

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071918\
 Data File : VU025514.D
 Acq On : 19 Jul 2018 11:47
 Operator : MD/SY
 Sample : J3984-16DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5DL

Quant Time: Jul 20 02:50:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	222038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	92446	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74475	71.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	142.24%#
7) Chloroethane-d5	1.68	69	70859	79.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	158.86%#
11) 1,1-Dichloroethene-d2	2.28	63	124912	54.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.66%
21) 2-Butanone-d5	4.17	46	158207	141.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.99%#
24) Chloroform-d	4.65	84	216704	79.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	159.56%#
26) 1,2-Dichloroethane-d4	5.31	65	149322	80.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	161.56%#
32) Benzene-d6	5.35	84	395693	82.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	164.04%#
36) 1,2-Dichloropropane-d6	6.33	67	137450	86.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	172.06%#
41) Toluene-d8	7.57	98	356917	76.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	152.86%#
43) trans-1,3-Dichloropropene-	7.85	79	65085	78.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	156.52%#
47) 2-Hexanone-d5	8.31	63	115720	139.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	139.71%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	186668	78.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	157.38%#
64) 1,2-Dichlorobenzene-d4	11.86	152	154470	83.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	166.76%#

Target Compounds

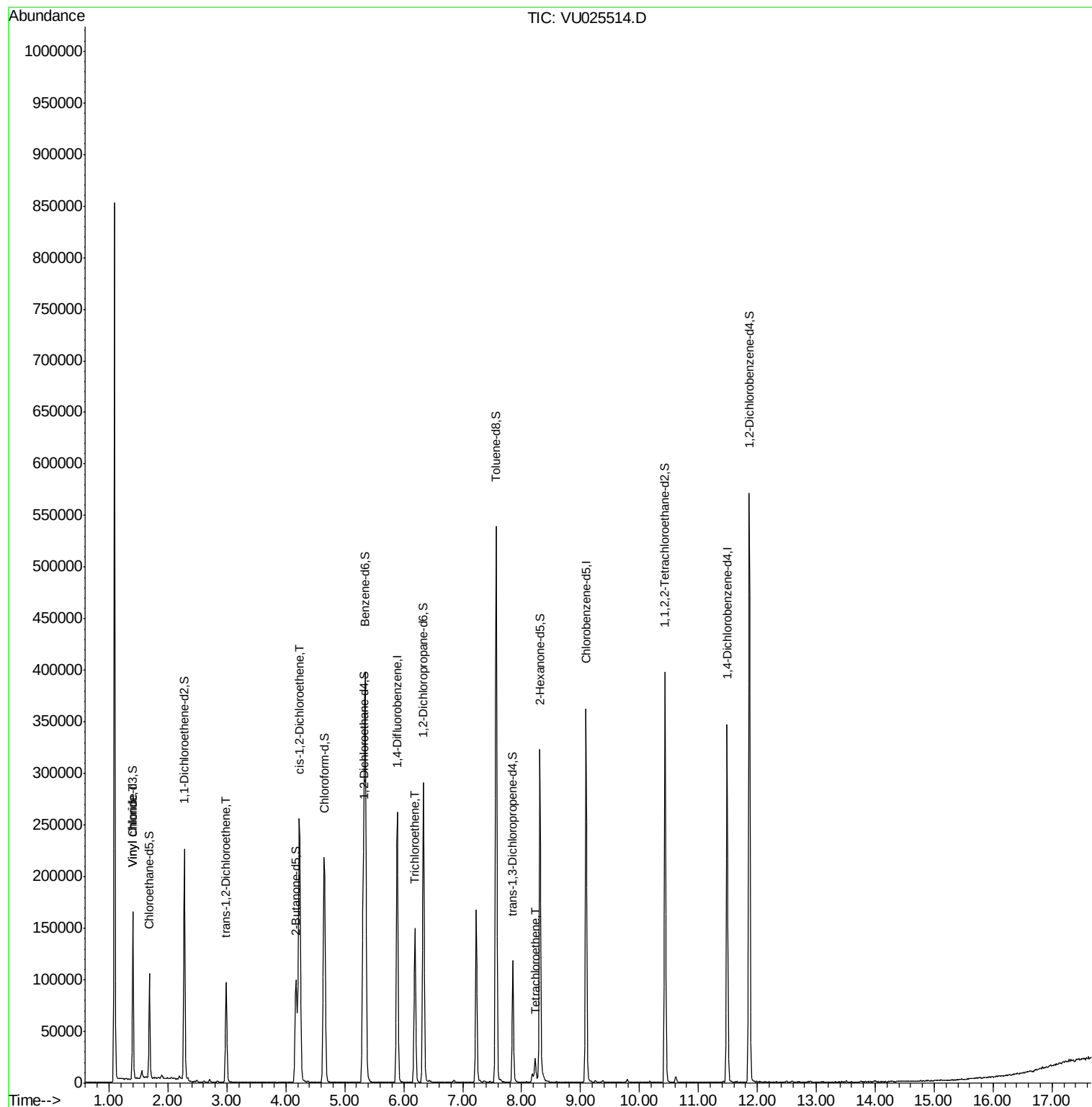
					Ovalue
5) Vinyl chloride	1.41	62	29647	18.24	ug/L 90
17) trans-1,2-Dichloroethene	2.99	96	38500	27.05	ug/L 97
20) cis-1,2-Dichloroethene	4.23	96	143321	82.23	ug/L 99
34) Trichloroethene	6.19	95	51549	32.97	ug/L 97
46) Tetrachloroethene	8.23	164	4372	3.35	ug/L 93

