	84	351916	23.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.36%
33) 1,2-Dichloropropane-d6	9.27	67	125872	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.32	98	305423	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.80%
38) trans-1,3-Dichloropropene-	10.58	79	48086	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.24%
39) 2-Hexanone-d5	10.92	63	62108	55.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110875	27.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	93628	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

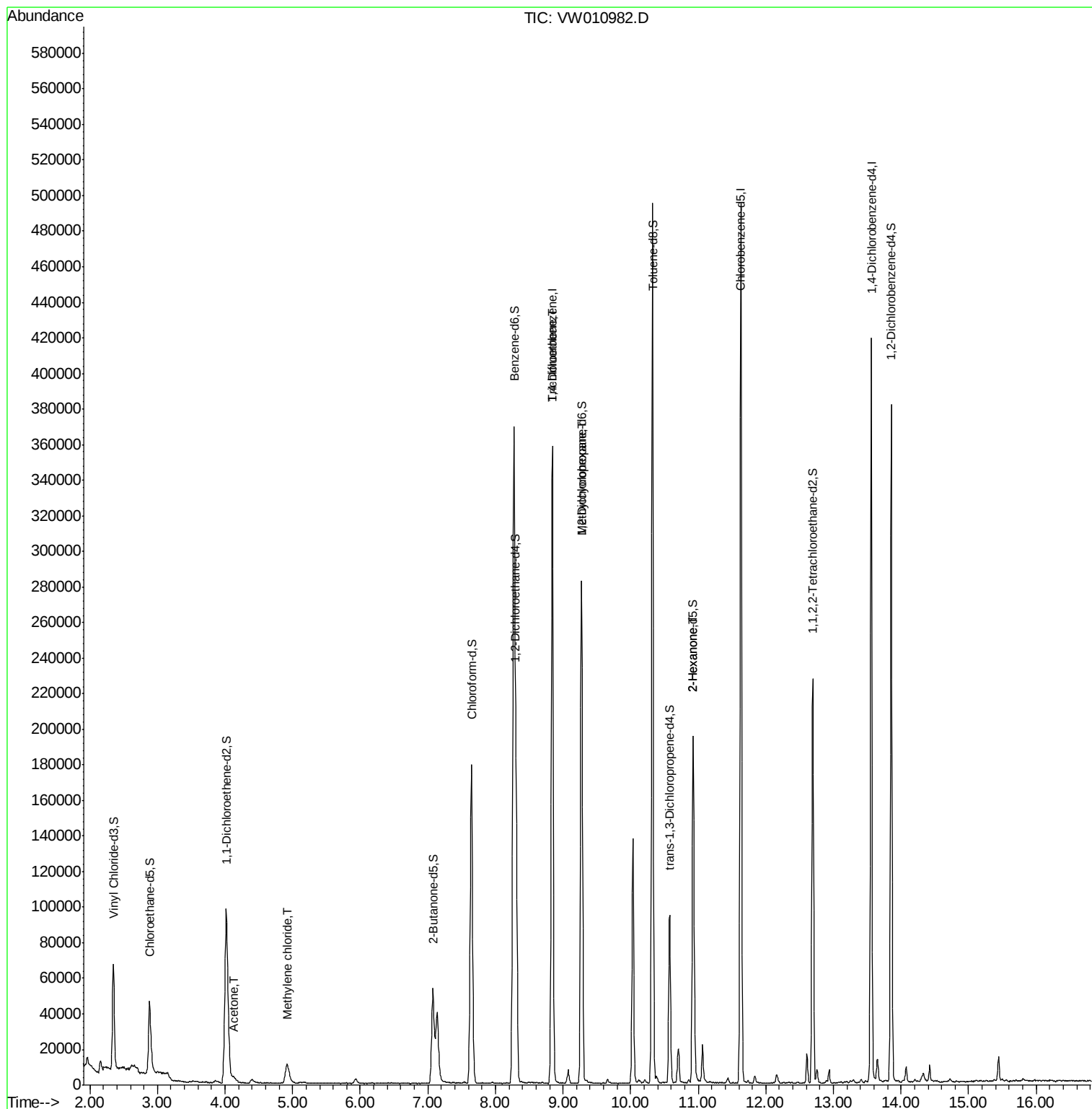
					Qvalue
13) Acetone	4.13	43	4546	2.863 ug/L	91
16) Methylene chloride	4.92	84	9222	2.286 ug/L	95
35) Trichloroethene	8.84	95	8514	2.035 ug/L #	7
36) Methylcyclohexane	9.27	83	28371	3.694 ug/L #	14
49) 2-Hexanone	10.92	43	14855	4.954 ug/L #	65

