

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032942.D
 Acq On : 21 Jun 2019 14:06
 Operator : JC/SP
 Sample : K3469-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-3-8.0-061919

Quant Time: Jun 22 01:41:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:32:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51302	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.66%
7) Chloroethane-d5	1.68	69	44425	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.26	63	78532	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	4.17	46	115934	106.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.64	84	117275	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.30	65	81693	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.34	84	217984	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
36) 1,2-Dichloropropane-d6	6.33	67	73222	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.56	98	191765	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.84	79	34856	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.14%
47) 2-Hexanone-d5	8.31	63	69384	96.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.63%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	111705	46.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	79523	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

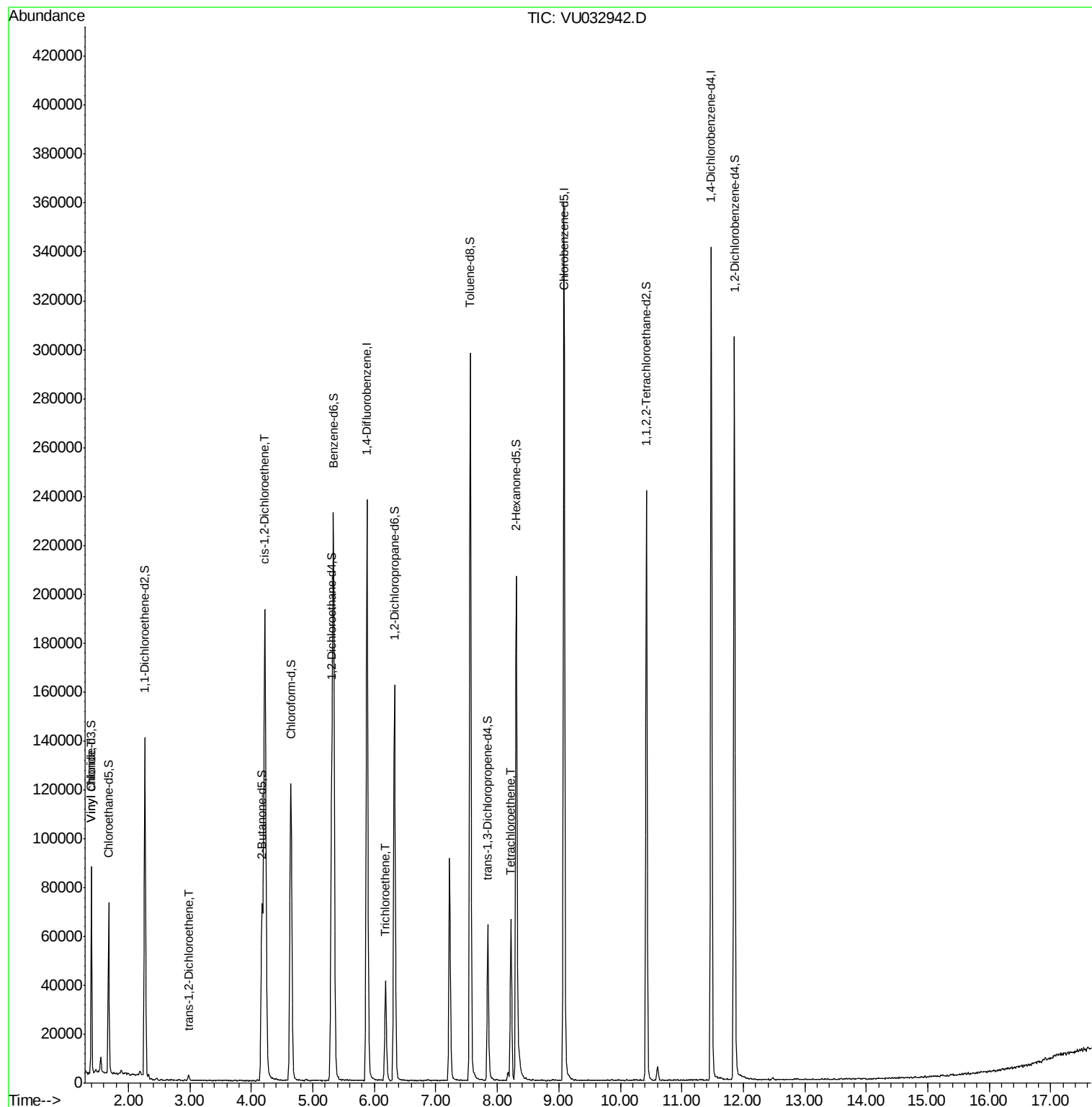
					Ovalue
5) Vinyl chloride	1.40	62	1612	0.930 ug/L #	12
17) trans-1,2-Dichloroethene	2.98	96	1018	0.781 ug/L	84
20) cis-1,2-Dichloroethene	4.22	96	100421	70.723 ug/L	94
34) Trichloroethene	6.18	95	13005	9.124 ug/L	96
46) Tetrachloroethene	8.22	164	14298	12.242 ug/L	97