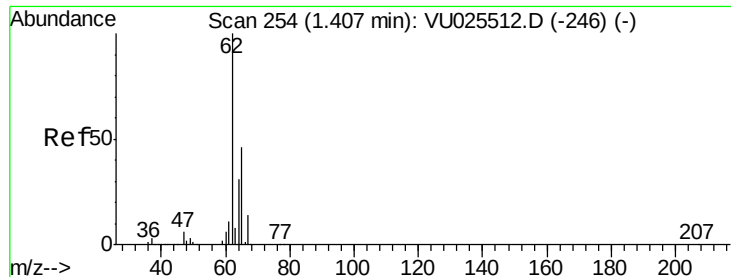
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 18.24 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

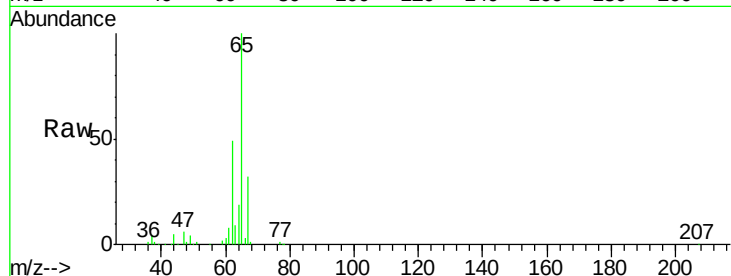
DB1A5DL

Tot Ion: 62 Resp: 29647

Ion Ratio Lower Upper

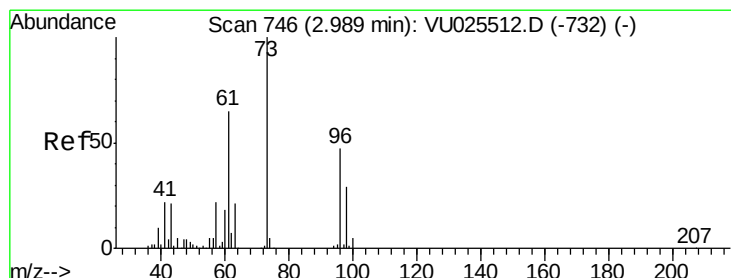
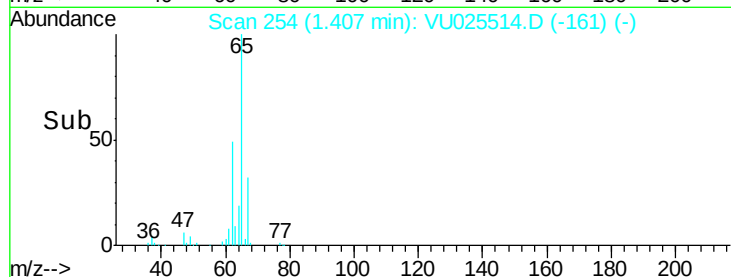
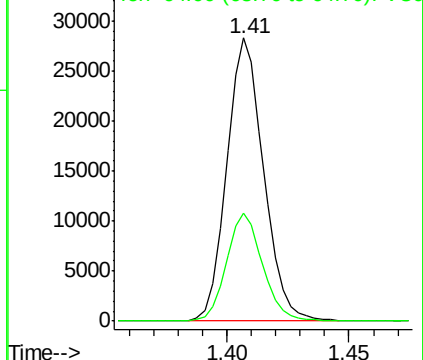
62 100