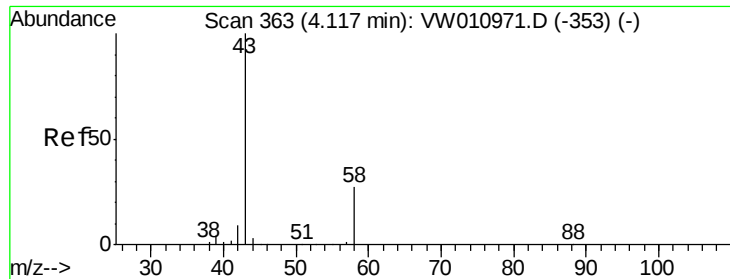
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.863 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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ClientSampleId :

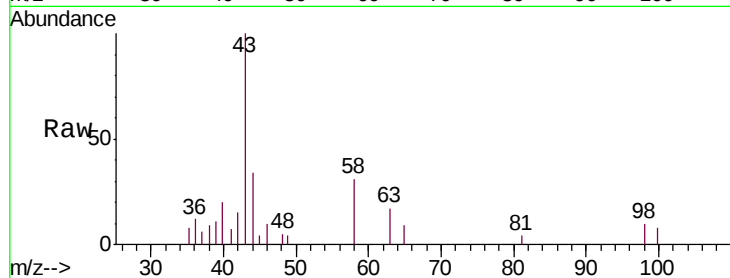
YANW4

Tgt Ion: 43 Resp: 4546

Ion Ratio Lower Upper

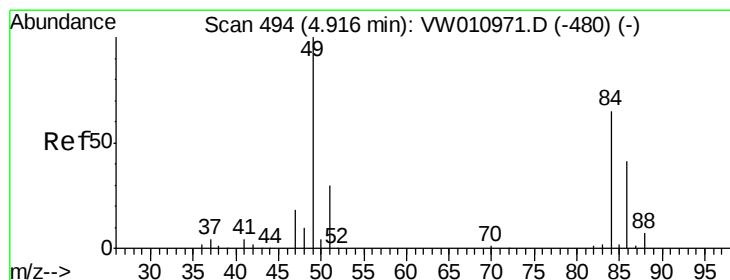
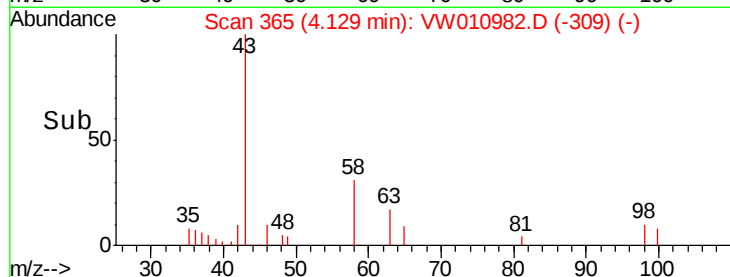
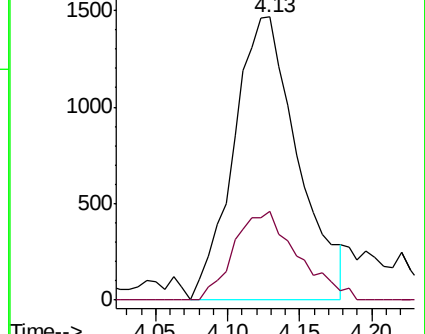
43 100

58 31.2 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.286 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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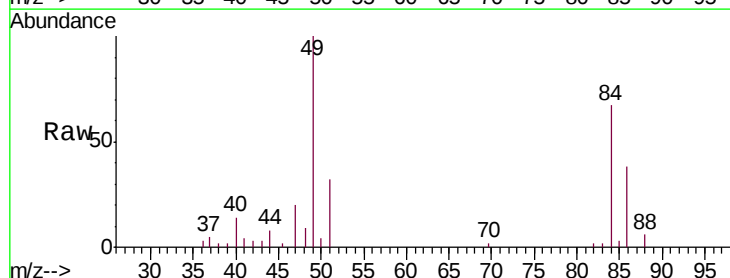
Tgt Ion: 84 Resp: 9222

