

Data File : VV012191.D
Acq On : 11 Aug 2019 14:22
Operator : SY/MD
Sample : K4248-04DL 40X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B07DL

Quant Time: Aug 12 02:48:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	350190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	329642	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66327	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.96%
7) Chloroethane-d5	1.58	69	45230	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.12%
11) 1,1-Dichloroethene-d2	2.13	63	90389	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	3.93	46	70642	110.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	4.40	84	119709	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
26) 1,2-Dichloroethane-d4	5.08	65	74001	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.10	84	250109	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.12	67	68992	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.36	98	222918	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.66	79	33550	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.13	63	50762	95.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89365	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	90007	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%

Target Compounds

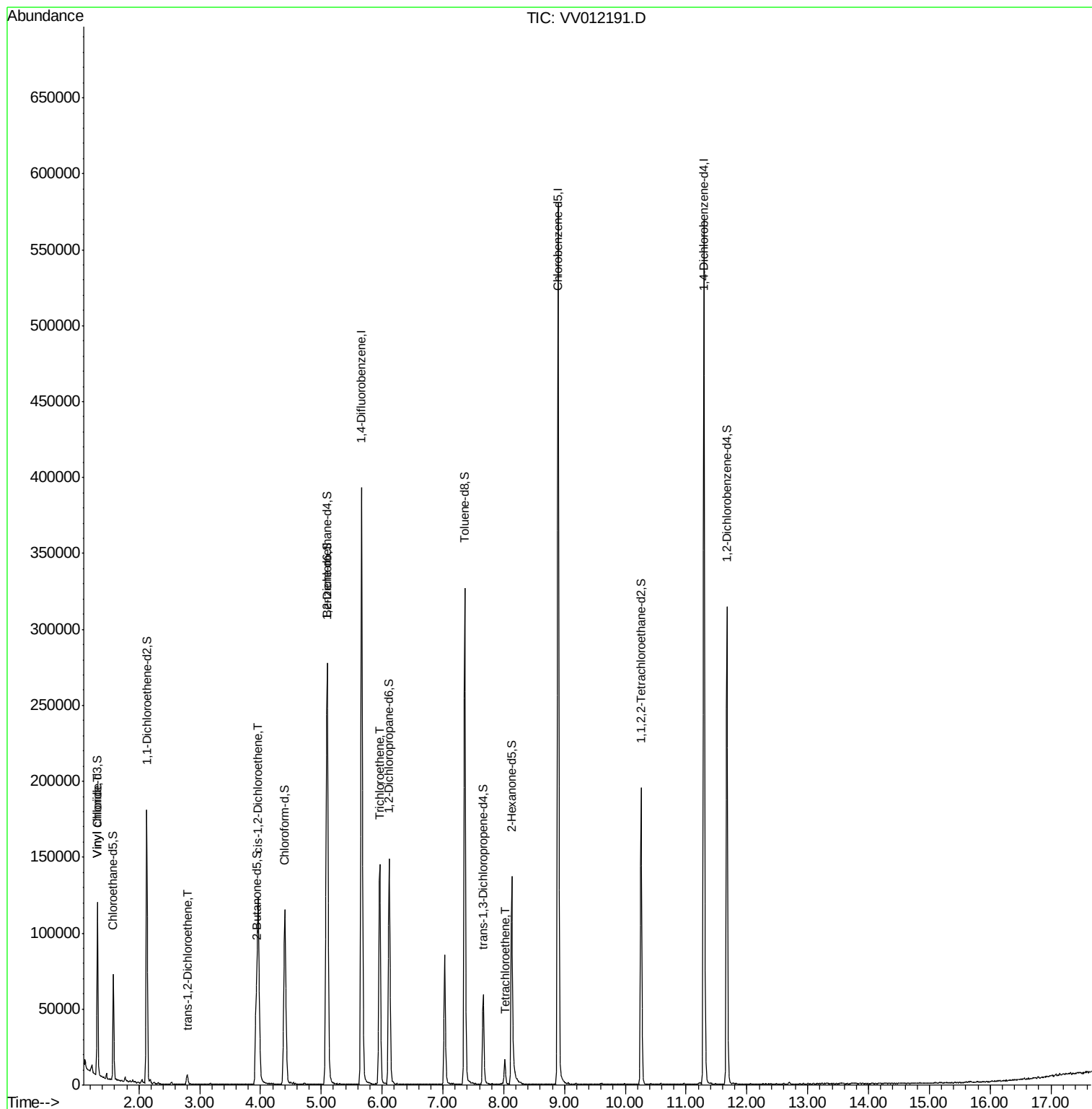
					Qvalue
5) Vinyl chloride	1.32	62	3247	1.677 ug/L	# 43
17) trans-1,2-Dichloroethene	2.79	96	2702	1.304 ug/L	81
20) cis-1,2-Dichloroethene	3.96	96	67297	28.578 ug/L	95
34) Trichloroethene	5.96	95	48552	21.348 ug/L	96
46) Tetrachloroethene	8.02	164	3874	1.782 ug/L	82