64 38.1 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 27.05 ug/L

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

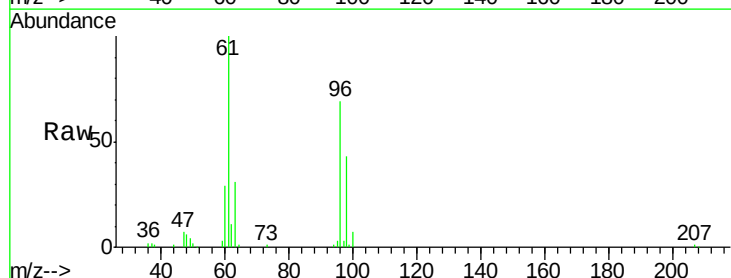
Tgt Ion: 96 Resp: 38500

Ion Ratio Lower Upper

96 100

61 144.4 103.6 192.4

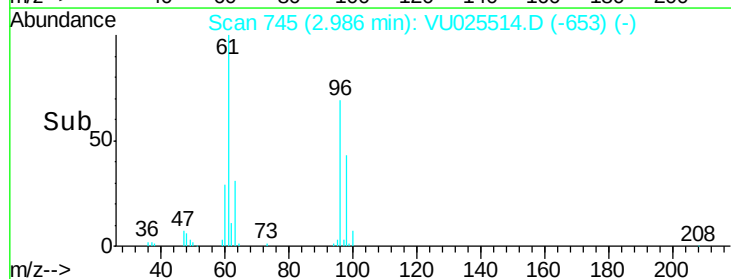
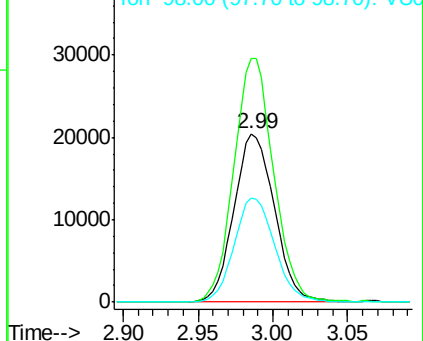
98 61.9 44.8 83.2

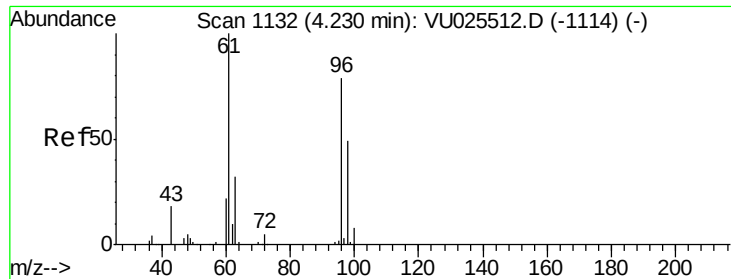


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

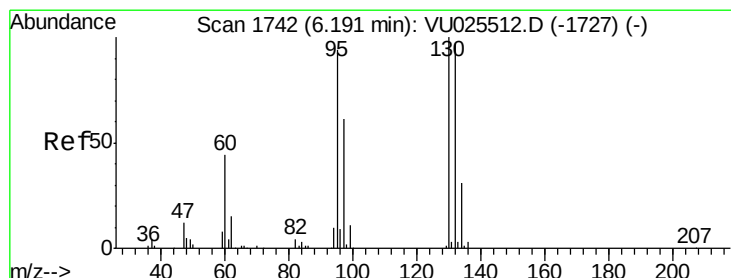
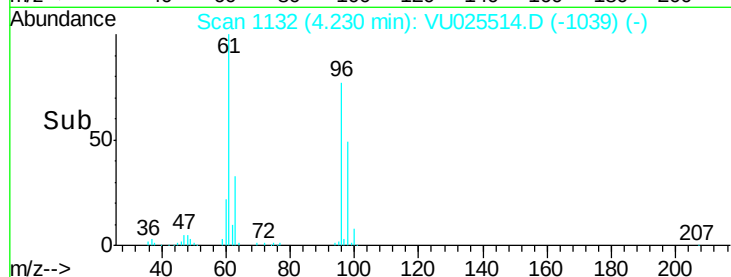
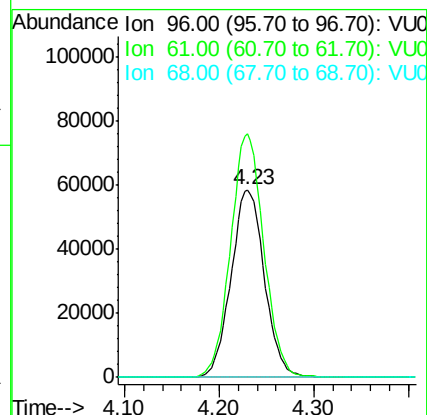
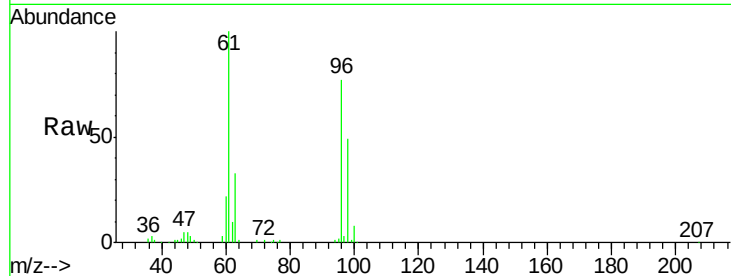