Ion Ratio Lower Upper

84 100

49 148.5 107.0 198.8

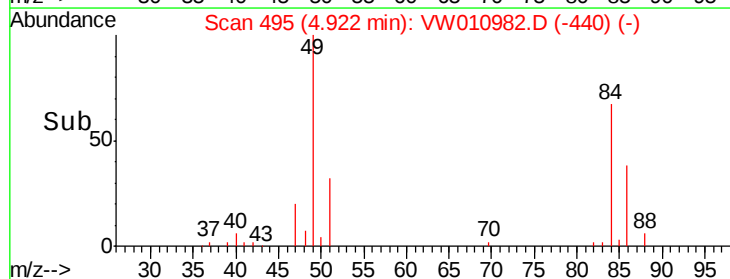
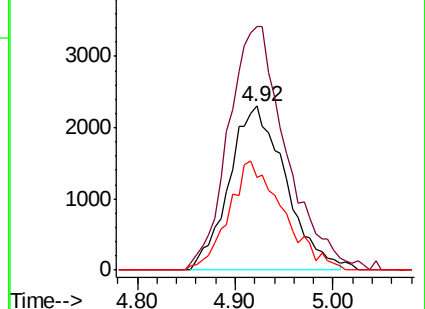
86 56.2 44.4 82.5

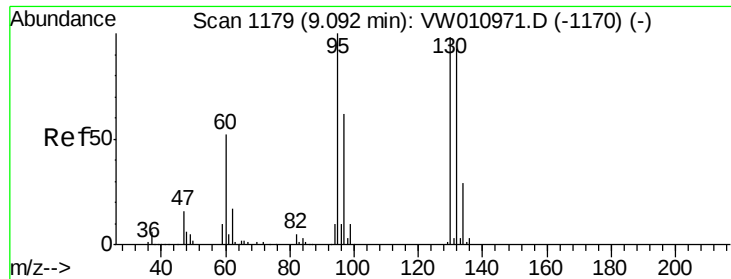


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.035 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 8514

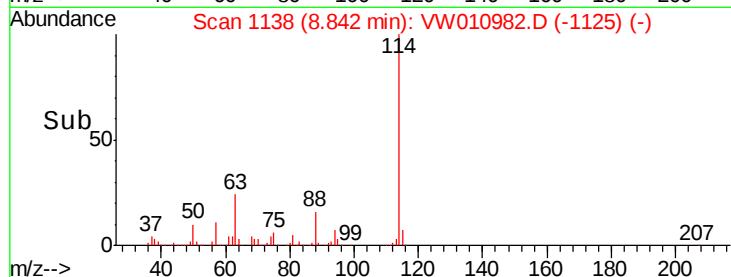
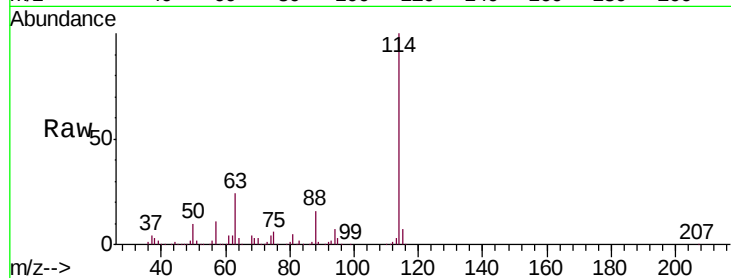
Ion Ratio Lower Upper

95 100

97 0.9 44.9 83.3#

132 1.0 64.0 119.0#

130 0.0 67.4 125.2#

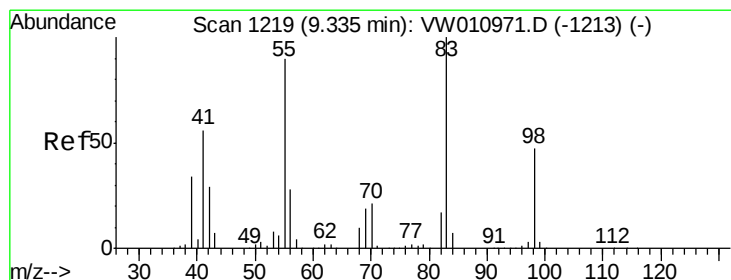
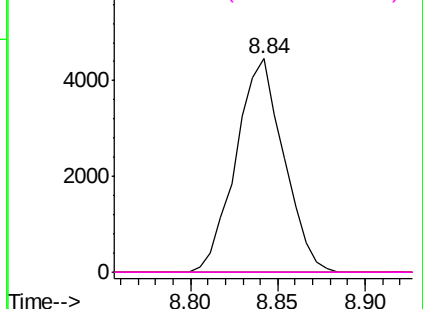


