

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017897.D
 Acq On : 15 Jan 2021 15:01
 Operator : SY/VA
 Sample : M1132-11RE
 Misc : 5.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 02:08:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	387581	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125960	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	2.89	69	109779	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
10) 1,1-Dichloroethene-d2	4.02	63	170502	16.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.28%
20) 2-Butanone-d5	7.08	46	48392	49.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.58%
24) Chloroform-d	7.78	84	150	0.01	ug/L	0.13
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.30	65	131095	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.04%
29) Benzene-d6	8.27	84	453784	23.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.64%
33) 1,2-Dichloropropane-d6	9.27	67	133017	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.52%
37) Toluene-d8	10.32	98	416988	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.58	79	50682	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.24%
39) 2-Hexanone-d5	10.93	63	32726	48.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.52%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	94922	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	126550	22.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.36%

Target Compounds

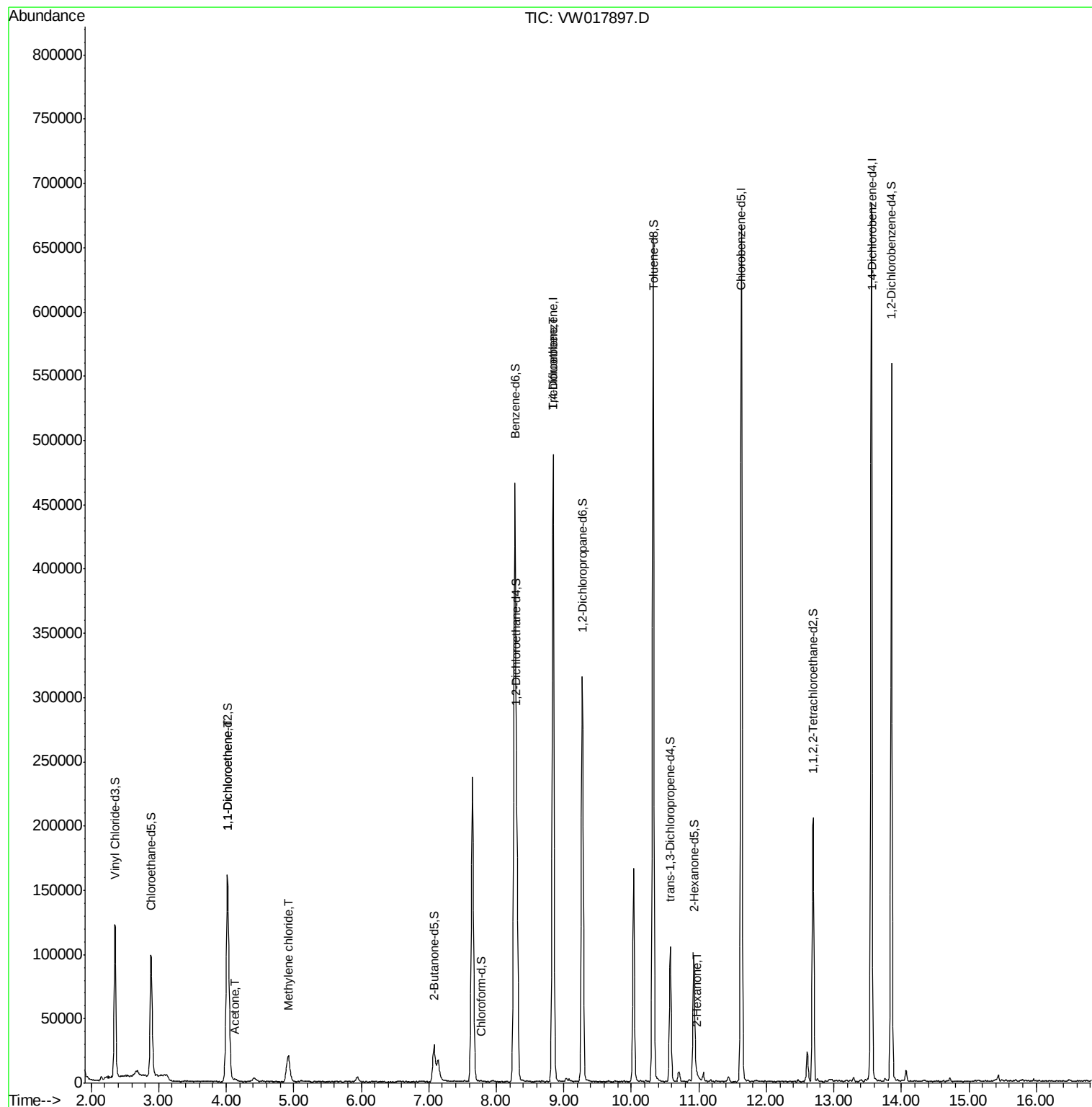
				Ovalue	
12) 1,1-Dichloroethene	4.01	96	1250	0.262 ug/L #	1
13) Acetone	4.12	43	3328	3.965 ug/L	71
16) Methylene chloride	4.92	84	17140	3.092 ug/L	87
35) Trichloroethene	8.84	95	12552	2.280 ug/L #	3
49) 2-Hexanone	10.98	43	1839	1.136 ug/L #	92