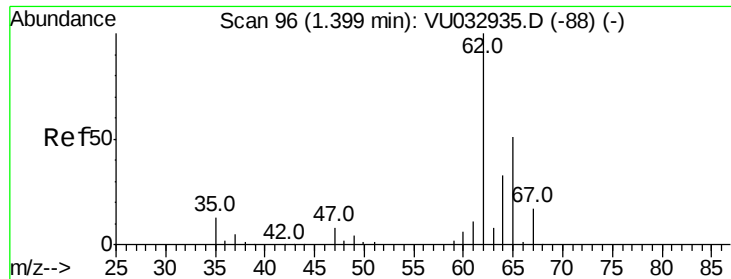
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.930 ug/L

RT: 1.40 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU032942.D

Acq: 21 Jun 2019 14:06

Instrument :

MSVOA_U

ClientSampleId :

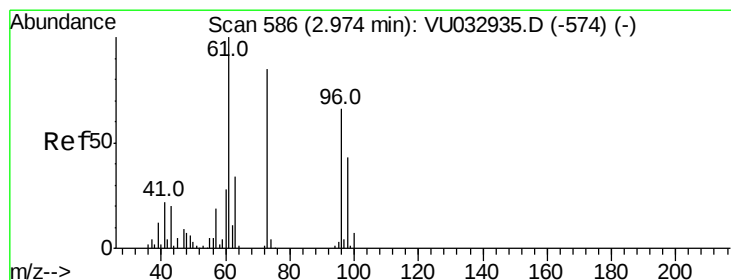
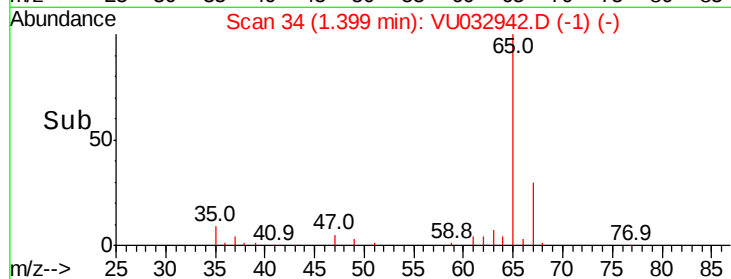
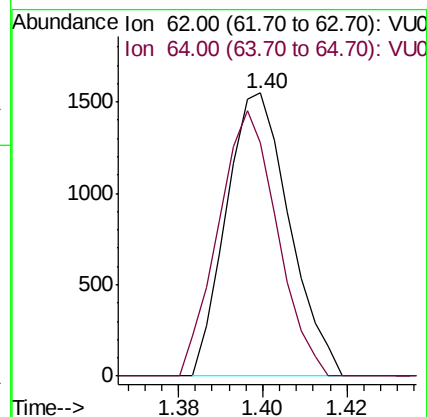
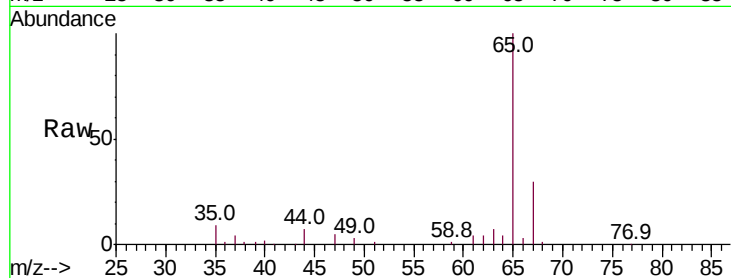
T11-MW-3-8.0-061919

