

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016924.D
 Acq On : 16 Oct 2020 12:59
 Operator : SY/VA
 Sample : VW1017SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 17 00:44:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	472278	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209237	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96900	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
7) Chloroethane-d5	2.89	69	83107	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.02	63	150533	15.22	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	7.08	46	59525	56.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.82%
24) Chloroform-d	7.65	84	230963	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	118453	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.44%
29) Benzene-d6	8.27	84	459791	23.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.84%
33) 1,2-Dichloropropane-d6	9.27	67	131441	24.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.76%
37) Toluene-d8	10.32	98	432407	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	52811	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	47881	58.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.30%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	113674	26.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	166550	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

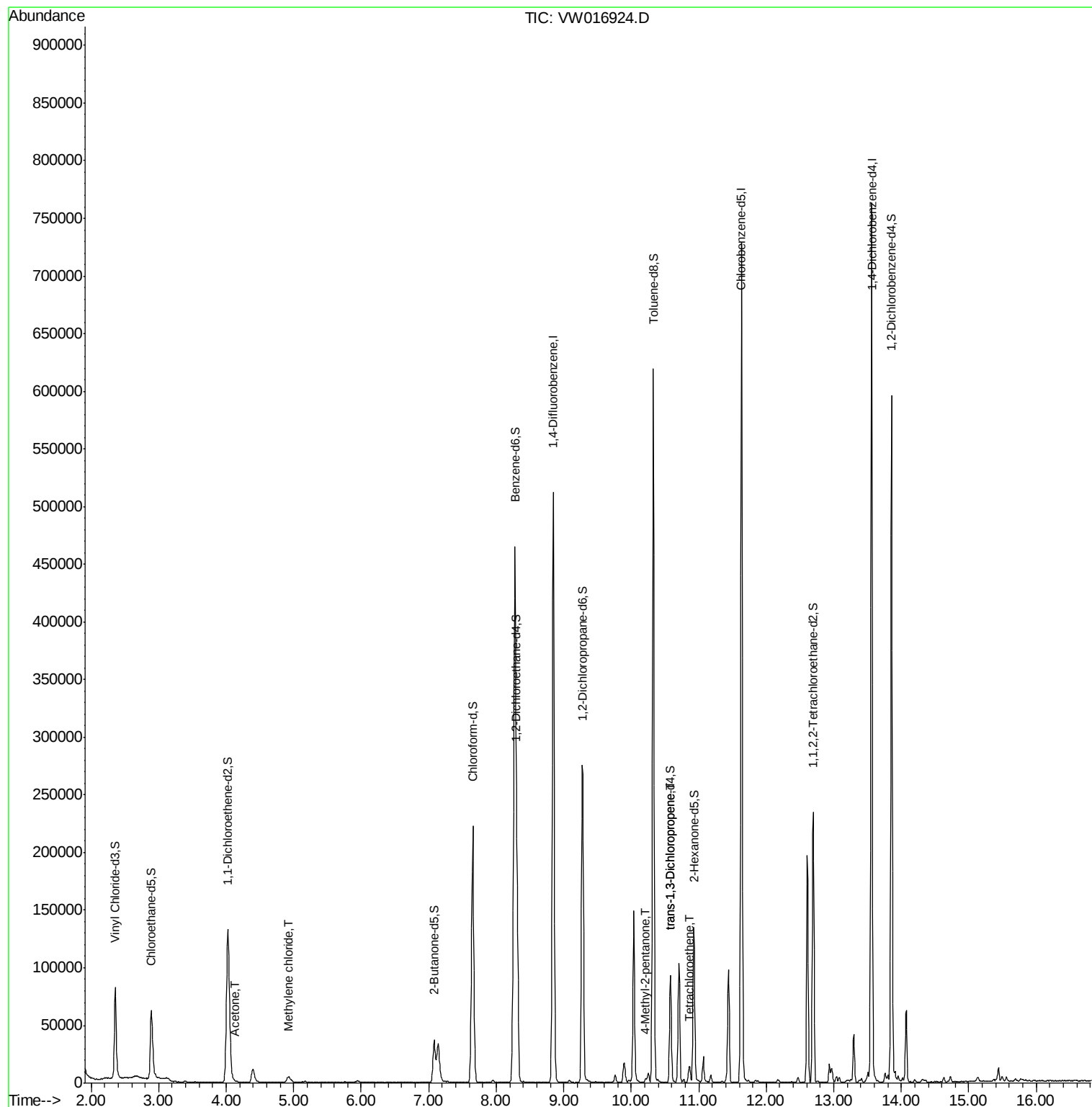
					Ovalue
13) Acetone	4.13	43	836	1.047 ug/L	84
16) Methylene chloride	4.92	84	4828	0.741 ug/L	90
43) 4-Methyl-2-pentanone	10.21	43	2145	0.804 ug/L	97
45) trans-1,3-Dichloropropene	10.59	75	2491	0.351 ug/L #	78
47) Tetrachloroethene	10.87	164	3208	0.522 ug/L	99

