

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013120\
 Data File : VU036663.D
 Acq On : 01 Feb 2020 00:43
 Operator : JC/MD
 Sample : L1326-04 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCS6

Quant Time: Feb 01 01:03:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 00:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265757	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	242523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97929	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122066	50.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.76%
7) Chloroethane-d5	1.93	69	102118	52.34	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.68%
11) 1,1-Dichloroethene-d2	2.59	63	147374	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
21) 2-Butanone-d5	4.68	46	137494	92.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.18%
24) Chloroform-d	5.11	84	174899	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.75	65	123079	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.77	84	395425	53.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.70%
36) 1,2-Dichloropropane-d6	6.73	67	129887	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.60%
41) Toluene-d8	7.93	98	357330	52.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.50%
43) trans-1,3-Dichloropropene-	8.21	79	58614	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.67	63	144974	107.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	174506	50.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	108096	52.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.74%

Target Compounds

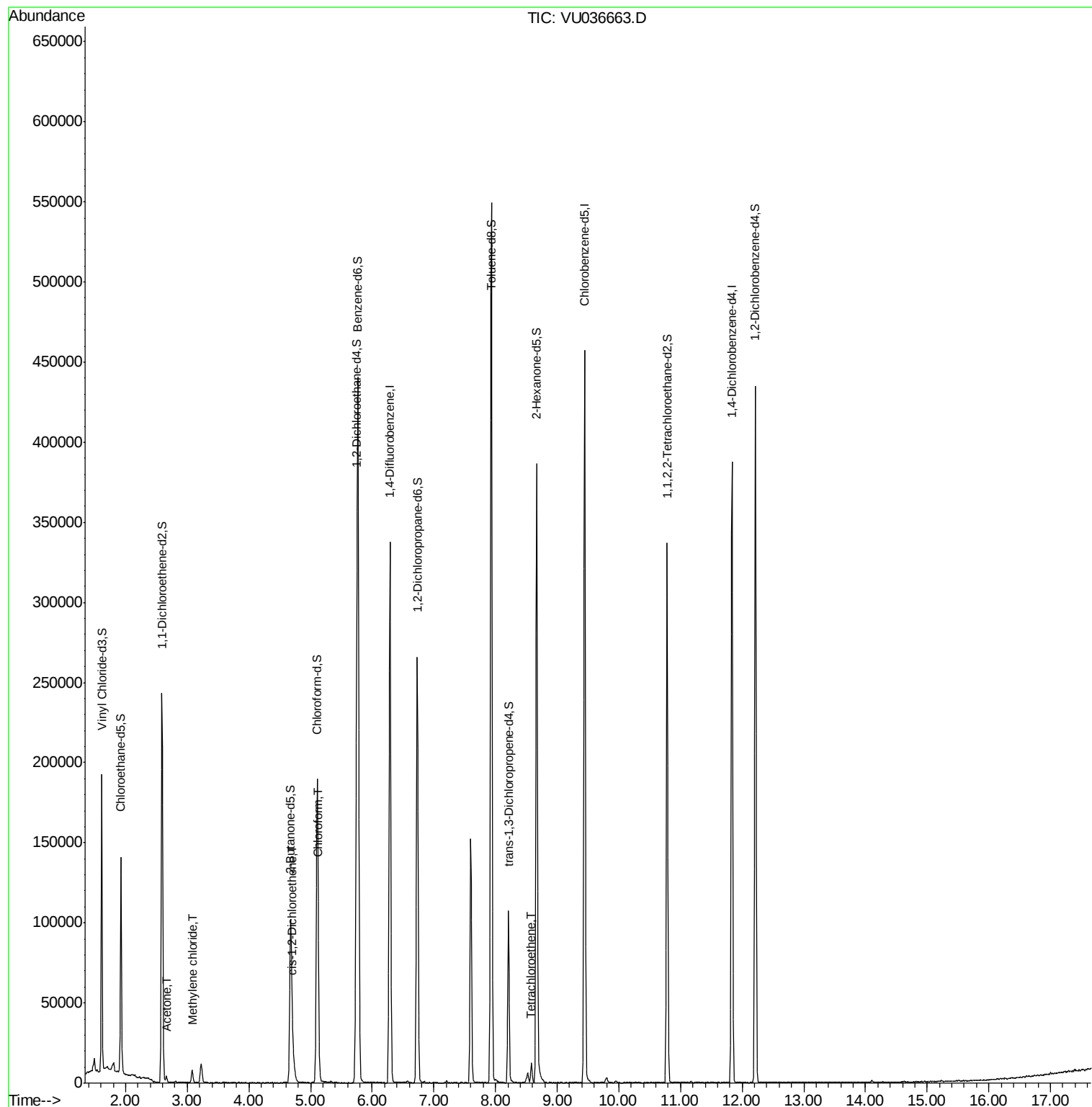
					Ovalue
13) Acetone	2.66	43	3984	3.141 ug/L	97
16) Methylene chloride	3.08	84	4007	1.890 ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	2932	1.417 ug/L	94
25) Chloroform	5.13	83	8063	2.343 ug/L	94
46) Tetrachloroethene	8.58	164	2579	1.864 ug/L	93

