

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040495.D
 Acq On : 03 Oct 2020 21:19
 Operator : SY/MD
 Sample : L4266-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS1

Quant Time: Oct 05 03:26:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134642	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133944	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33752	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	29142	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	55860	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.66	46	148198	44.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	5.08	84	74714	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	48160	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	142668	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.70	67	49481	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	118491	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	8.19	79	19243	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	109905	46.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42430	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47500	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

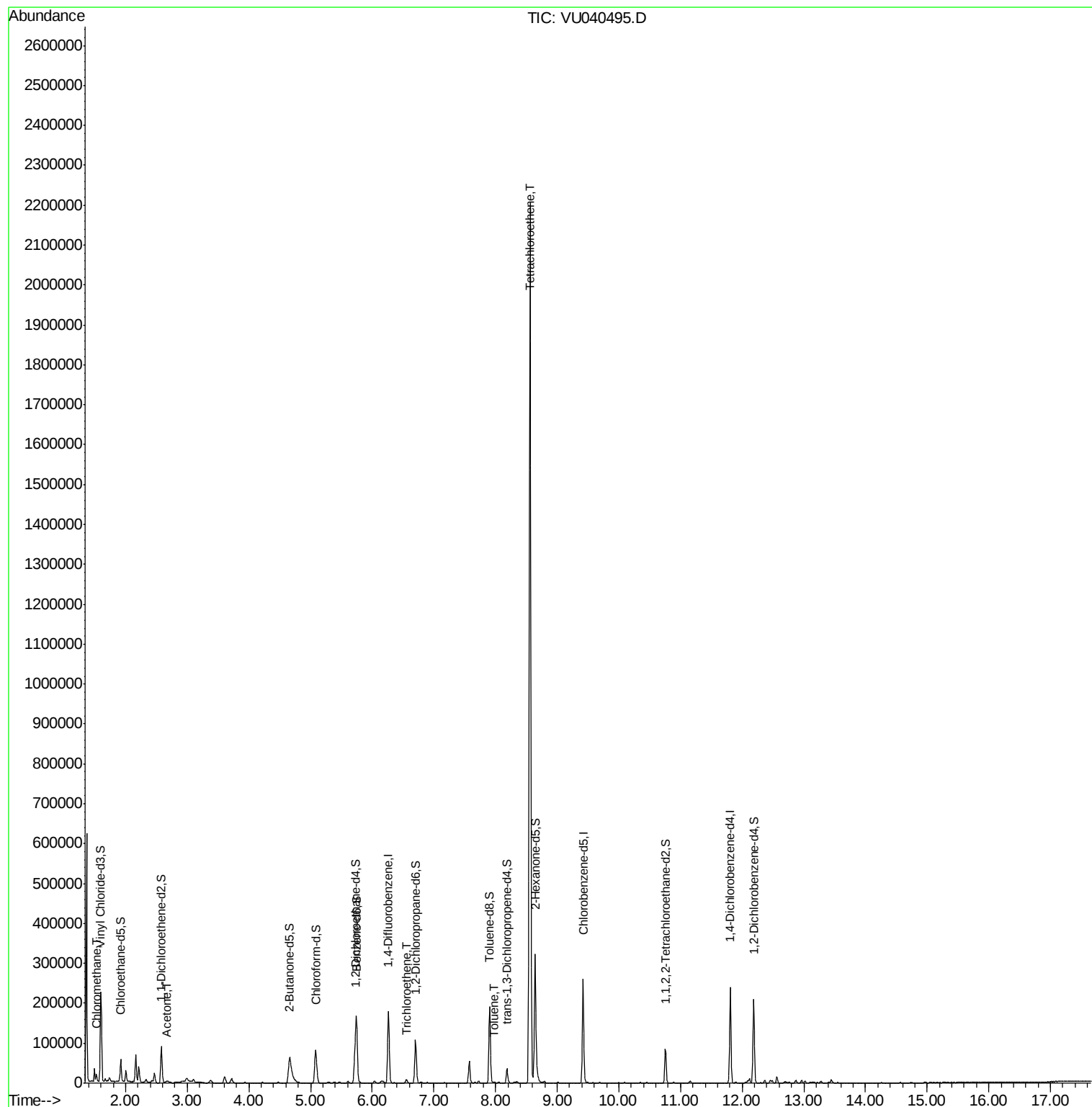
					Ovalue
3) Chloromethane	1.53	50	13316	1.006	ug/L 99
13) Acetone	2.67	43	10299	3.733	ug/L 83
34) Trichloroethene	6.55	95	2509	0.210	ug/L 93
42) Toluene	7.98	91	1872	0.041	ug/L 98
47) Tetrachloroethene	8.56	164	449505	53.102	ug/L 99