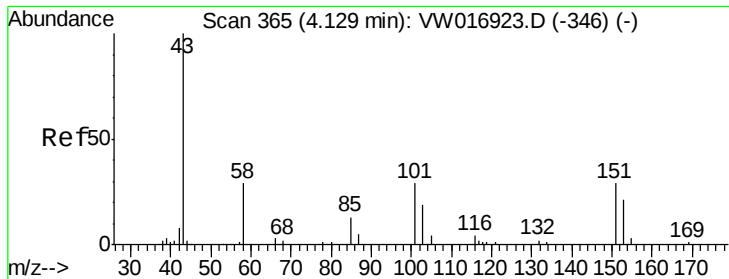
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 17 00:44:18 2020
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Quant Title : VOC Analysis
QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.047 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW016924.D

Acq: 16 Oct 2020 12:59

Instrument :

MSVOA_W

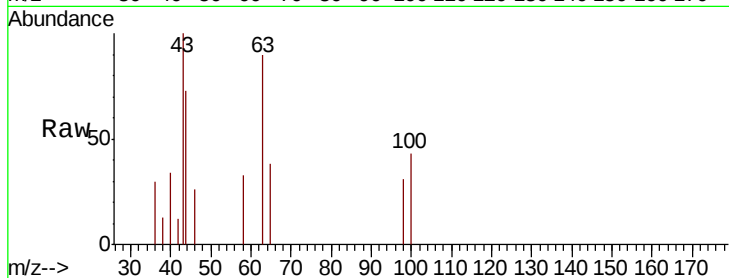
ClientSampled :

Tot Ion: 43 Resp: 836

Ion Ratio Lower Upper

43 100

58 42.9 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

4.14

4.15

4.16

4.17

4.18

4.19

4.20

4.21

4.22

4.23

4.24

4.25

4.26

4.27

4.28

4.29

4.30

4.31

4.32

4.33

4.34

4.35

4.36

4.37

4.38

4.39

4.40

4.41

4.42

4.43

4.44

4.45

4.46

4.47

4.48

4.49

4.50

4.51

4.52

4.53

4.54

4.55

4.56

4.57

4.58

4.59

4.60

4.61

4.62

4.63

4.64

4.65

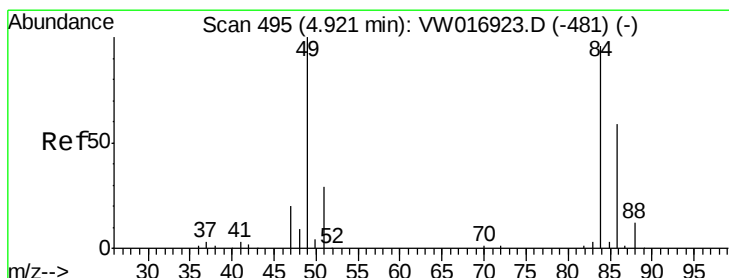
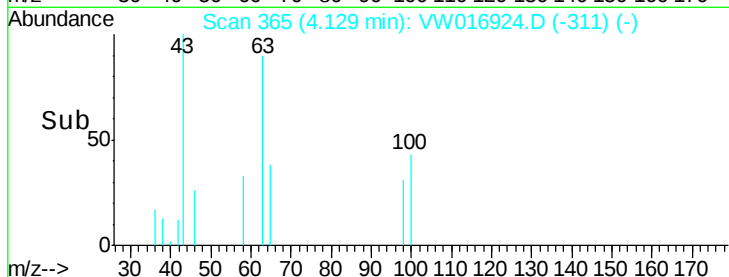
4.66

