

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071918\
 Data File : VU025517.D
 Acq On : 19 Jul 2018 12:58
 Operator : MD/SY
 Sample : J3984-17DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A7DL

Quant Time: Jul 20 02:55:34 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	315628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	285255	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58647	39.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.80%
7) Chloroethane-d5	1.69	69	54716	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.30%
11) 1,1-Dichloroethene-d2	2.28	63	102454	31.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.70%
21) 2-Butanone-d5	4.18	46	128944	81.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.41%
24) Chloroform-d	4.65	84	169120	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.31	65	117776	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
32) Benzene-d6	5.35	84	314158	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
36) 1,2-Dichloropropane-d6	6.33	67	106026	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.88%
41) Toluene-d8	7.57	98	289139	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.85	79	50988	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.82%
47) 2-Hexanone-d5	8.31	63	89822	75.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.89%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	150032	44.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	124442	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

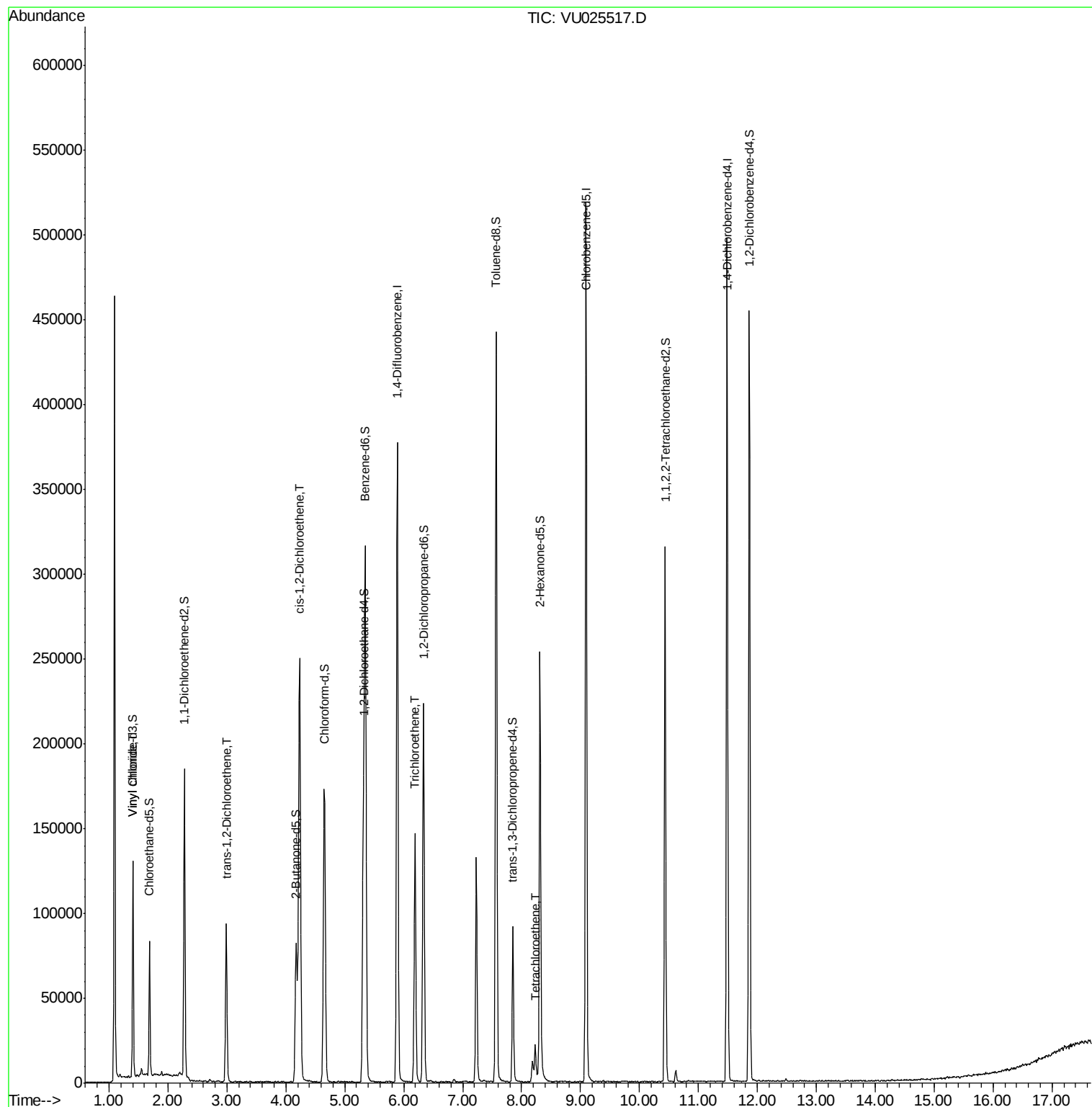
					Ovalue
5) Vinyl chloride	1.41	62	27636	11.96	ug/L 97
17) trans-1,2-Dichloroethene	2.99	96	35315	17.45	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	141571	57.14	ug/L 97
34) Trichloroethene	6.19	95	49750	22.27	ug/L 98
46) Tetrachloroethene	8.23	164	3949	2.12	ug/L 92