Tot Ion: 62 Resp: 1612

Ion Ratio Lower Upper

62 100

64 82.5 23.0 42.6#



#17

trans-1,2-Dichloroethene

Concen: 0.781 ug/L

RT: 2.98 min Scan# 526

Delta R.T. 0.01 min

Lab File: VU032942.D

Acq: 21 Jun 2019 14:06

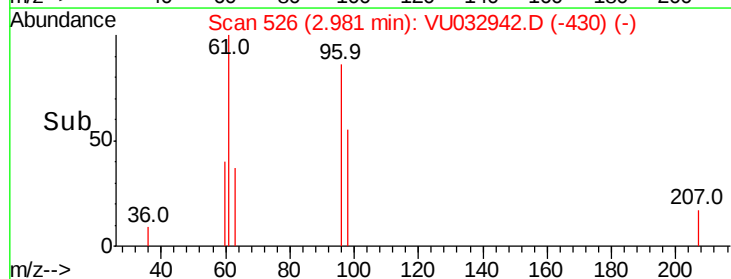
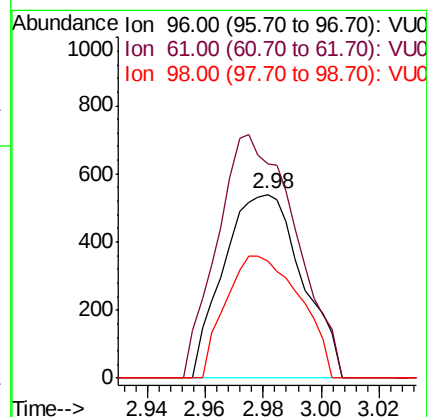
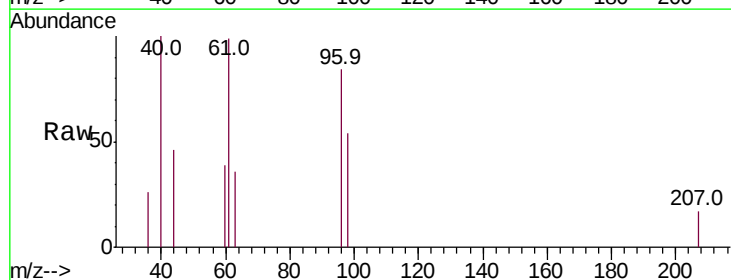
Tgt Ion: 96 Resp: 1018

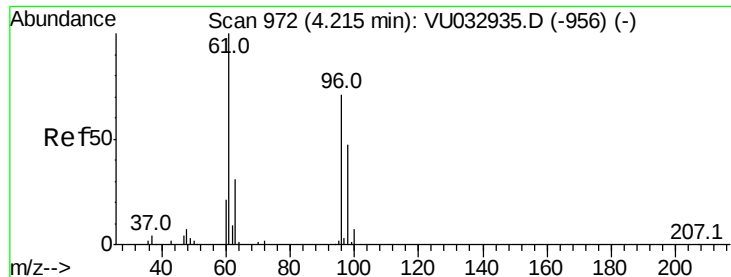
Ion Ratio Lower Upper

96 100

61 116.9 100.9 187.5

98 64.0 44.0 81.8

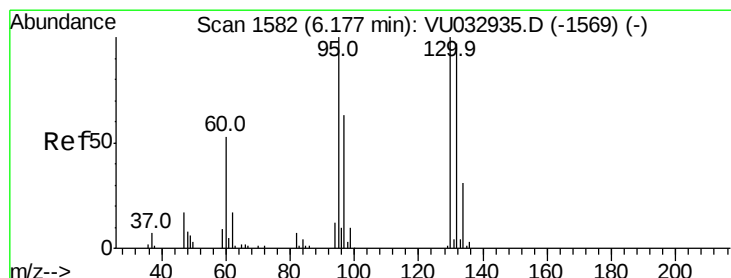
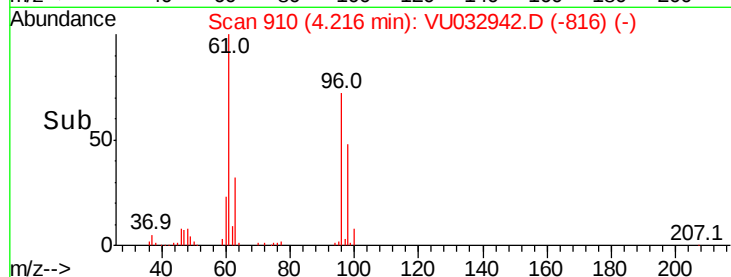
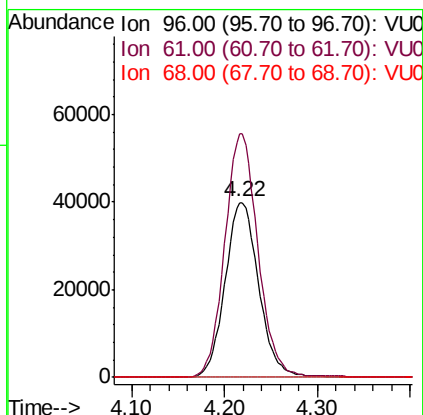
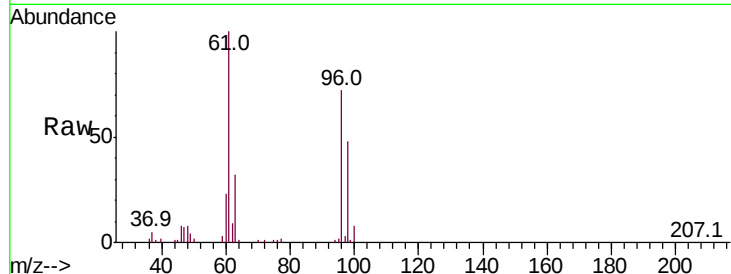