4.67

4.68

4.69

4.70



#16

Methylene chloride

Concen: 0.741 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016924.D

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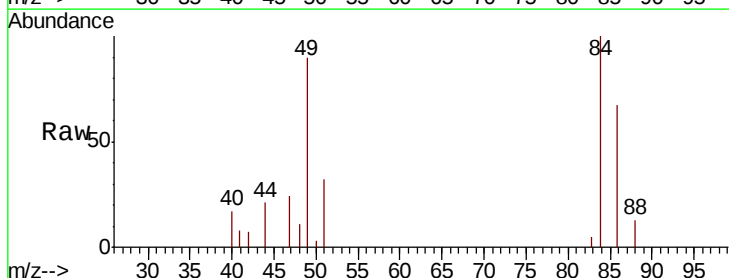
Tgt Ion: 84 Resp: 4828

Ion Ratio Lower Upper

84 100

49 89.7 73.1 135.8

86 67.4 46.0 85.4



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

4.92

4.93

4.94

4.95

4.96

4.97

4.98

4.99

5.00

5.01

5.02

5.03

5.04

5.05

5.06

5.07

5.08

5.09

5.10

5.11

5.12

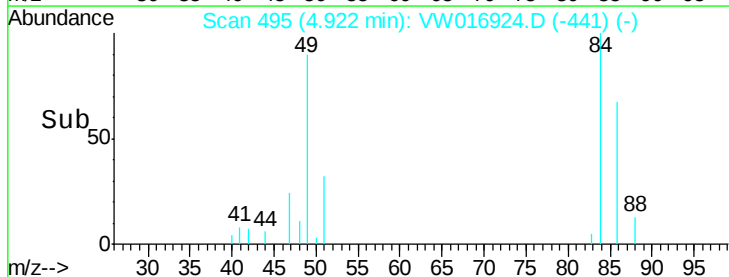
5.13

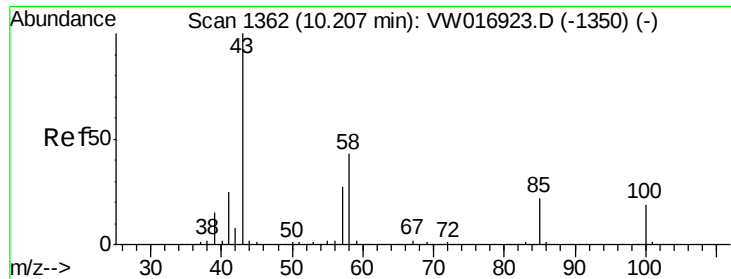
5.14

5.15

5.16

5.17





#43

4-Methyl-2-pentanone

Concen: 0.804 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW016924.D

Acq: 16 Oct 2020 12:59

Instrument :

MSVOA_W

ClientSampleId :

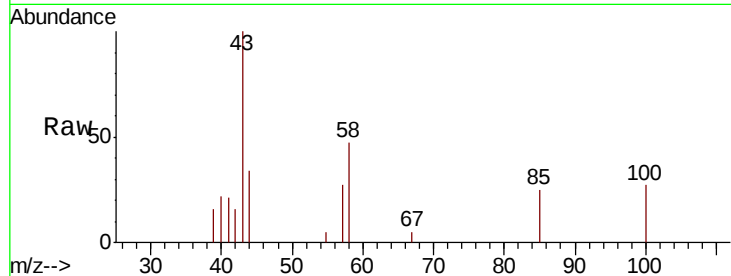
Tot Ion: 43 Resp: 2145

Ion Ratio Lower Upper

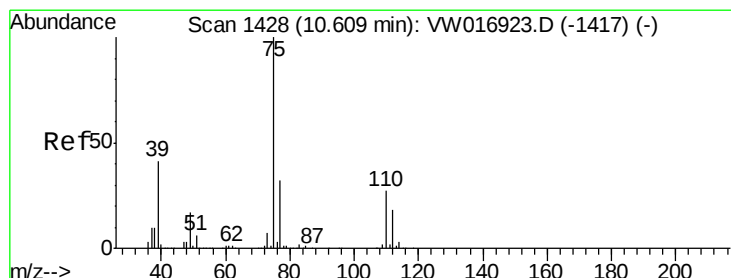
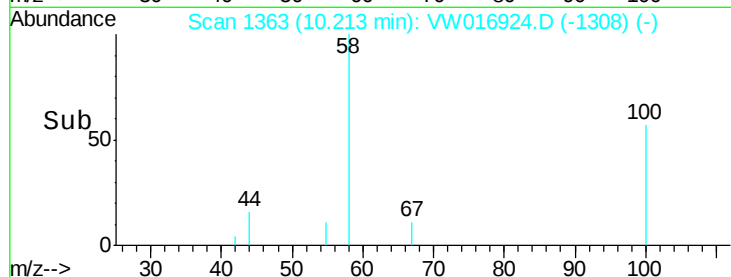
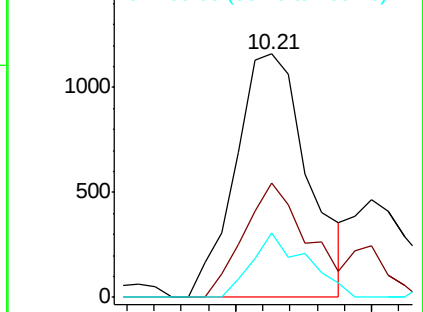
43 100