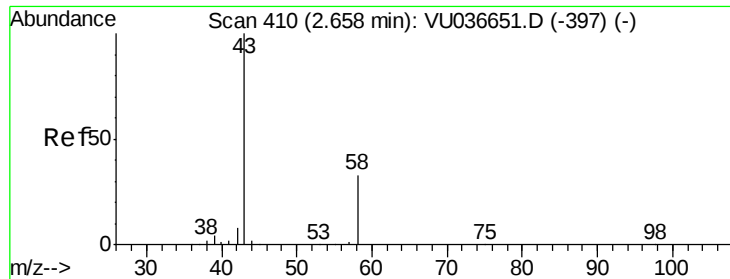
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.141 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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Acq: 01 Feb 2020 00:43

Instrument :

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ClientSampleId :

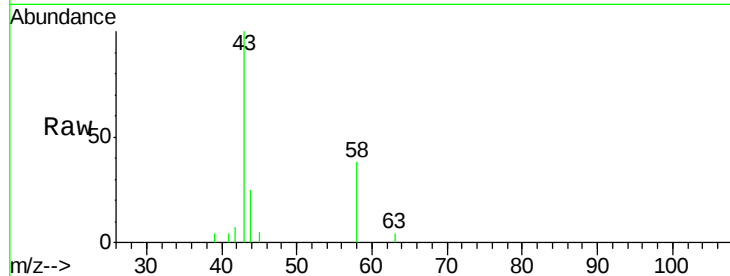
DBCS6

Tot Ion: 43 Resp: 3984

Ion Ratio Lower Upper

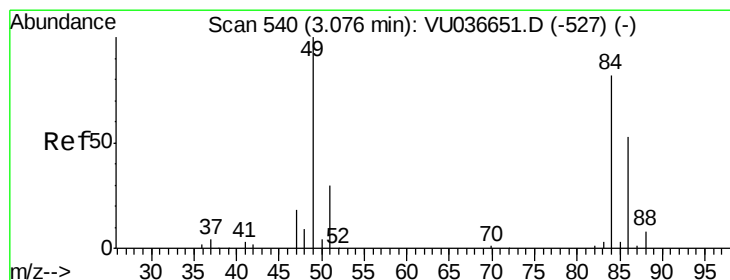
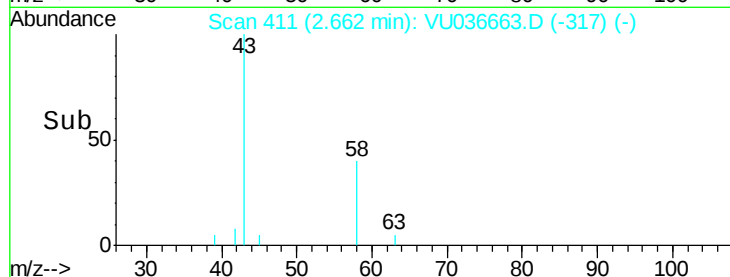
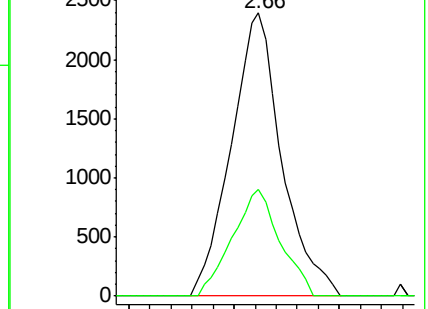
43 100

58 35.5 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU036663.D (-411) (-)

Ion 58.00 (57.70 to 58.70): VU036663.D (-411) (-)



