

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016812.D
 Acq On : 06 Oct 2020 23:05
 Operator : SY/VA
 Sample : L4209-08
 Misc : 5.85G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWT1

Quant Time: Oct 07 04:52:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	560677	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	465845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	193408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	164805	29.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.20%
7) Chloroethane-d5	2.90	69	135405	29.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.72%
10) 1,1-Dichloroethene-d2	4.03	63	232153	19.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.08%
20) 2-Butanone-d5	7.08	46	61291	48.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.84%
24) Chloroform-d	7.65	84	329436	27.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	8.31	65	165131	28.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.60%
29) Benzene-d6	8.28	84	673562	31.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.36%
33) 1,2-Dichloropropane-d6	9.28	67	181306	31.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.56%#
37) Toluene-d8	10.32	98	619376	31.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	124.08%
38) trans-1,3-Dichloropropene-	10.58	79	70884	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.08%
39) 2-Hexanone-d5	10.93	63	49149	55.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123965	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	180812	29.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.88%

Target Compounds

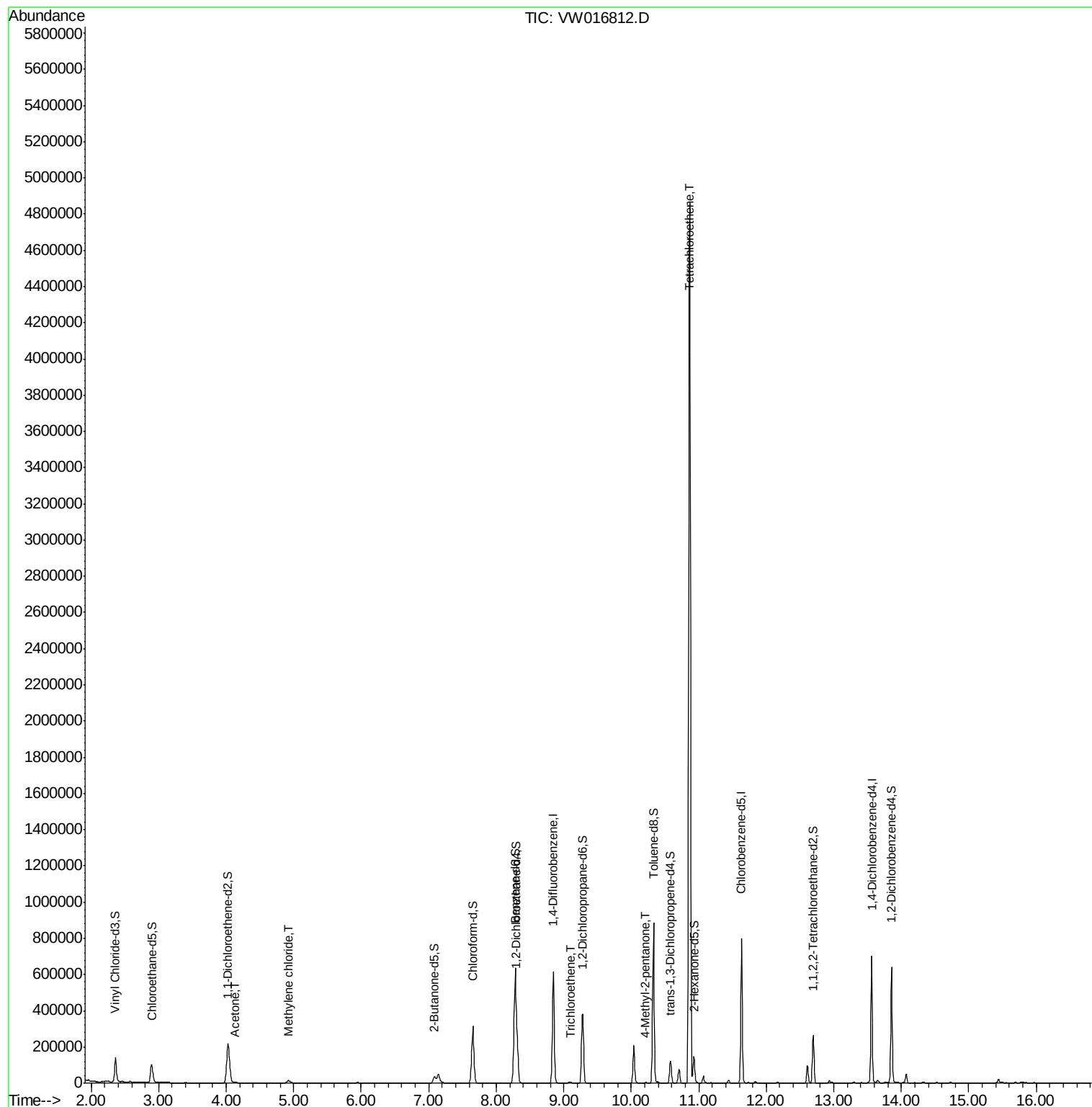
					Ovalue
13) Acetone	4.13	43	10315	10.880	ug/L 98
16) Methylene chloride	4.93	84	12424	1.606	ug/L 95
35) Trichloroethene	9.10	95	1517	0.214	ug/L 94
43) 4-Methyl-2-pentanone	10.21	43	2413	0.847	ug/L 96
47) Tetrachloroethene	10.87	164	1182959	180.318	ug/L 97

