

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008073.D
 Acq On : 04 Oct 2018 20:35
 Operator : SY/MD
 Sample : J5247-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J91

Quant Time: Oct 05 06:33:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	81448	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17636	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.59	69	16764	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.14	63	28543	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.96	46	69690	53.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.12%
24) Chloroform-d	4.41	84	47138	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	25745	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.10	84	87503	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.13	67	29478	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	78522	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.67	79	9223	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.14	63	45038	44.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21848	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	34936	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

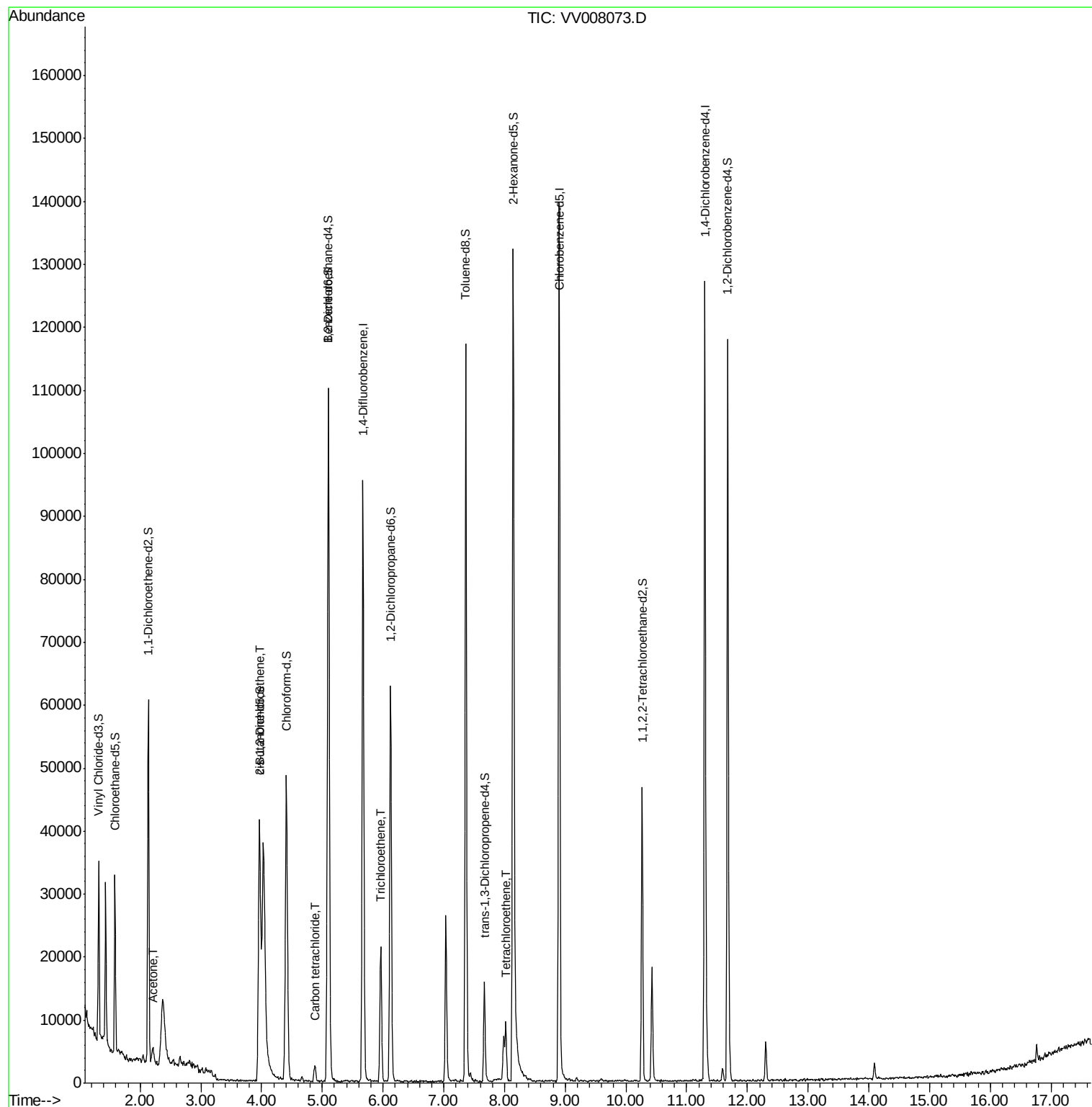
					Qvalue
13) Acetone	2.21	43	2861	2.990 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	1736	0.289 ug/L	97
31) Carbon tetrachloride	4.88	117	1974	0.239 ug/L	97
34) Trichloroethene	5.96	95	6837	1.069 ug/L	94
47) Tetrachloroethene	8.02	164	2347	0.396 ug/L	92