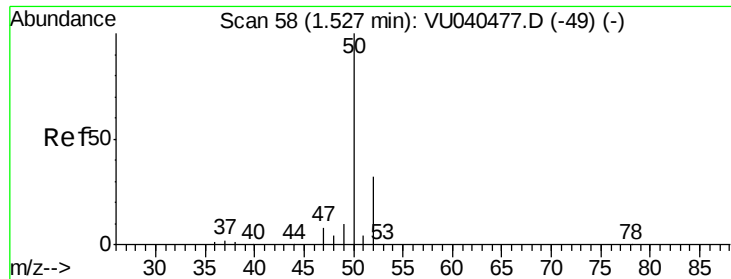
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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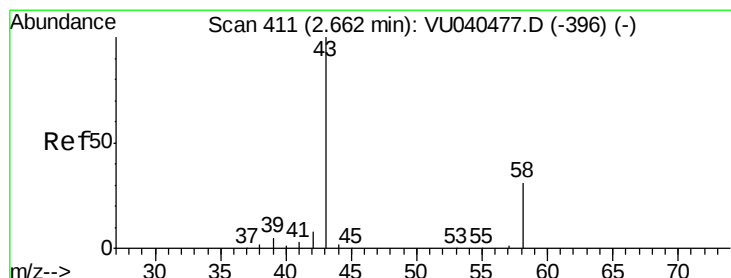
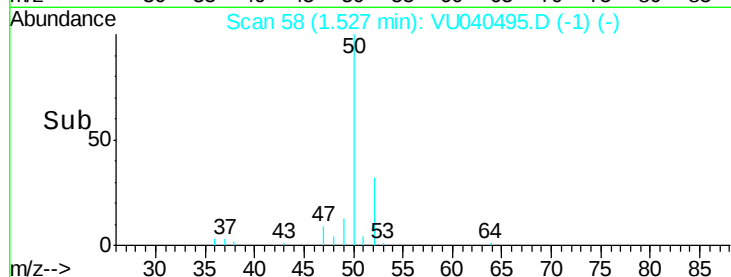
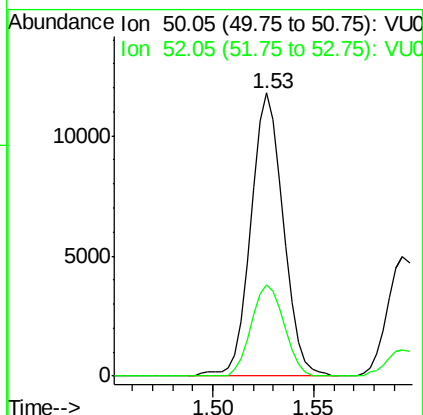
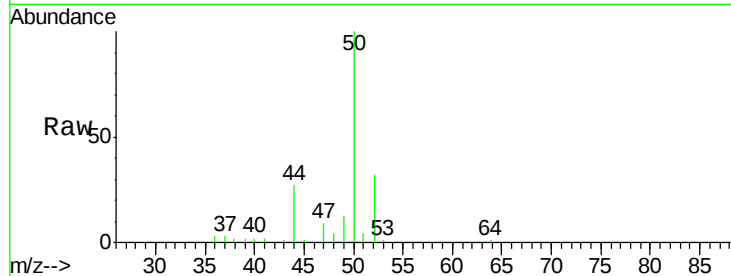




#3
Chloromethane
Concen: 1.006 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040495.D
Acq: 03 Oct 2020 21:19