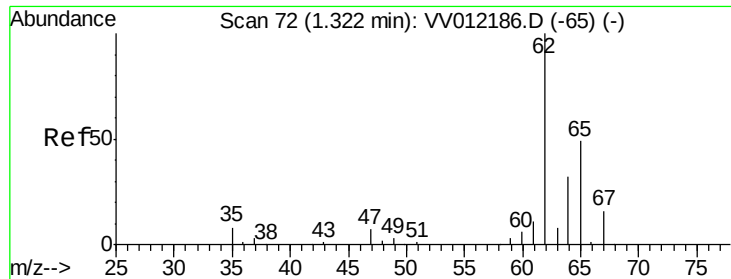
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.677 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

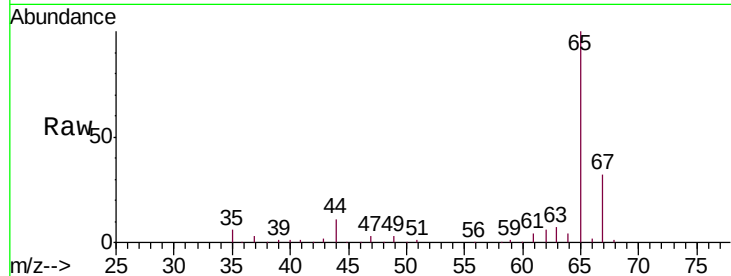
F2B07DL

Tgt Ion: 62 Resp: 3247

Ion Ratio Lower Upper

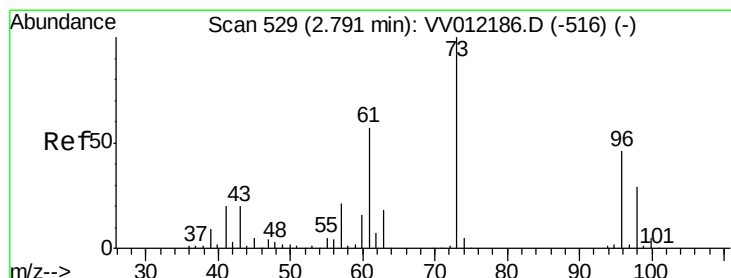
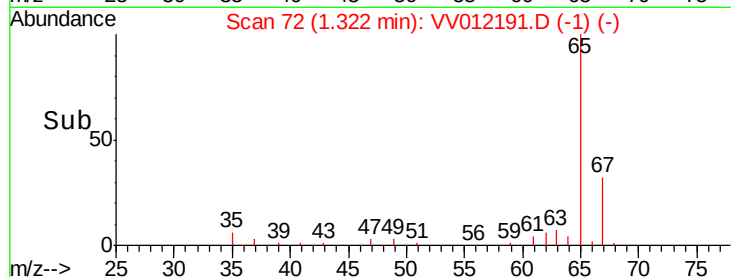
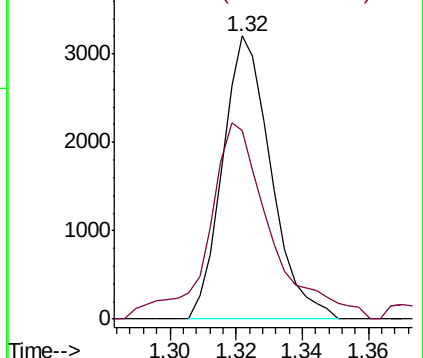
62 100

64 66.7 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.304 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

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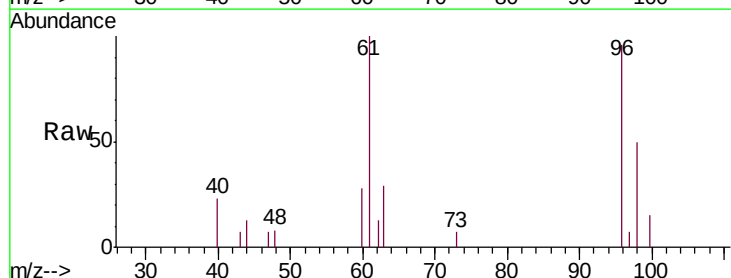
Tgt Ion: 96 Resp: 2702