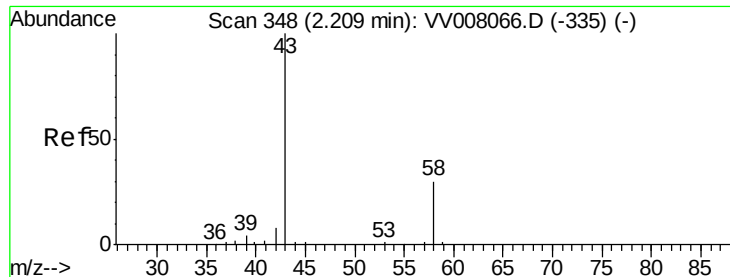
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.990 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV008073.D

Acq: 04 Oct 2018 20:35

Instrument :

MSVOA_V

ClientSampled :

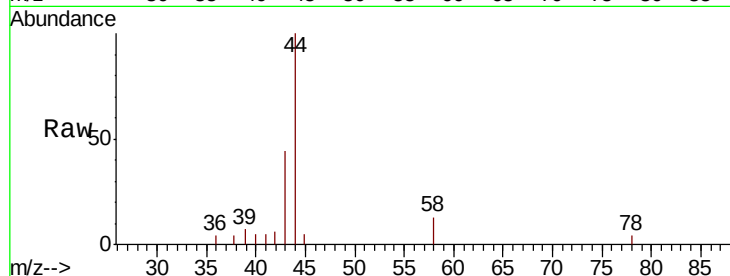
C0J91

Tgt Ion: 43 Resp: 2861

Ion Ratio Lower Upper

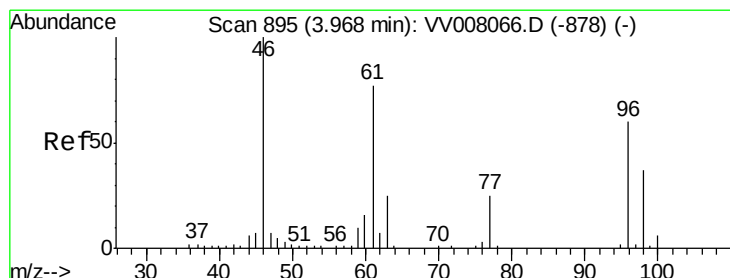
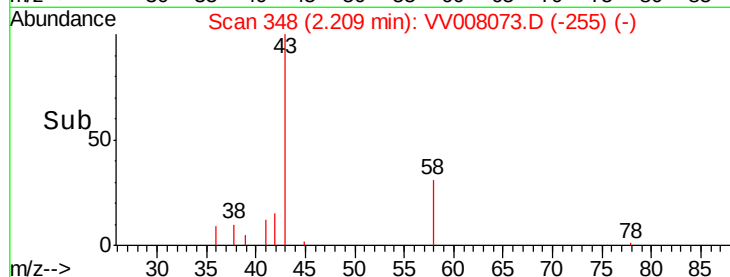
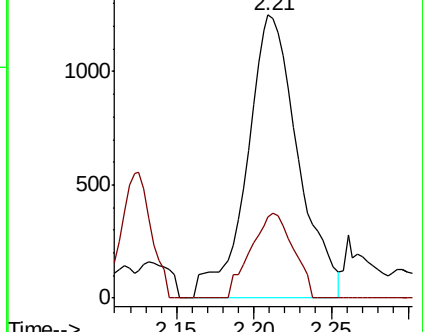
43 100

58 25.0 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV008066.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008066.D (-335) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.289 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008073.D