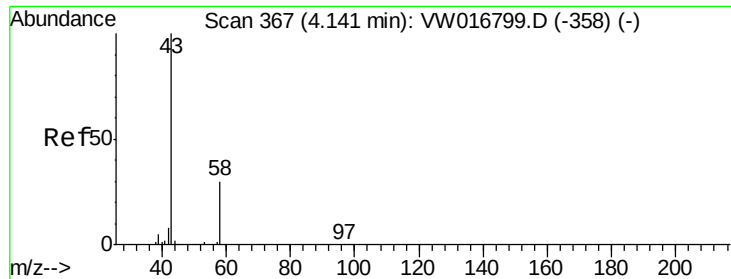
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.880 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016812.D

Acq: 06 Oct 2020 23:05

Instrument :

MSVOA_W

ClientSampled :

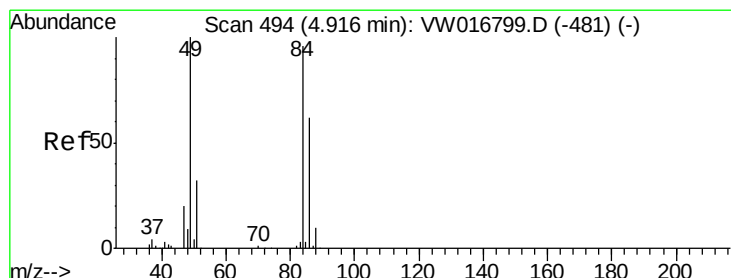
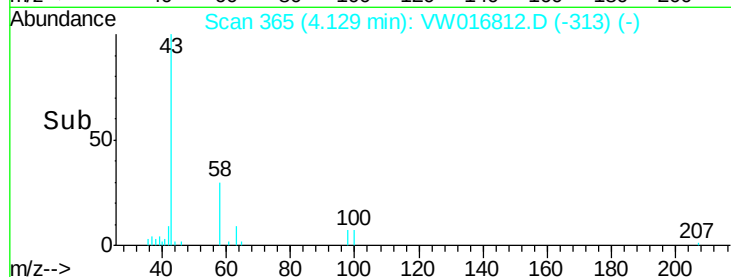
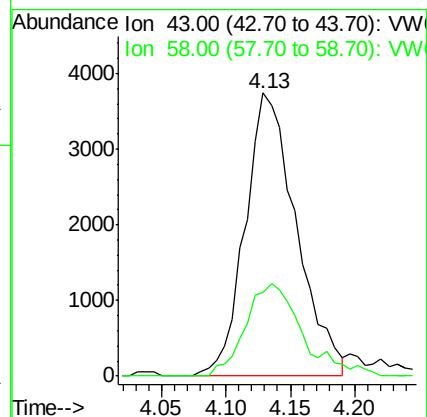
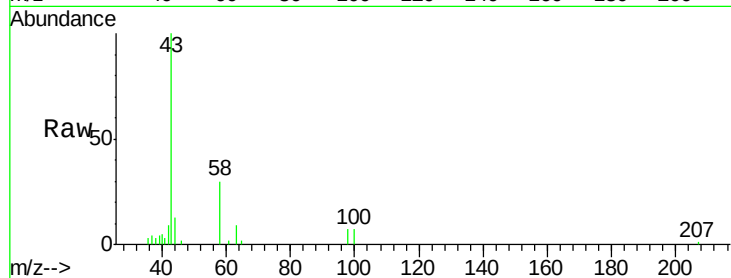
JLWT1