Ion Ratio Lower Upper

96 100

61 104.2 89.3 165.9

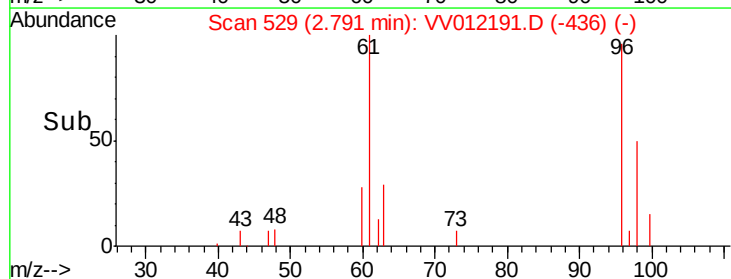
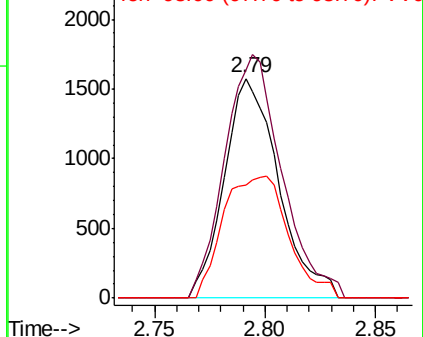
98 51.7 44.7 83.1

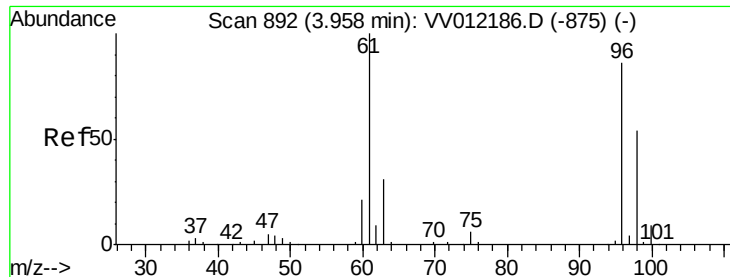


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

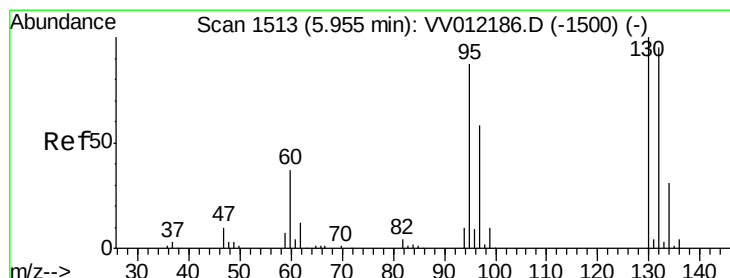
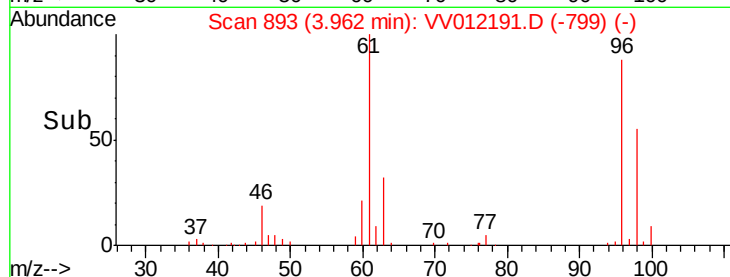
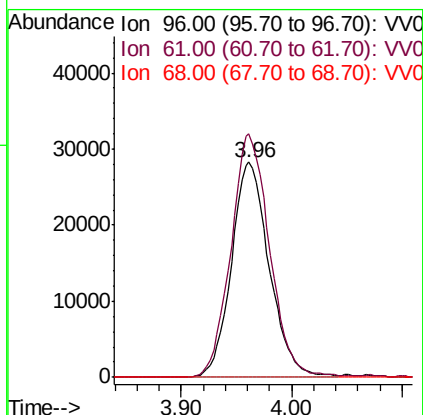
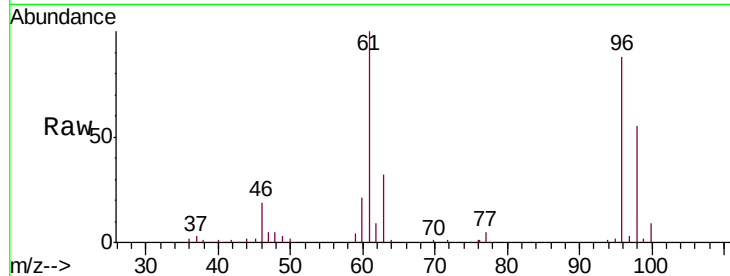