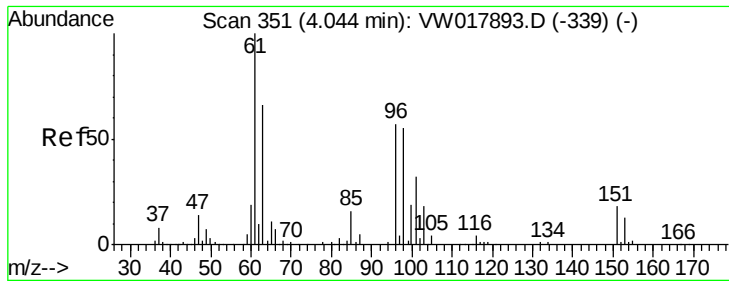
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.262 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.03 min

Lab File: VW017897.D

Acq: 15 Jan 2021 15:01

Instrument :

MSVOA_W

ClientSampleId :

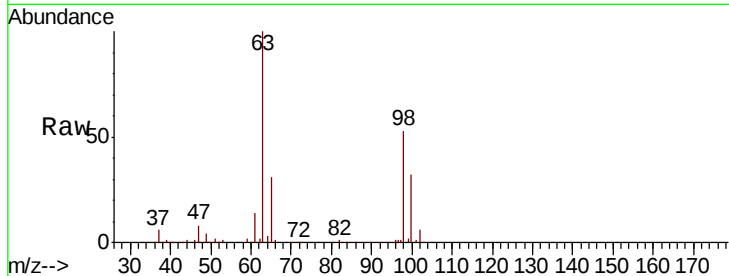
Tot Ion: 96 Resp: 1250

Ion Ratio Lower Upper

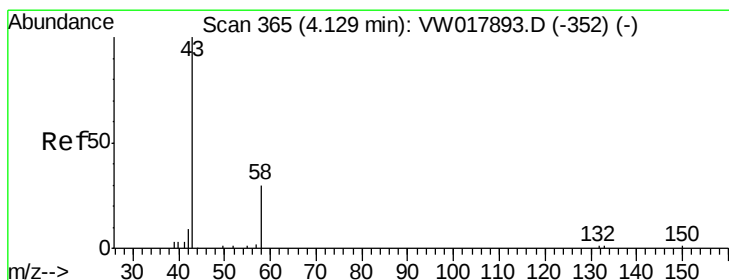
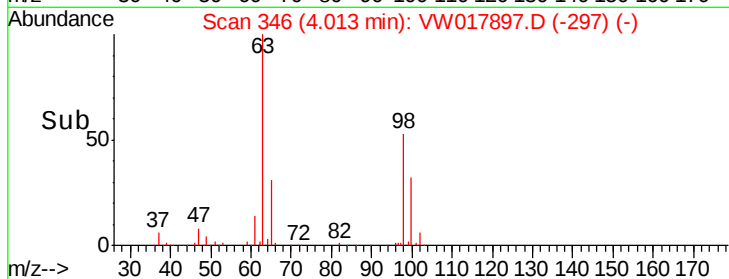
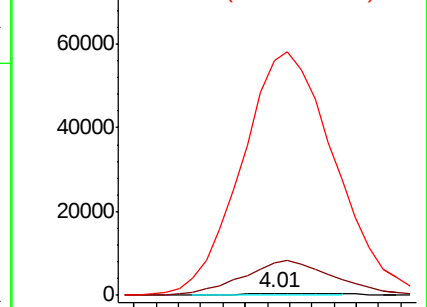
96 100

61 797.8 112.5 208.9#

63 5761.3 83.1 154.3#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 3.965 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017897.D