#16

Methylene chloride

Concen: 1.890 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU036663.D

Acq: 01 Feb 2020 00:43

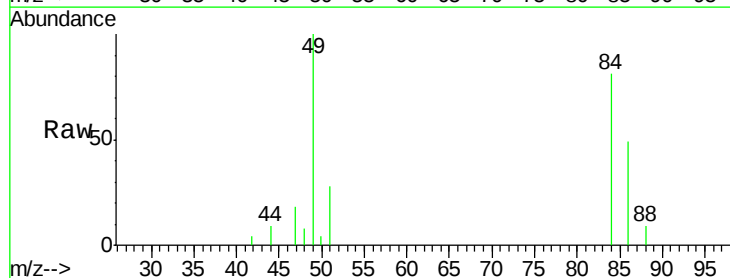
Tgt Ion: 84 Resp: 4007

Ion Ratio Lower Upper

84 100

86 60.3 45.1 83.9

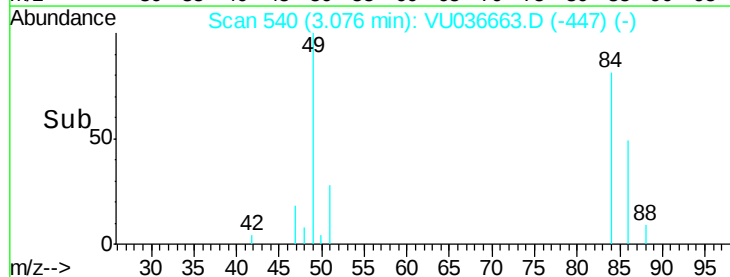
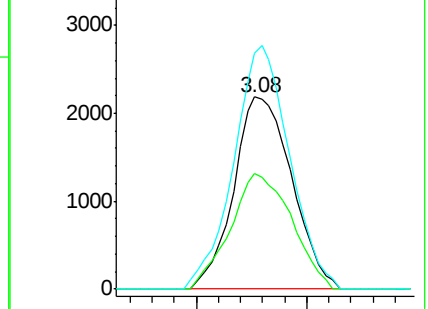
49 122.9 85.3 158.3

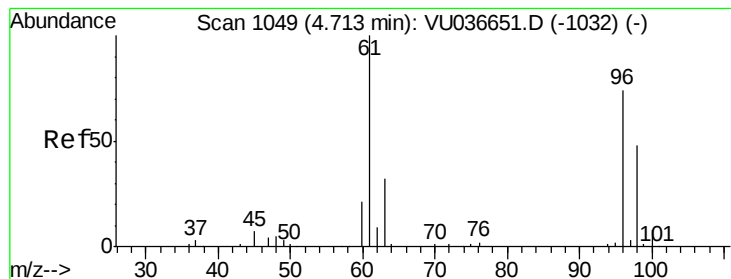


Abundance Ion 84.00 (83.70 to 84.70): VU036663.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU036663.D (-540) (-)

Ion 49.00 (48.70 to 49.70): VU036663.D (-540) (-)





#20

cis-1,2-Dichloroethene

Concen: 1.417 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

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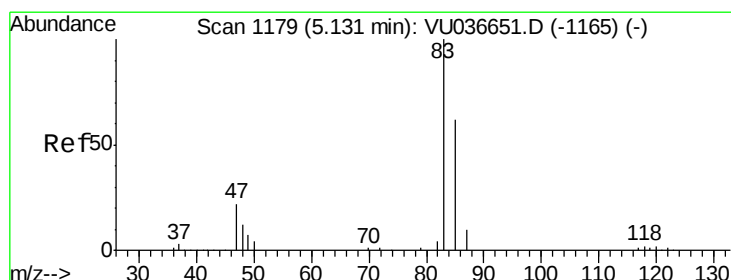
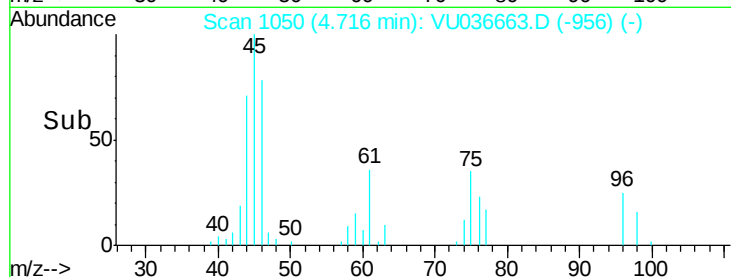
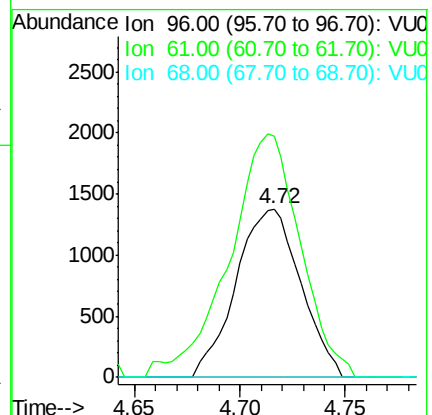
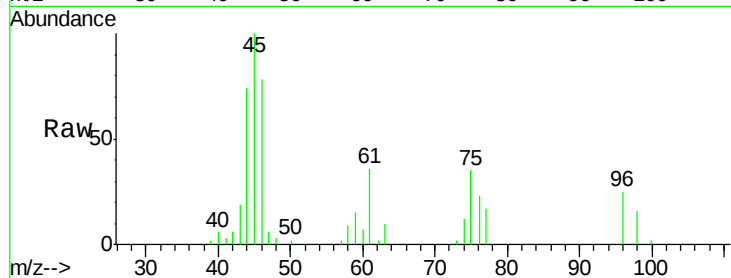
Tot Ion: 96 Resp: 2932