#20
 cis-1,2-Dichloroethene
 Concen: 28.578 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012191.D
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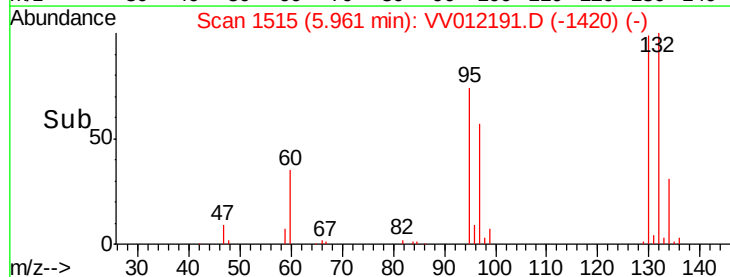
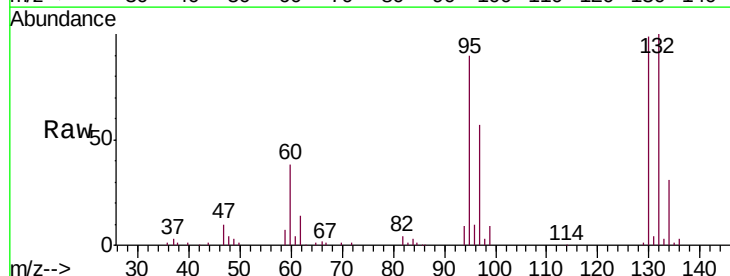
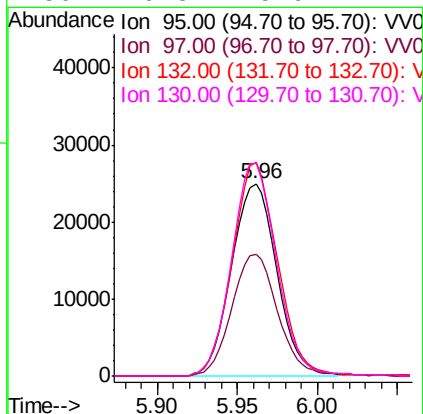
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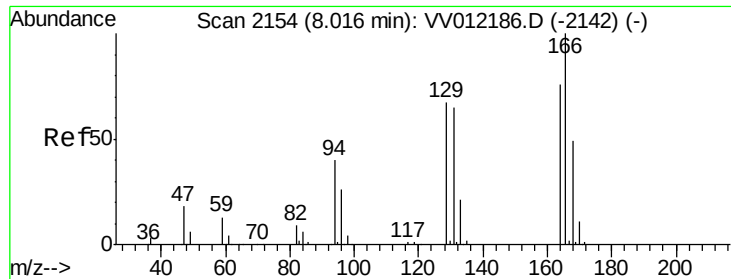
Tgt Ion: 96 Resp: 67297
 Ion Ratio Lower Upper
 96 100
 61 113.3 82.9 153.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 21.348 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: VV012191.D
 Acq: 11 Aug 2019 14:22

Tgt Ion: 95 Resp: 48552
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.7 83.1
 132 111.1 72.7 134.9
 130 110.3 75.9 141.1

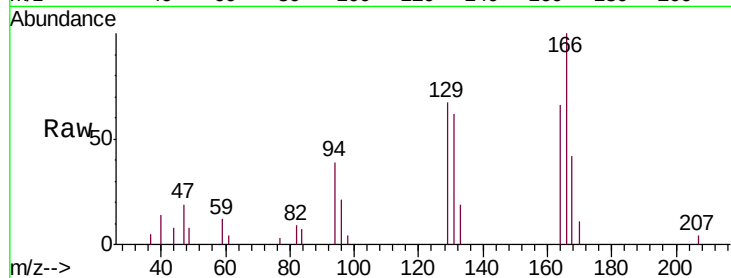




#46
Tetrachloroethene
Concen: 1.782 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012191.D
Acq: 11 Aug 2019 14:22

Instrument :
MSVOA_V
ClientSampleId :
F2B07DL

Tgt Ion:	164	Resp:	3874
Ion	Ratio	Lower	Upper
164	100		
129	101.6	60.6	112.6
131	94.4	59.5	110.5
166	151.1	87.2	161.9



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