Tot Ion: 43 Resp: 10315

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.6



#16

Methylene chloride

Concen: 1.606 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016812.D

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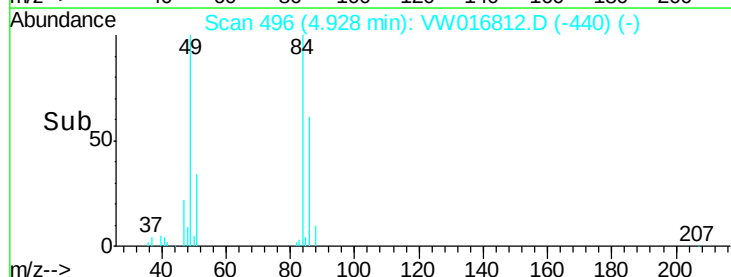
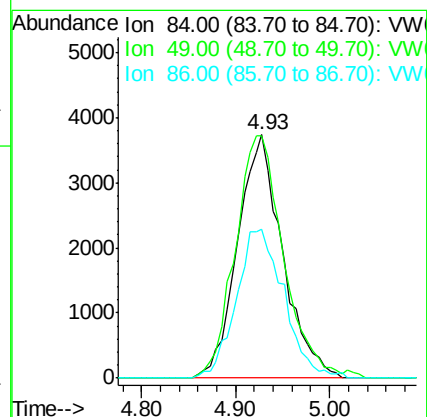
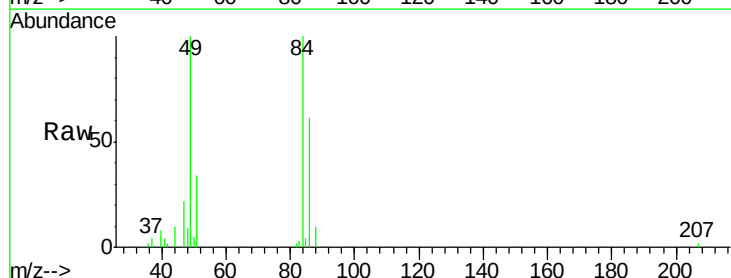
Tgt Ion: 84 Resp: 12424

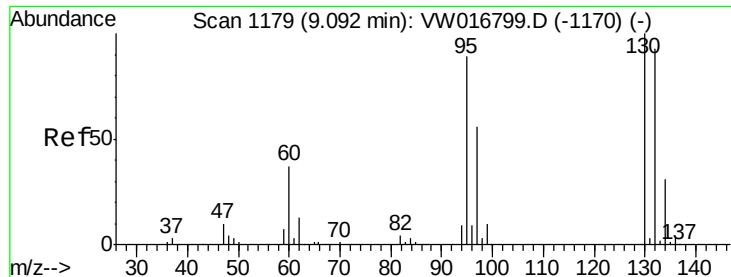
Ion Ratio Lower Upper

84 100

49 99.7 73.1 135.8

86 61.3 46.0 85.4





#35

Trichloroethene

Concen: 0.214 ug/L

RT: 9.10 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VW016812.D

Acq: 06 Oct 2020 23:05

Instrument :

MSVOA_W

ClientSampled :

JLWT1

Tot Ion: 95 Resp: 1517

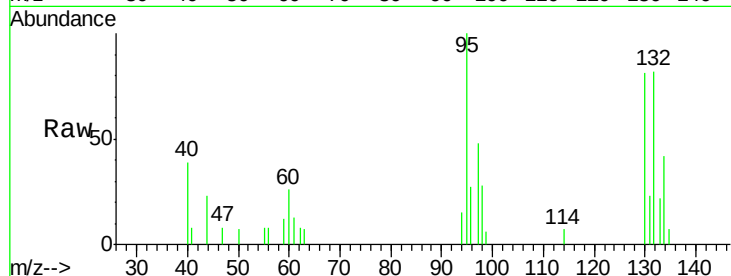
Ion Ratio Lower Upper

95 100

97 69.2 44.7 83.1

132 100.7 73.8 137.2

130 102.4 77.1 143.3

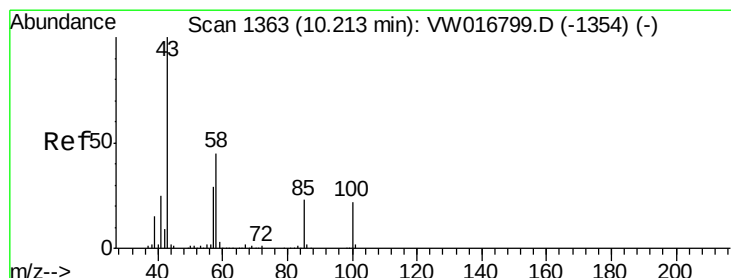
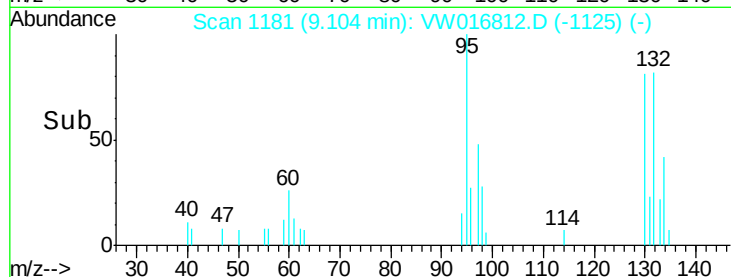
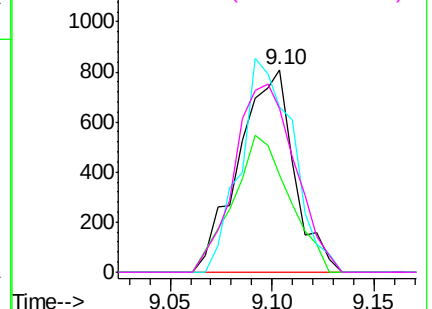