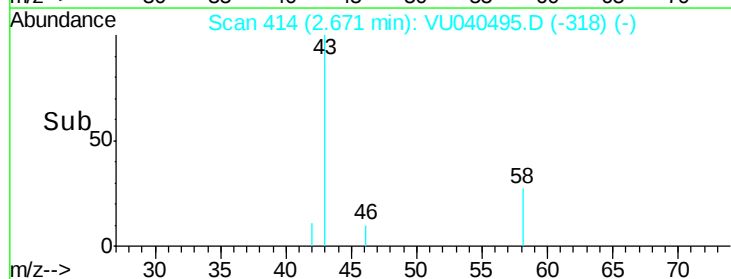
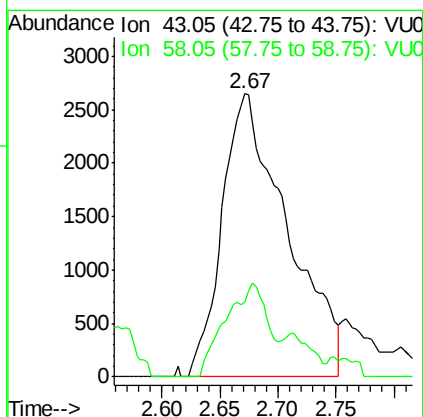
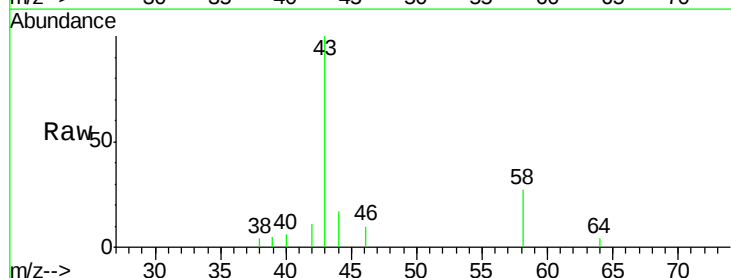
Instrument :
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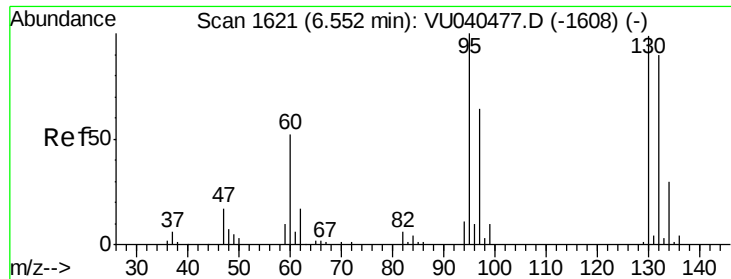
Tot Ion: 50 Resp: 13316
Ion Ratio Lower Upper
50 100
52 32.4 23.0 42.6



#13
Acetone
Concen: 3.733 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.01 min
Lab File: VU040495.D
Acq: 03 Oct 2020 21:19

Tgt Ion: 43 Resp: 10299
Ion Ratio Lower Upper
43 100
58 21.5 0.0 61.8

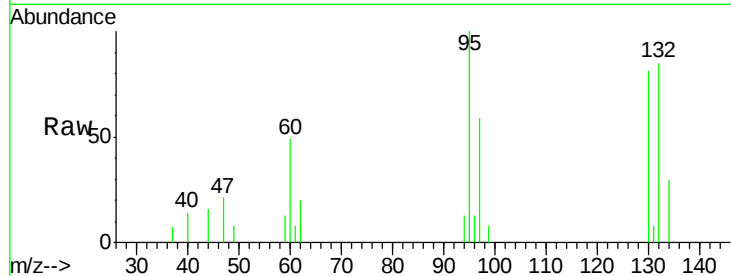




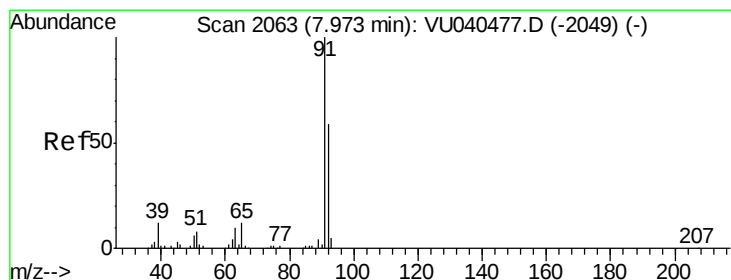
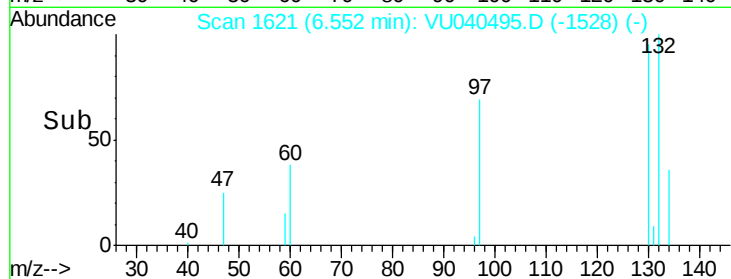
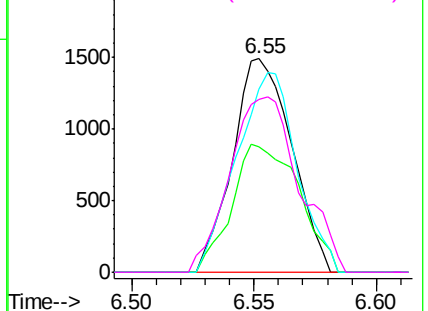
#34
 Trichloroethene
 Concen: 0.210 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040495.D
 Acq: 03 Oct 2020 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS1

