

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013120\
 Data File : VU036661.D
 Acq On : 31 Jan 2020 23:53
 Operator : JC/MD
 Sample : L1326-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCS3

Quant Time: Feb 01 00:52:49 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	286721	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122866	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	100535	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.59	63	147759	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.68	46	148877	92.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.51%
24) Chloroform-d	5.11	84	175856	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	121685	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.77	84	394458	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
36) 1,2-Dichloropropane-d6	6.73	67	129986	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.93	98	357549	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%
43) trans-1,3-Dichloropropene-	8.21	79	59348	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.67	63	145234	100.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	176436	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	109810	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

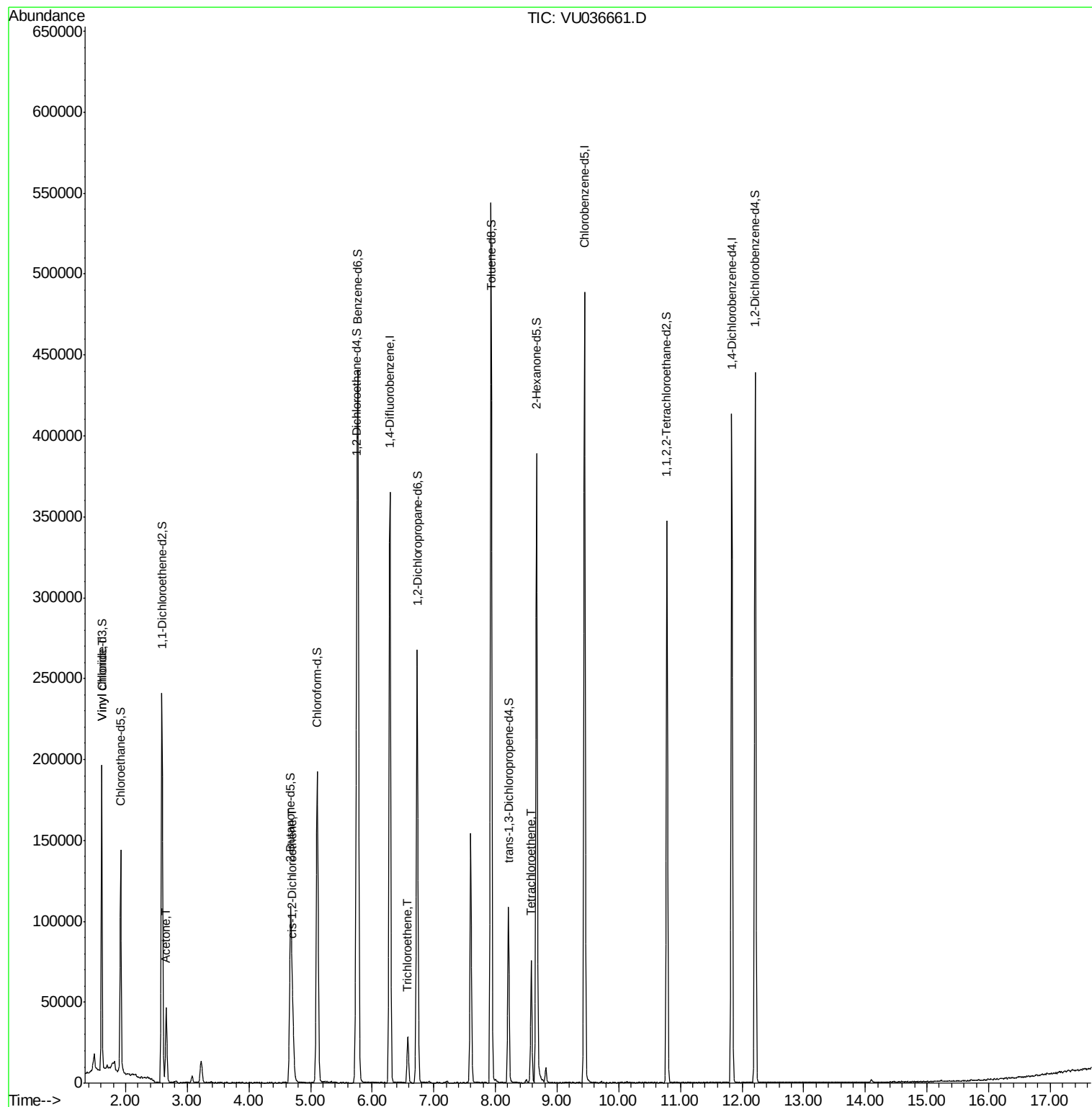
					Ovalue
5) Vinyl chloride	1.62	62	2839	1.000 ug/L	# 1
13) Acetone	2.66	43	48293	35.288 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	14381	6.442 ug/L	98
34) Trichloroethene	6.58	95	10073	4.964 ug/L	92
46) Tetrachloroethene	8.58	164	16078	10.765 ug/L	99