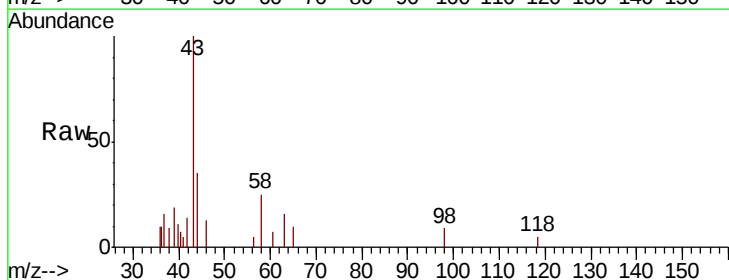
Acq: 15 Jan 2021 15:01

Tgt Ion: 43 Resp: 3328

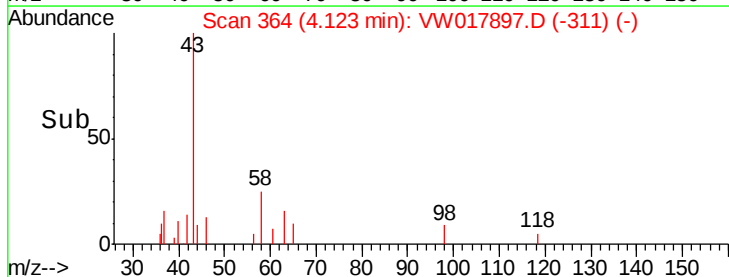
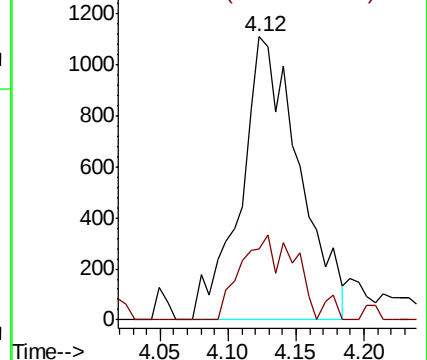
Ion Ratio Lower Upper

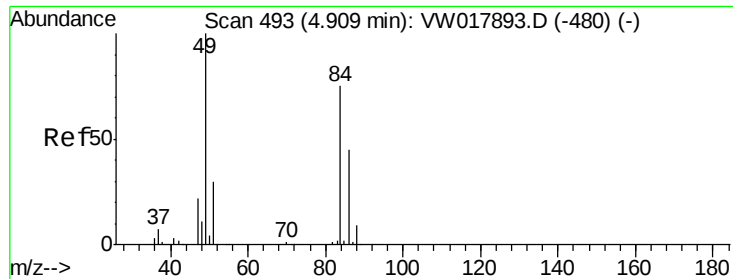
43 100

58 17.3 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

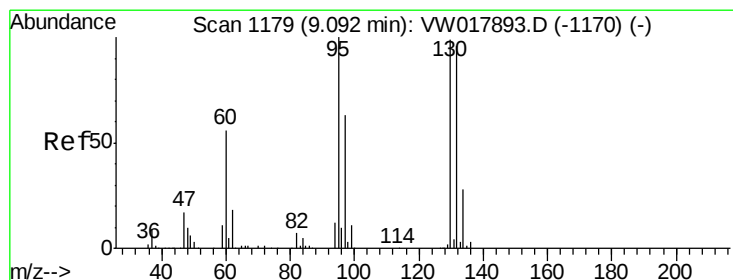
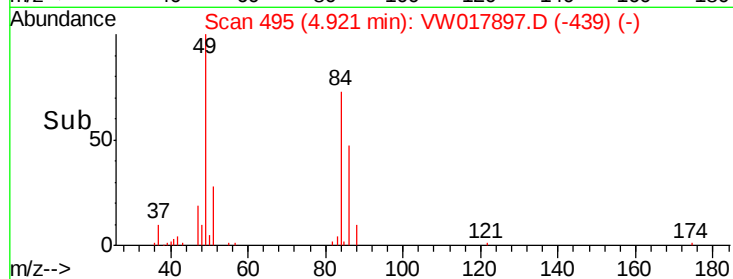
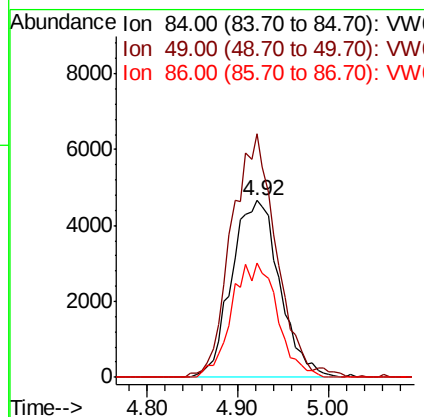
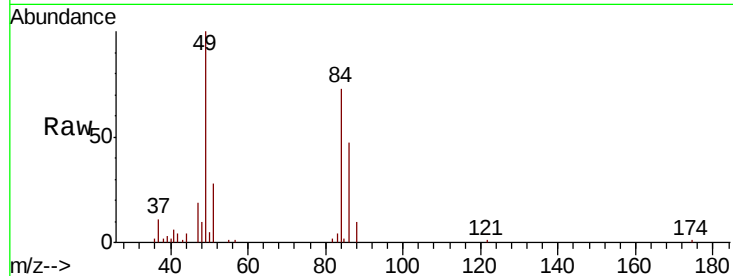




#16
Methvlene chloride
Concen: 3.092 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017897.D
Acq: 15 Jan 2021 15:01