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#43

4-Methyl-2-pentanone

Concen: 0.847 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016812.D

Acq: 06 Oct 2020 23:05

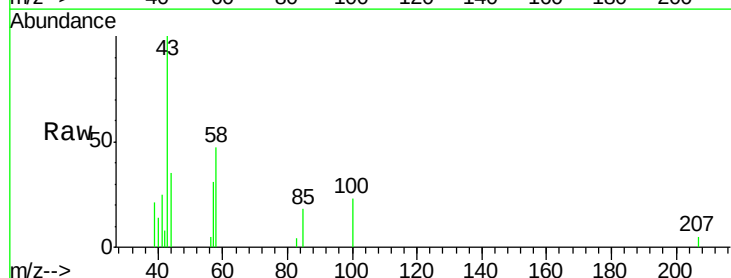
Tgt Ion: 43 Resp: 2413

Ion Ratio Lower Upper

43 100

58 46.4 34.7 52.1

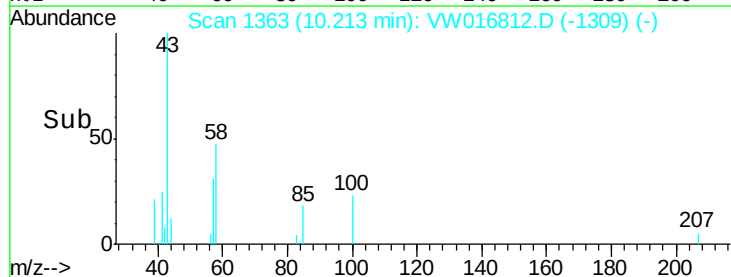
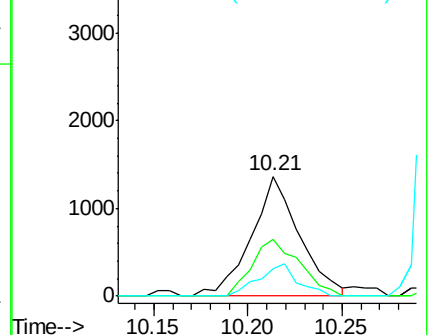
100 22.2 16.9 25.3

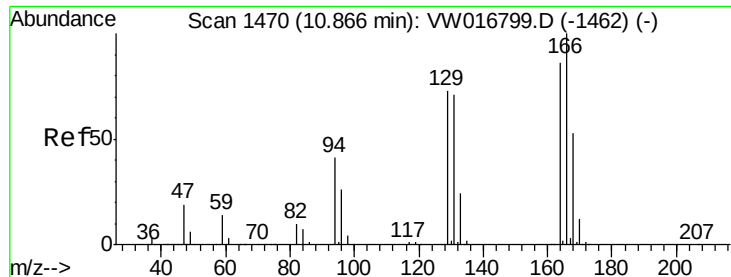


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): V





#47

Tetrachloroethene

Concen: 180.318 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016812.D

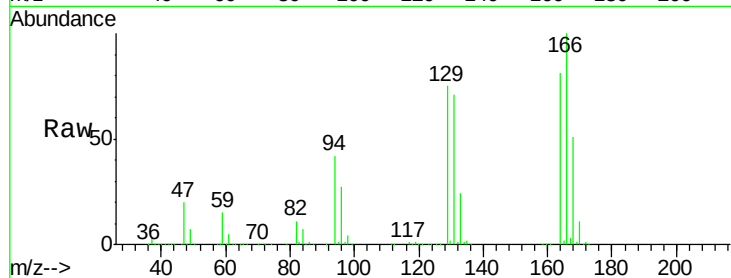
Acq: 06 Oct 2020 23:05

Instrument :

MSVOA_W

ClientSampleId :

JLWT1



Tot Ion:164 Resp: 1182959

Ion Ratio Lower Upper

164 100

129 92.7 61.7 114.7

131 87.9 59.7 110.9

166 124.2 88.3 164.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