#20
 cis-1,2-Dichloroethene
 Concen: 70.723 ug/L
 RT: 4.22 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VU032942.D
 Acq: 21 Jun 2019 14:06

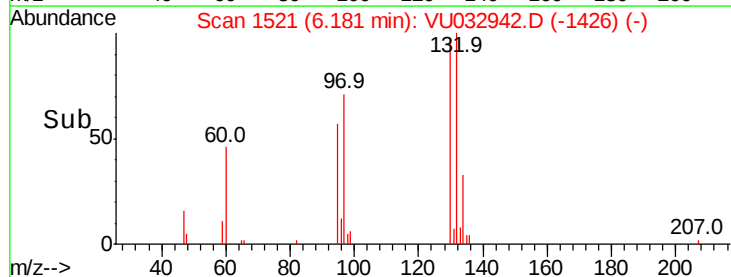
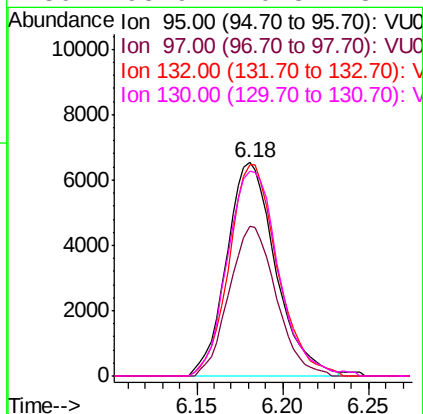
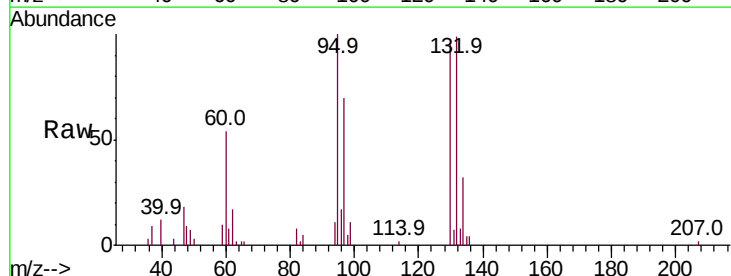
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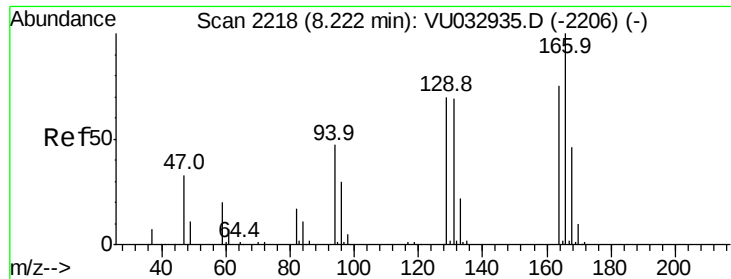
Tot Ion: 96 Resp: 100421
 Ion Ratio Lower Upper
 96 100
 61 139.0 92.4 171.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 9.124 ug/L
 RT: 6.18 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: VU032942.D
 Acq: 21 Jun 2019 14:06

Tgt Ion: 95 Resp: 13005
 Ion Ratio Lower Upper
 95 100
 97 70.0 45.9 85.3
 132 99.2 68.5 127.3
 130 95.9 70.8 131.4



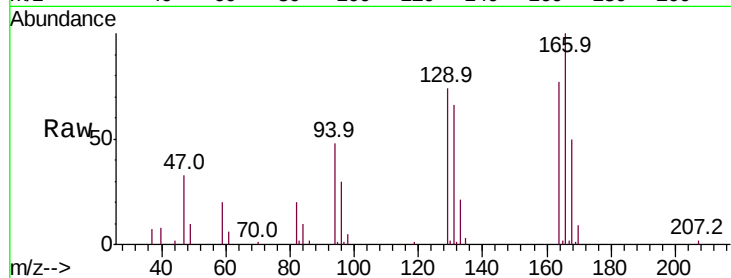


#46
Tetrachloroethene
Concen: 12.242 ug/L
RT: 8.22 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tot Ion:164 Resp: 14298

Ion	Ratio	Lower	Upper
164	100		
129	96.3	64.8	120.3
131	86.8	64.5	119.7
166	130.5	91.3	169.6



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