58 41.1 34.7 52.1

100 19.9 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): VW



#45

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016924.D

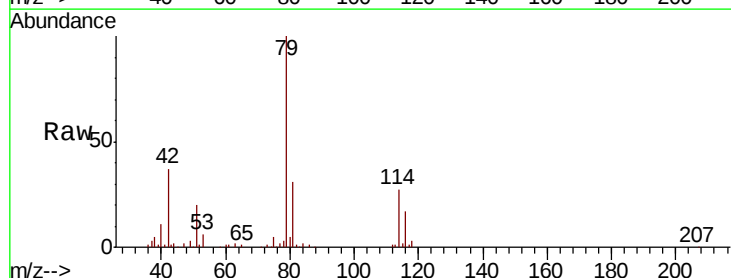
Acq: 16 Oct 2020 12:59

Tgt Ion: 75 Resp: 2491

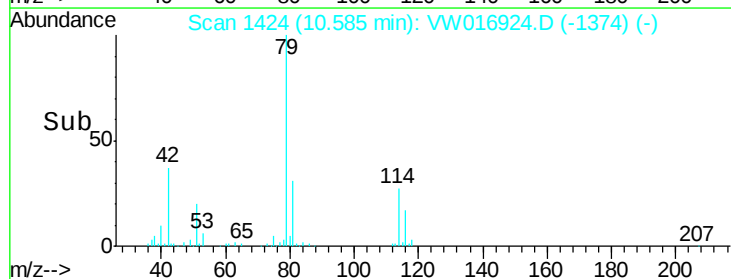
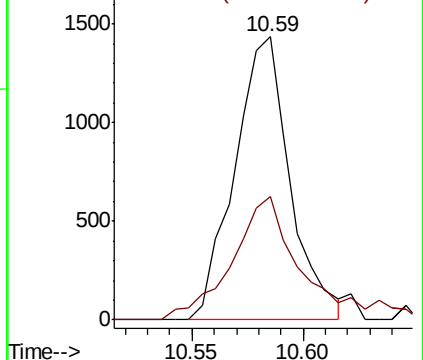
Ion Ratio Lower Upper

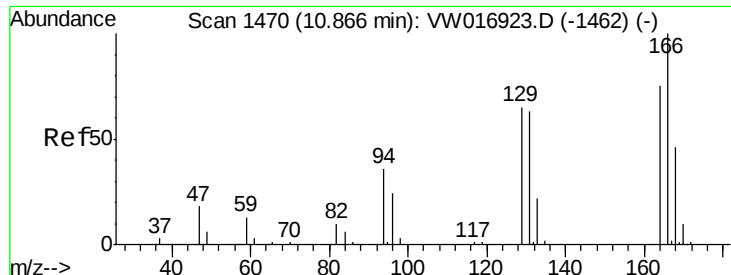
75 100

77 43.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.522 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

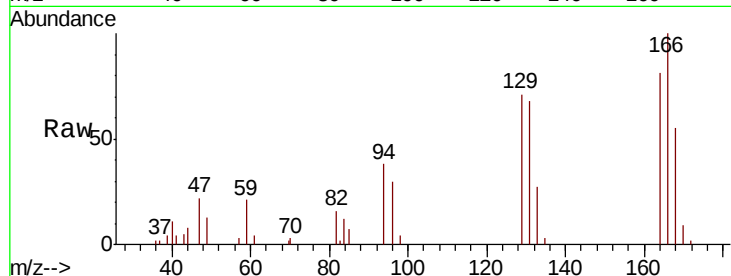
Lab File: VW016924.D

Acq: 16 Oct 2020 12:59

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:164 Resp: 3208

Ion Ratio Lower Upper

164 100

129 88.1 61.7 114.7

131 84.6 59.7 110.9

166 123.8 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