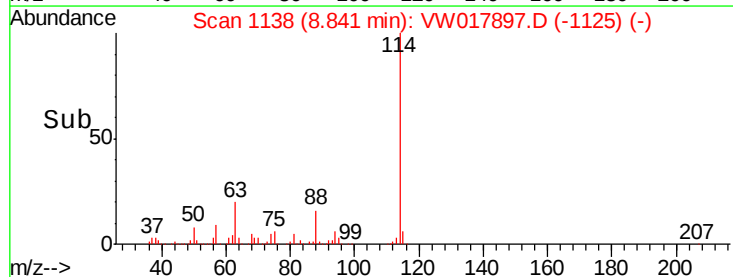
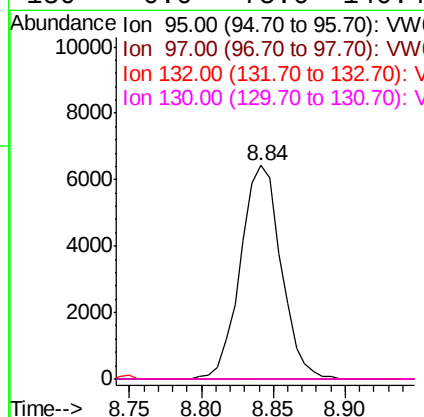
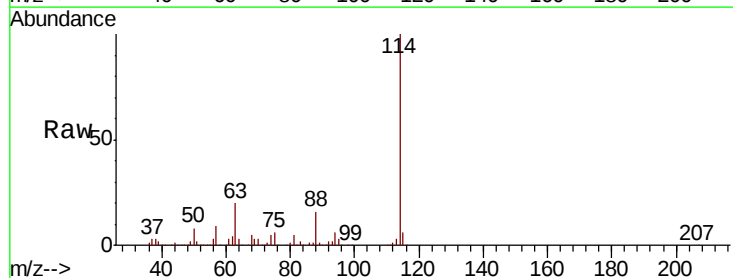
Instrument :
MSVOA_W
ClientSampleId :

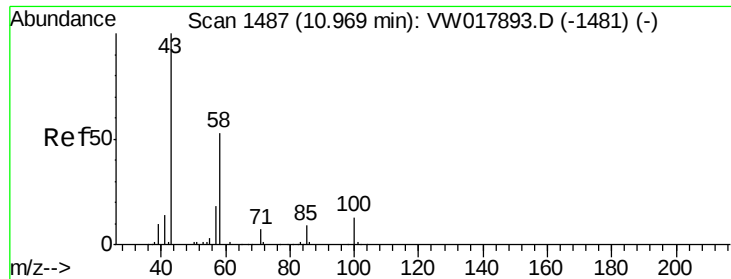
Tot Ion: 84 Resp: 17140
Ion Ratio Lower Upper
84 100
49 137.6 81.2 150.8
86 64.3 44.5 82.7



#35
Trichloroethene
Concen: 2.280 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017897.D
Acq: 15 Jan 2021 15:01

Tgt Ion: 95 Resp: 12552
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.2 71.0 131.8#
130 0.0 75.6 140.4#





#49

2-Hexanone

Concen: 1.136 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

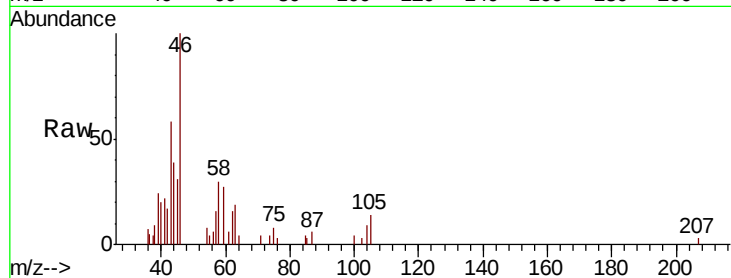
Lab File: VW017897.D

Acq: 15 Jan 2021 15:01

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 1839

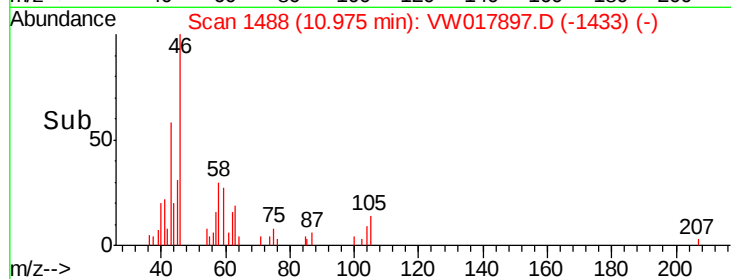
Ion Ratio Lower Upper

43 100

58 61.5 51.3 76.9

57 24.5 15.0 22.6#

100 5.7 12.2 18.2#



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): VW