Acq: 04 Oct 2018 20:35

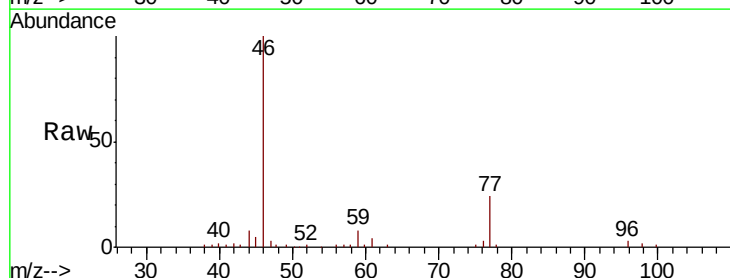
Tgt Ion: 96 Resp: 1736

Ion Ratio Lower Upper

96 100

61 131.2 89.5 166.1

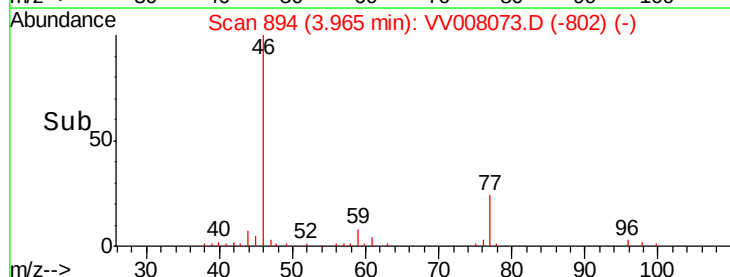
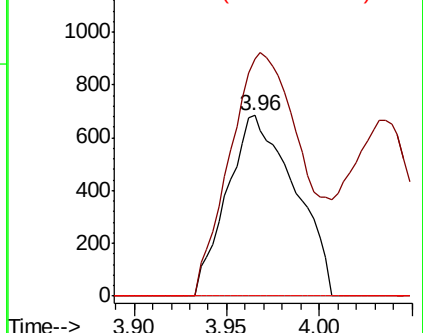
68 0.0 0.0 0.0

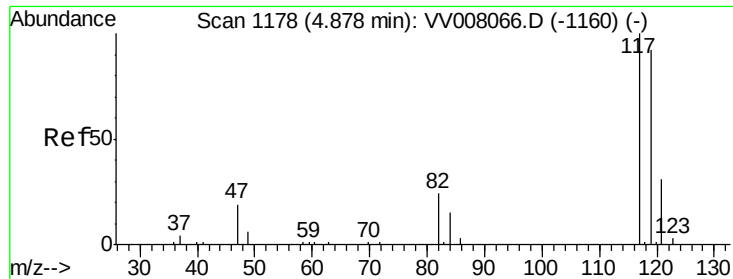


Abundance Ion 96.00 (95.70 to 96.70): VV008066.D (-878) (-)

Ion 61.05 (60.75 to 61.75): VV008066.D (-878) (-)

Ion 68.15 (67.85 to 68.85): VV008066.D (-878) (-)





#31

Carbon tetrachloride

Concen: 0.239 ug/L

RT: 4.88 min Scan# 1180

Delta R.T. 0.01 min

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ClientSampleId :

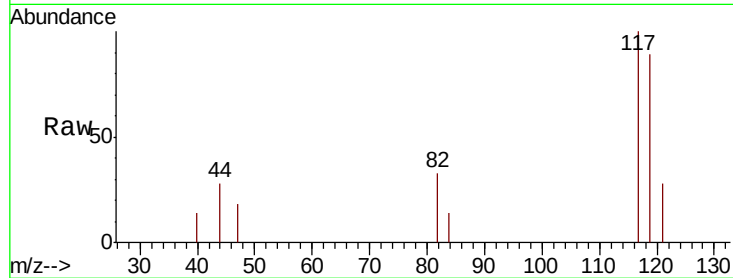
C0J91

Tgt Ion: 117 Resp: 1974

Ion Ratio Lower Upper

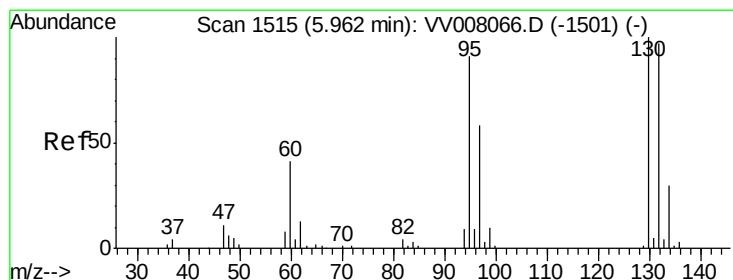
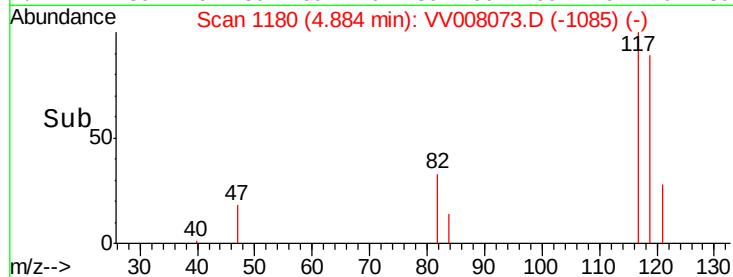
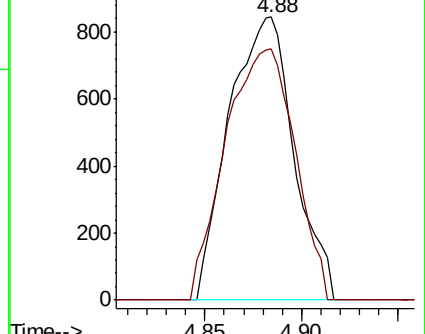
117 100