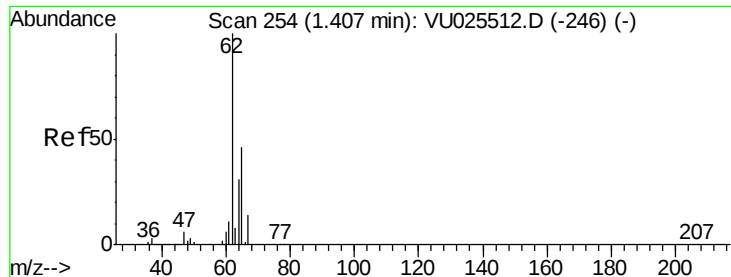
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.96 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

Instrument :

MSVOA_U

ClientSampleId :

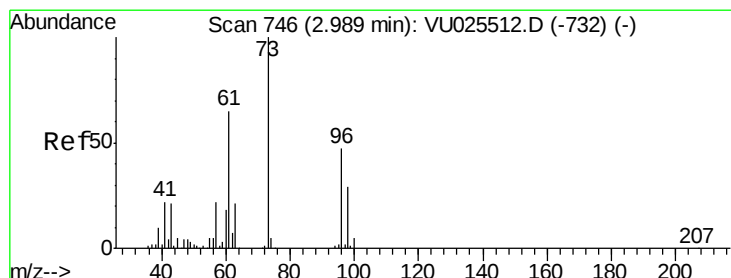
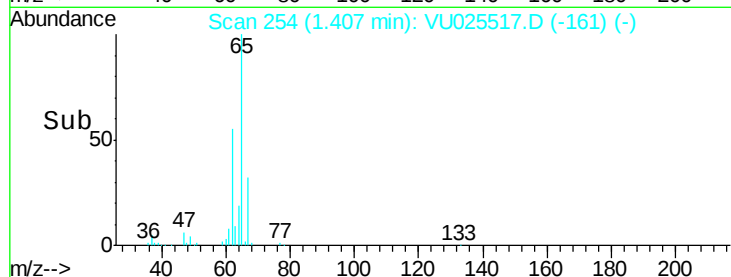
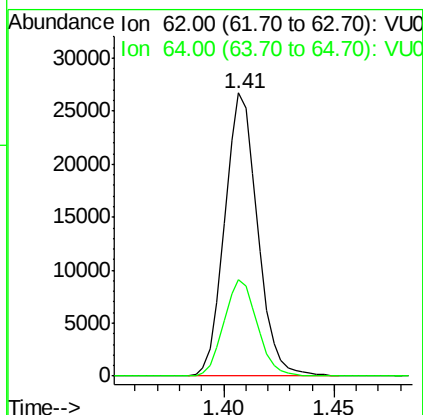
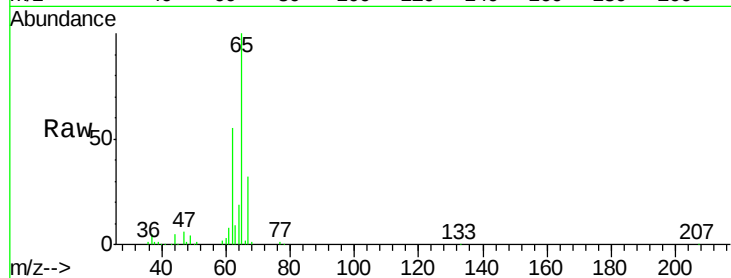
DB1A7DL