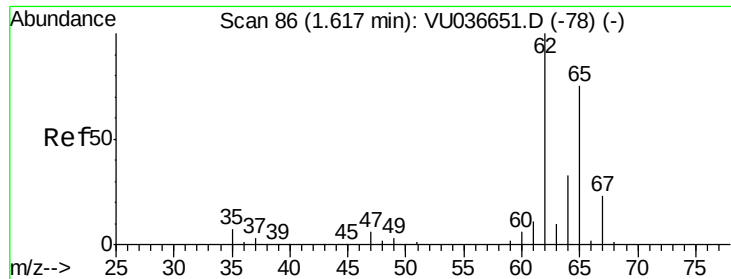
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU013120\
Data File : VU036661.D
Acq On : 31 Jan 2020 23:53
Operator : JC/MD
Sample : L1326-01 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCS3

Quant Time: Feb 01 00:52:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.000 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Instrument :

MSVOA_U

ClientSampleId :

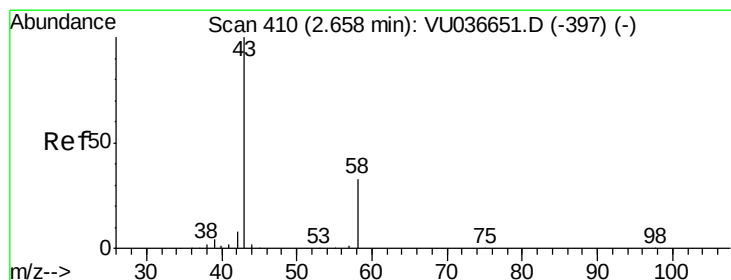
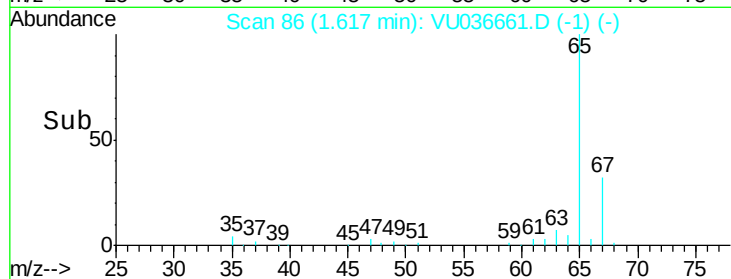
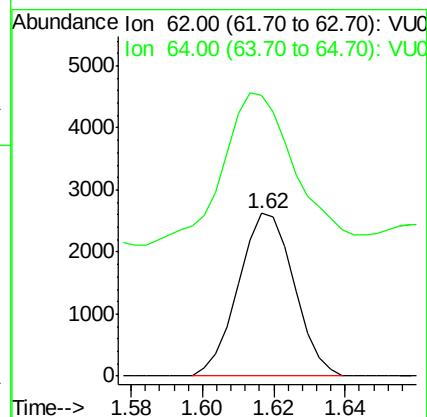
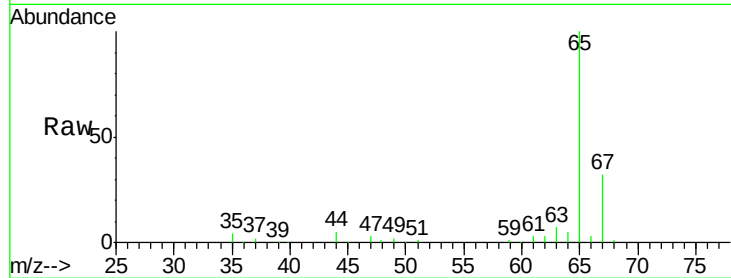
DBCS3