Ion Ratio Lower Upper

96 100

61 143.2 94.9 176.3

68 0.0 0.0 0.0



#25

Chloroform

Concen: 2.343 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036663.D

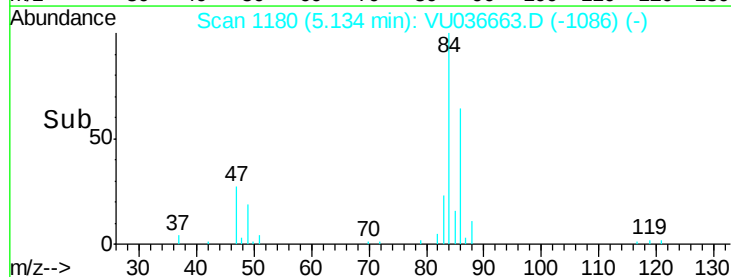
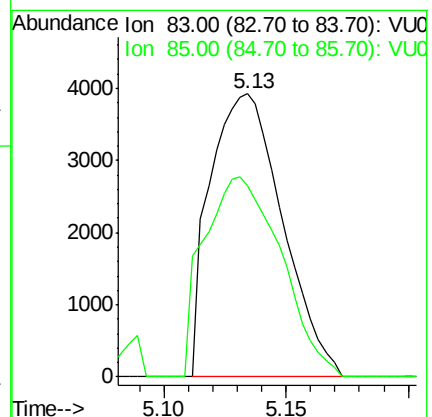
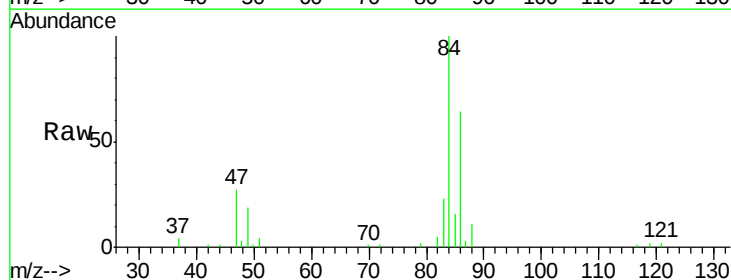
Acq: 01 Feb 2020 00:43

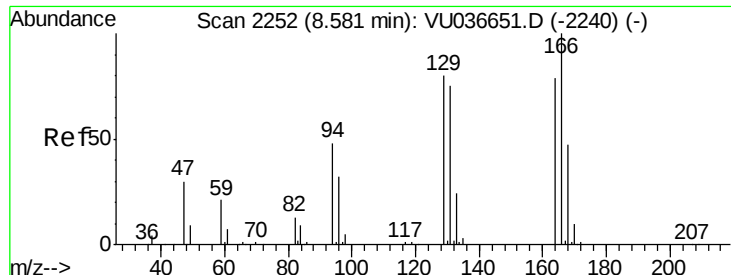
Tgt Ion: 83 Resp: 8063

Ion Ratio Lower Upper

83 100

85 67.6 44.3 82.3





#46

Tetrachloroethene

Concen: 1.864 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036663.D

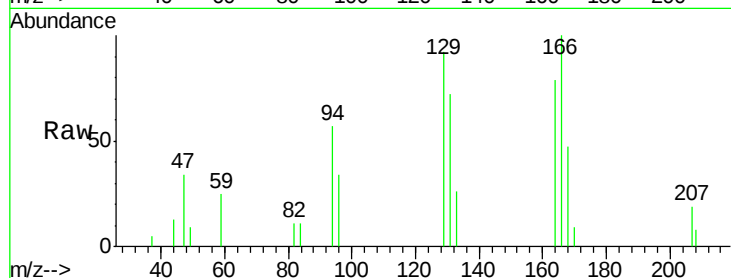
Acq: 01 Feb 2020 00:43

Instrument :

MSVOA_U

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DBCS6



Tot Ion:164 Resp: 2579

Ion Ratio Lower Upper

164 100

129 116.7 71.1 132.1

131 90.4 66.9 124.3

166 126.3 89.0 165.4

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