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.694 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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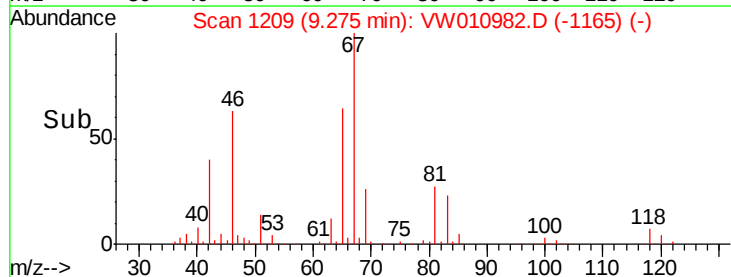
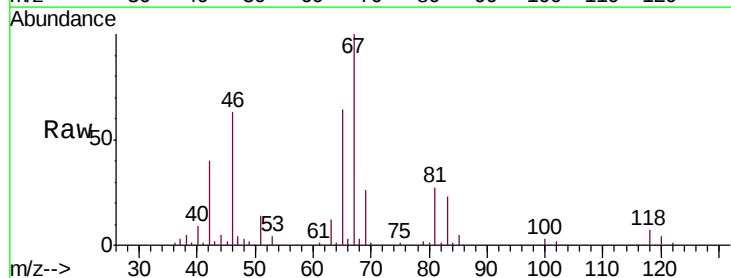
Tgt Ion: 83 Resp: 28371

Ion Ratio Lower Upper

83 100

55 0.9 72.2 108.2#

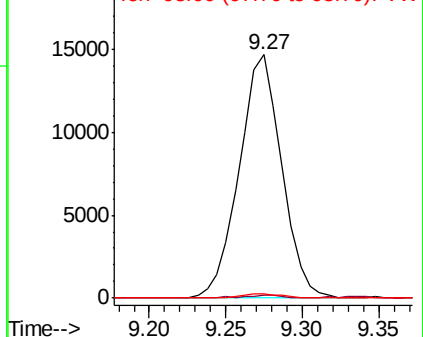
98 1.7 37.8 56.8#

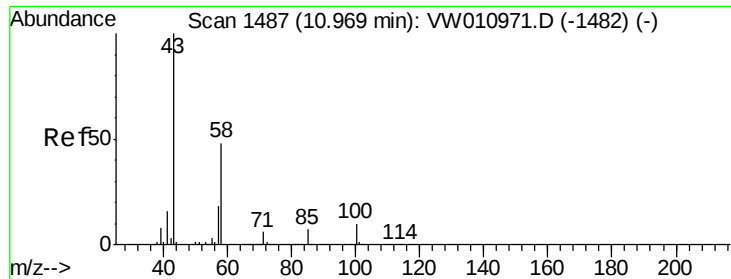


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#49

2-Hexanone

Concen: 4.954 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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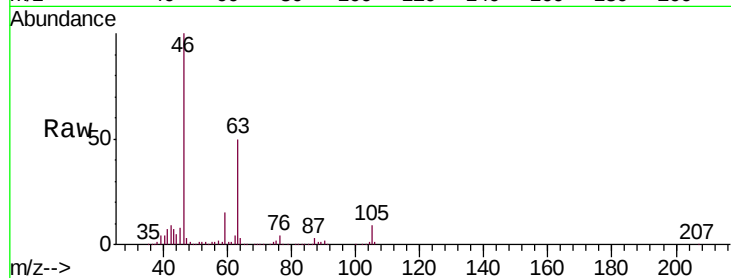
Acq: 25 Jun 2019 22:09

Instrument :

MSVOA_W

ClientSampleId :

YANW4



Tgt Ion: 43 Resp: 14855

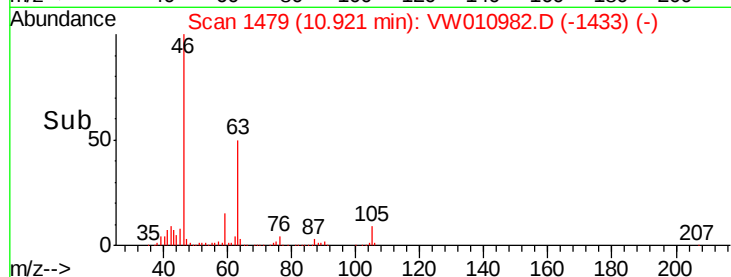
Ion Ratio Lower Upper

43 100

58 16.2 38.3 57.5#

57 13.8 13.8 20.8#

100 0.6 7.3 10.9#



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