Tot Ion: 62 Resp: 2839

Ion Ratio Lower Upper

62 100

64 172.8 24.7 45.9#



#13

Acetone

Concen: 35.288 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036661.D

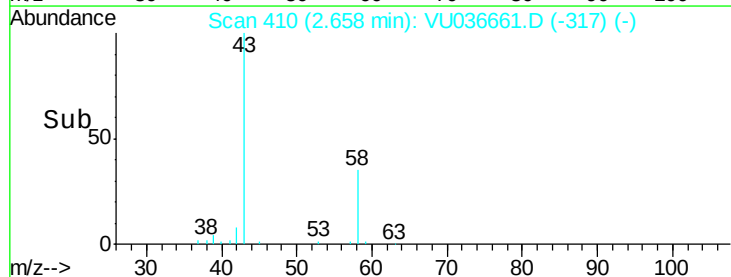
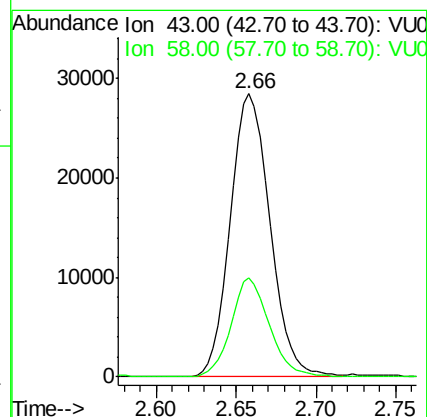
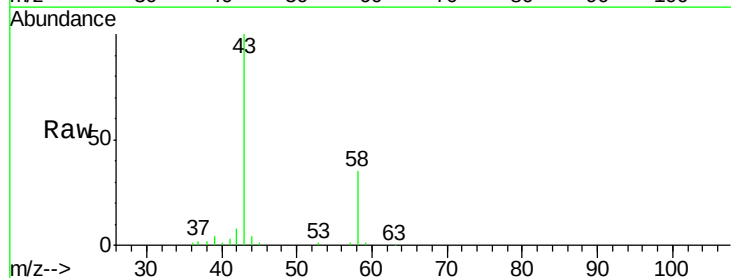
Acq: 31 Jan 2020 23:53

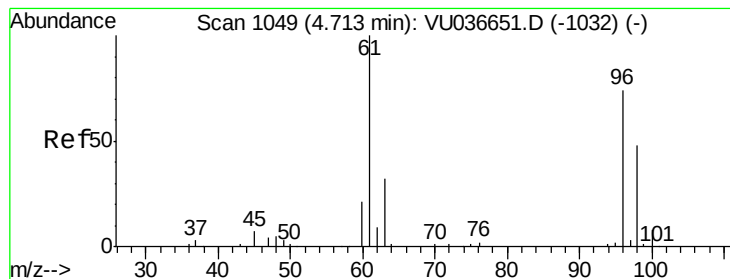
Tgt Ion: 43 Resp: 48293

Ion Ratio Lower Upper

43 100

58 33.5 0.0 67.8





#20

cis-1,2-Dichloroethene

Concen: 6.442 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Instrument :

MSVOA_U

ClientSampleId :

DBCS3

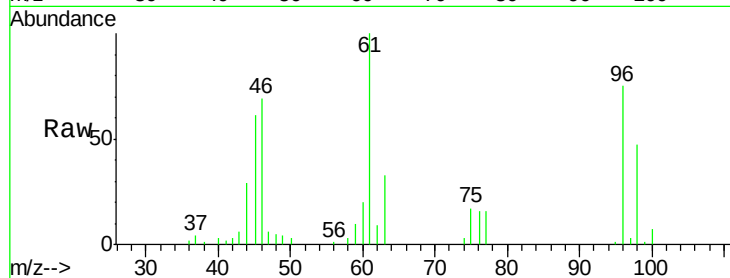
Tot Ion: 96 Resp: 14381

Ion Ratio Lower Upper

96 100

61 133.5 94.9 176.3

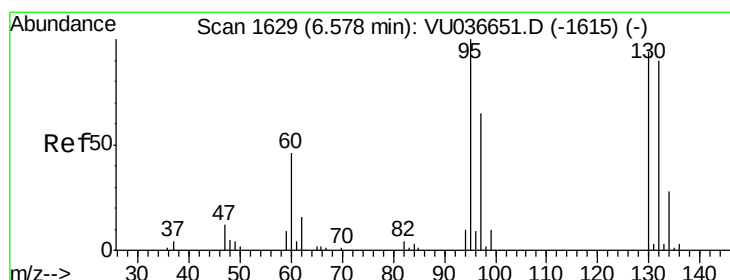
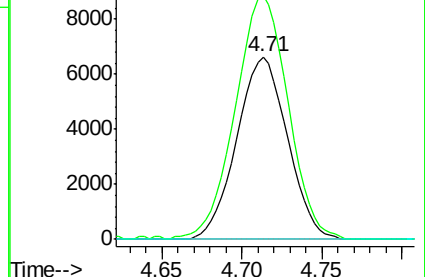
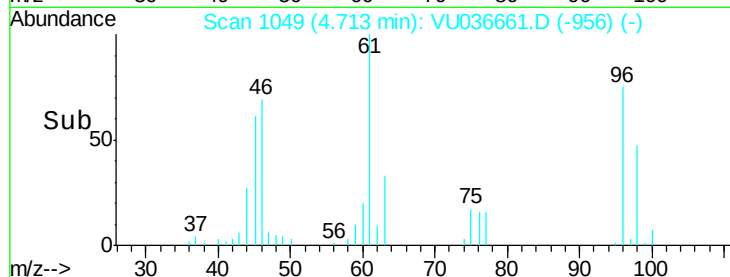
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036661.D (-1032) (-)