Tot Ion: 62 Resp: 27636

Ion Ratio Lower Upper

62 100

64 34.1 22.7 42.1



#17

trans-1,2-Dichloroethene

Concen: 17.45 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025517.D

Acq: 19 Jul 2018 12:58

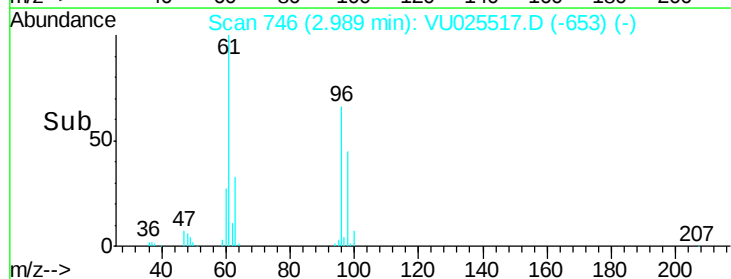
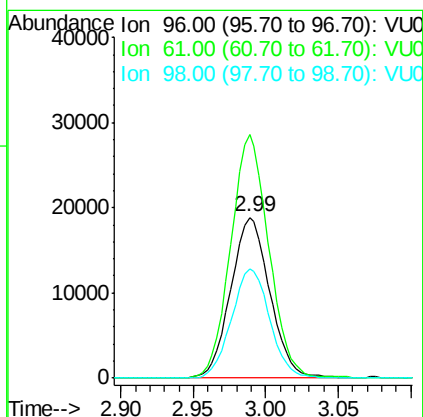
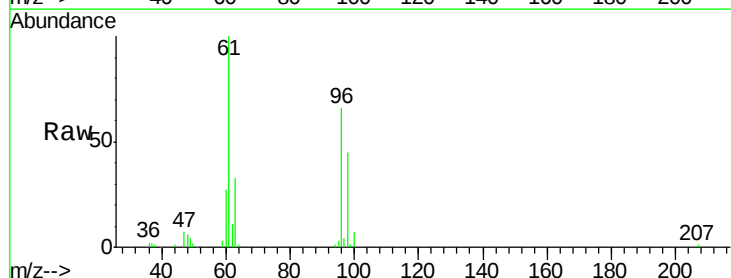
Tgt Ion: 96 Resp: 35315

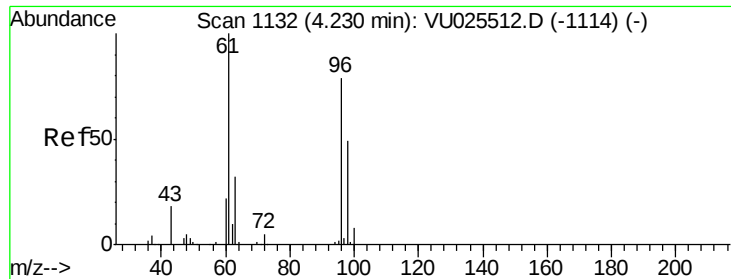
Ion Ratio Lower Upper

96 100

61 151.4 103.6 192.4

98 68.2 44.8 83.2

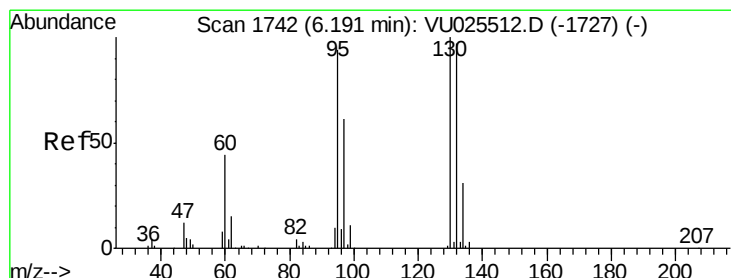
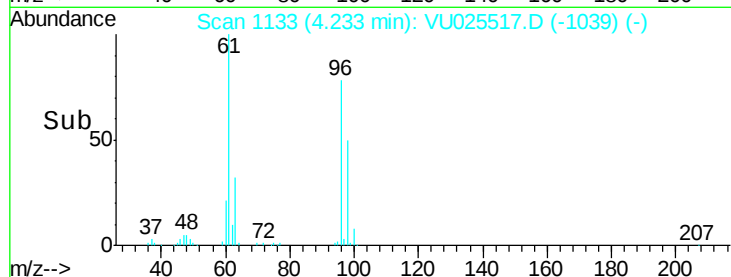
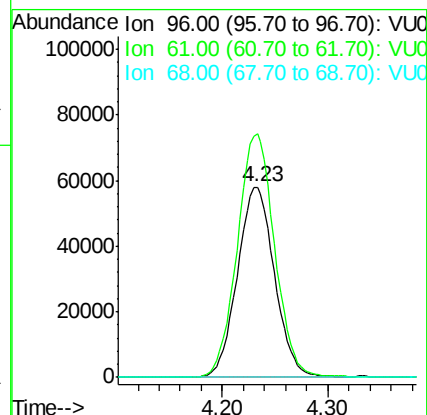
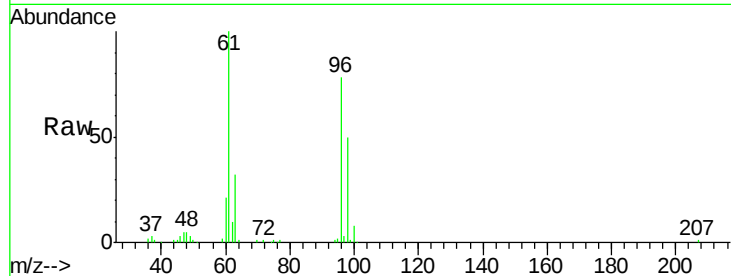