Tot Ion: 95 Resp: 2509
 Ion Ratio Lower Upper
 95 100
 97 59.0 46.3 85.9
 132 85.5 60.5 112.3
 130 81.0 64.3 119.3

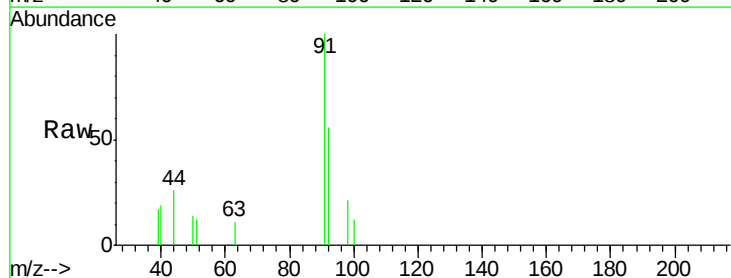


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

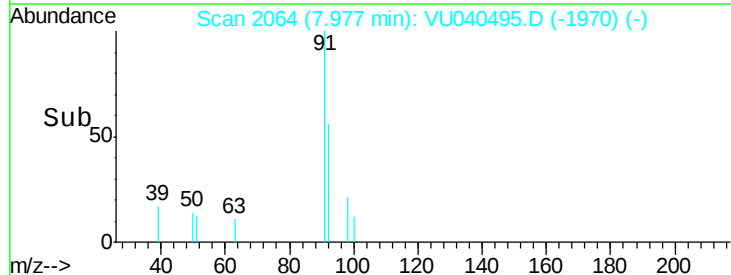
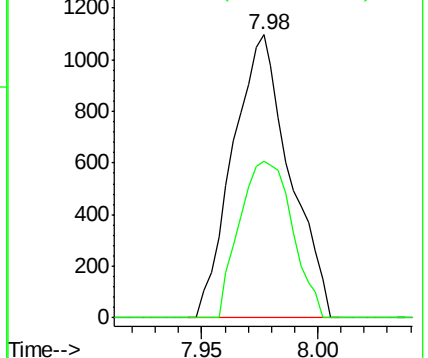


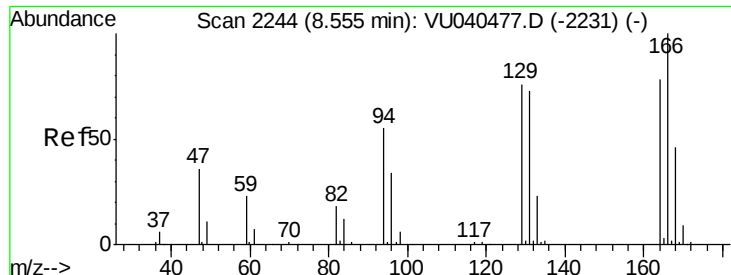
#42
 Toluene
 Concen: 0.041 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040495.D
 Acq: 03 Oct 2020 21:19

Tgt Ion: 91 Resp: 1872
 Ion Ratio Lower Upper
 91 100
 92 55.5 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 53.102 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040495.D

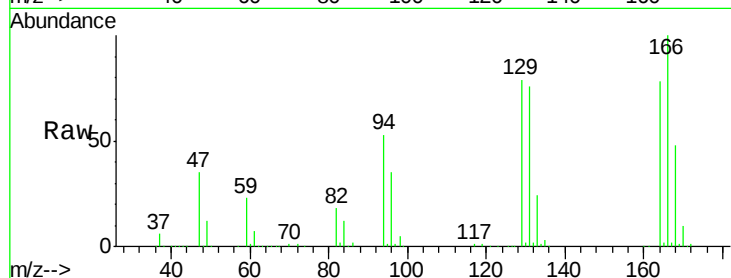
Acq: 03 Oct 2020 21:19

Instrument :

MSVOA_U

ClientSampleId :

BFSA1



Tot Ion:164 Resp: 449505

Ion Ratio Lower Upper

164 100

129 100.8 70.3 130.7

131 97.2 69.2 128.6

166 127.9 91.1 169.3

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