Ion 61.00 (60.70 to 61.70): VU036661.D (-1032) (-)

Ion 68.00 (67.70 to 68.70): VU036661.D (-1032) (-)



#34

Trichloroethene

Concen: 4.964 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036661.D

Acq: 31 Jan 2020 23:53

Tgt Ion: 95 Resp: 10073

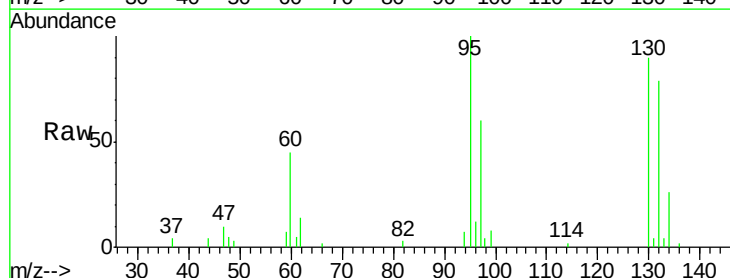
Ion Ratio Lower Upper

95 100

97 59.7 45.4 84.4

132 78.8 63.2 117.4

130 90.2 65.9 122.3

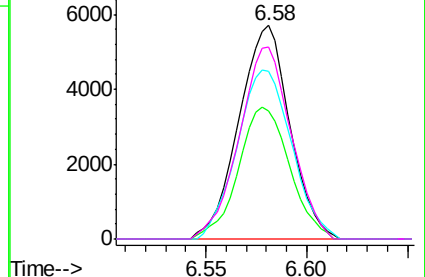
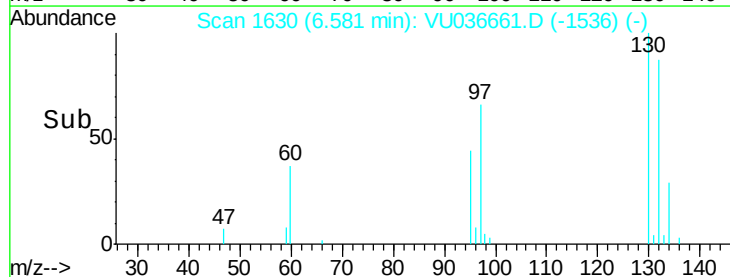


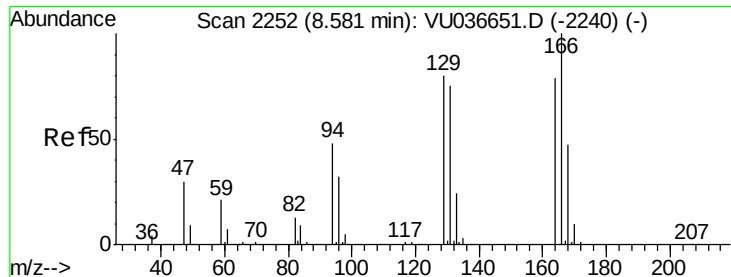
Abundance Ion 95.00 (94.70 to 95.70): VU036661.D (-1615) (-)

Ion 97.00 (96.70 to 97.70): VU036661.D (-1615) (-)

Ion 132.00 (131.70 to 132.70): VU036661.D (-1615) (-)

Ion 130.00 (129.70 to 130.70): VU036661.D (-1615) (-)





#46

Tetrachloroethene

Concen: 10.765 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036661.D

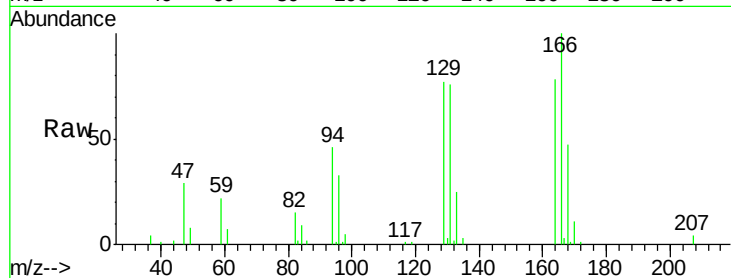
Acq: 31 Jan 2020 23:53

Instrument :

MSVOA_U

ClientSampleId :

DBCS3



Tot Ion:164 Resp: 16078

Ion Ratio Lower Upper

164 100

129 99.1 71.1 132.1

131 96.9 66.9 124.3

166 128.0 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