119 94.8 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.069 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008073.D

Acq: 04 Oct 2018 20:35

Tgt Ion: 95 Resp: 6837

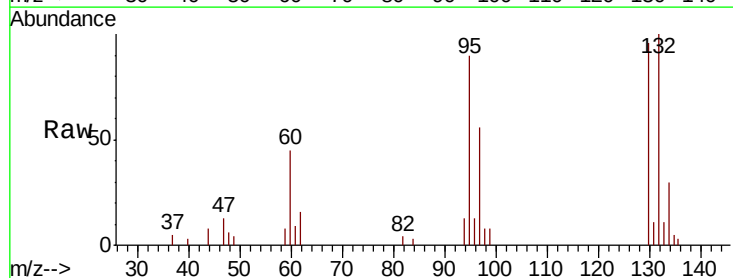
Ion Ratio Lower Upper

95 100

97 62.6 43.6 81.0

132 111.6 69.9 129.9

130 107.4 71.7 133.3

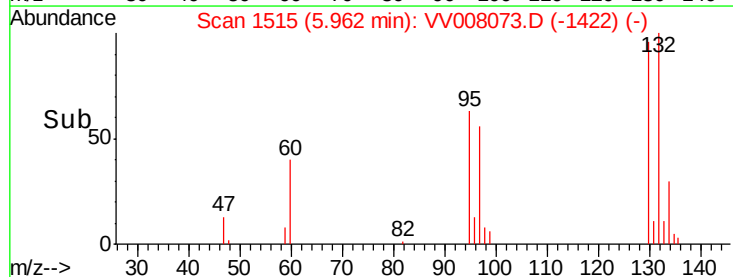
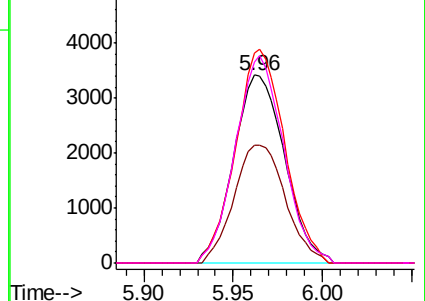


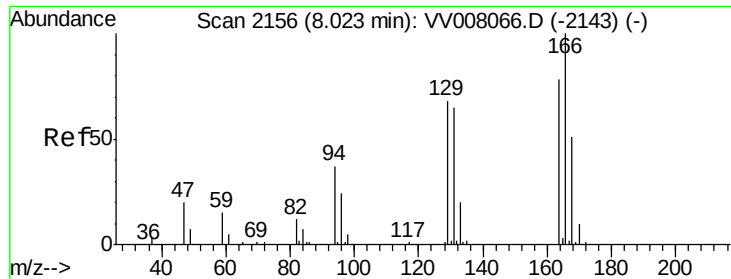
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.396 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008073.D

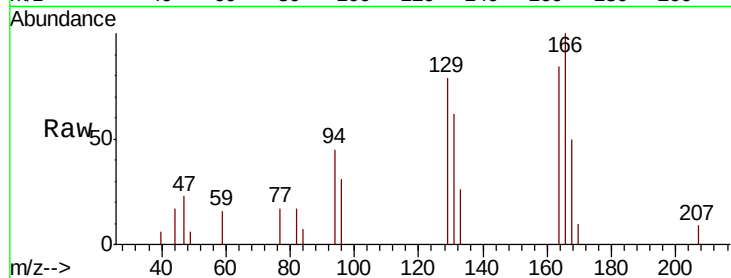
Acq: 04 Oct 2018 20:35

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 2347

Ion Ratio Lower Upper

164 100

129 93.8 59.2 110.0

131 74.2 57.1 106.1

166 119.0 88.6 164.6

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