#20
 cis-1,2-Dichloroethene
 Concen: 82.23 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025514.D
 Acq: 19 Jul 2018 11:47

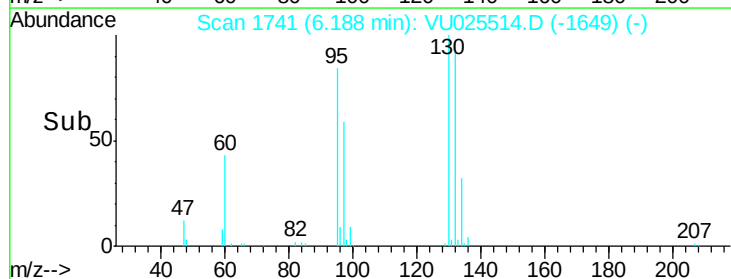
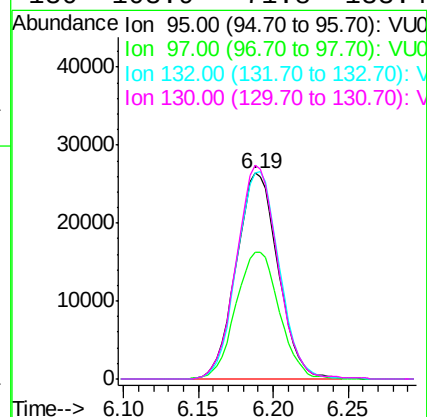
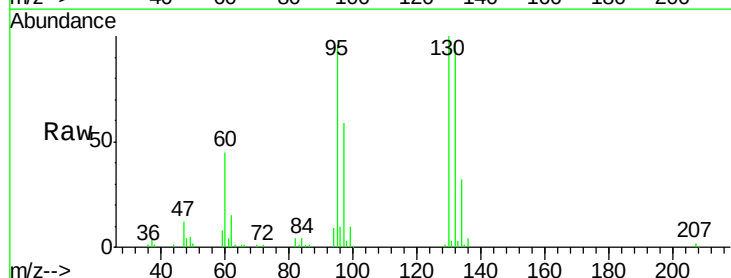
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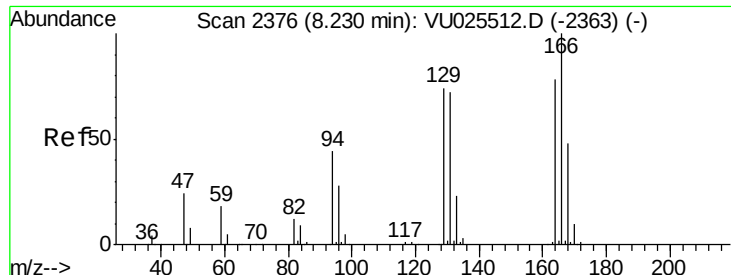
Tot Ion: 96 Resp: 143321
 Ion Ratio Lower Upper
 96 100
 61 130.0 91.7 170.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 32.97 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025514.D
 Acq: 19 Jul 2018 11:47

Tgt Ion: 95 Resp: 51549
 Ion Ratio Lower Upper
 95 100
 97 61.8 45.9 85.3
 132 100.4 68.2 126.6
 130 103.9 71.8 133.4





#46

Tetrachloroethene

Concen: 3.35 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025514.D

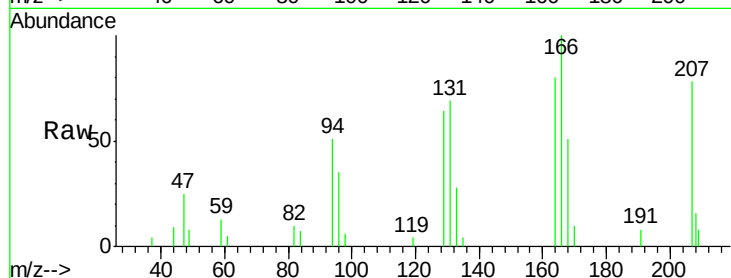
Acq: 19 Jul 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

DB1A5DL



Tot Ion:164 Resp: 4372

Ion Ratio Lower Upper

164 100

129 80.2 66.5 123.5

131 86.9 63.7 118.3

166 125.4 90.8 168.6

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