#20
 cis-1,2-Dichloroethene
 Concen: 57.14 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025517.D
 Acq: 19 Jul 2018 12:58

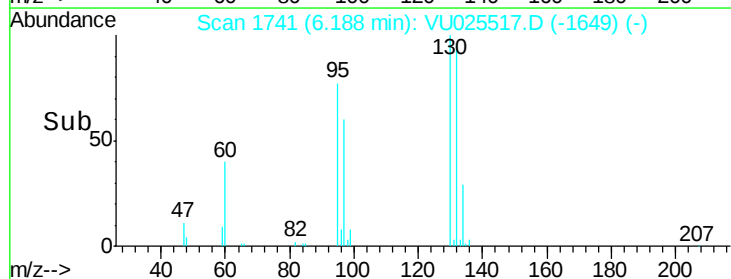
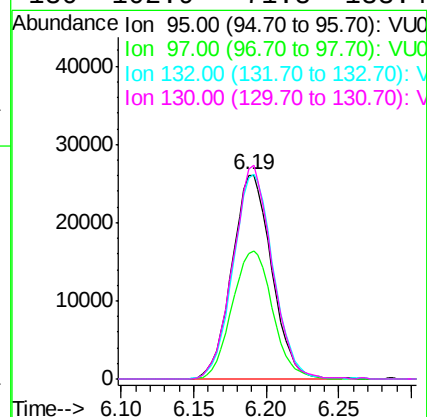
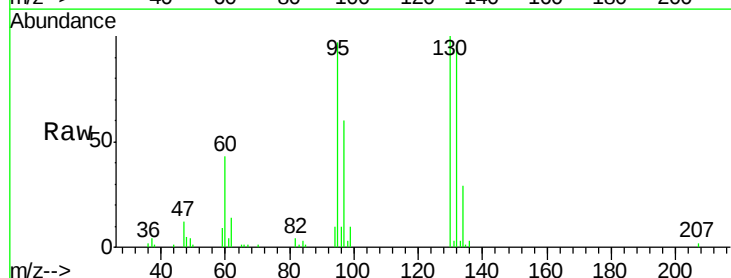
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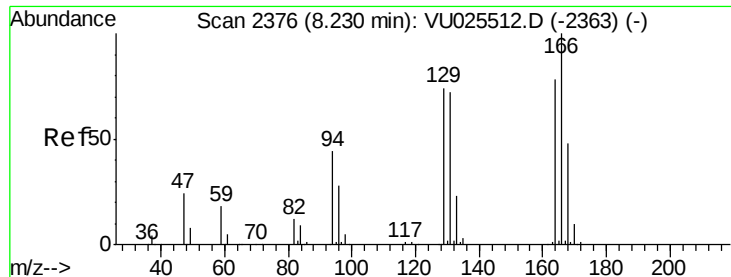
Tot Ion: 96 Resp: 141571
 Ion Ratio Lower Upper
 96 100
 61 127.8 91.7 170.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 22.27 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025517.D
 Acq: 19 Jul 2018 12:58

Tgt Ion: 95 Resp: 49750
 Ion Ratio Lower Upper
 95 100
 97 61.6 45.9 85.3
 132 98.3 68.2 126.6
 130 102.9 71.8 133.4

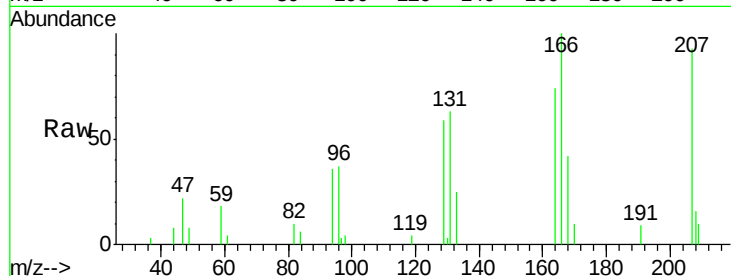




#46
Tetrachloroethene
Concen: 2.12 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025517.D
Acq: 19 Jul 2018 12:58

Instrument :
MSVOA_U
ClientSampleId :
DB1A7DL

Tot Ion:	164	Resp:	3949
Ion	Ratio	Lower	Upper
164	100		
129	79.7	66.5	123.5
131	85.4	63.7	118.3
166	135.3	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

