

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038467.D
 Acq On : 01 Jun 2020 13:47
 Operator : JC/MD
 Sample : L2789-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX78

Quant Time: Jun 02 06:24:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297100	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80834	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	77445	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	133230	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.68	46	371377	63.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.16%
24) Chloroform-d	5.10	84	197297	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.74	65	119318	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.76	84	390152	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.72	67	122473	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.92	98	322332	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.20	79	50263	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.65	63	312424	65.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.66%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111314	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	135749	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

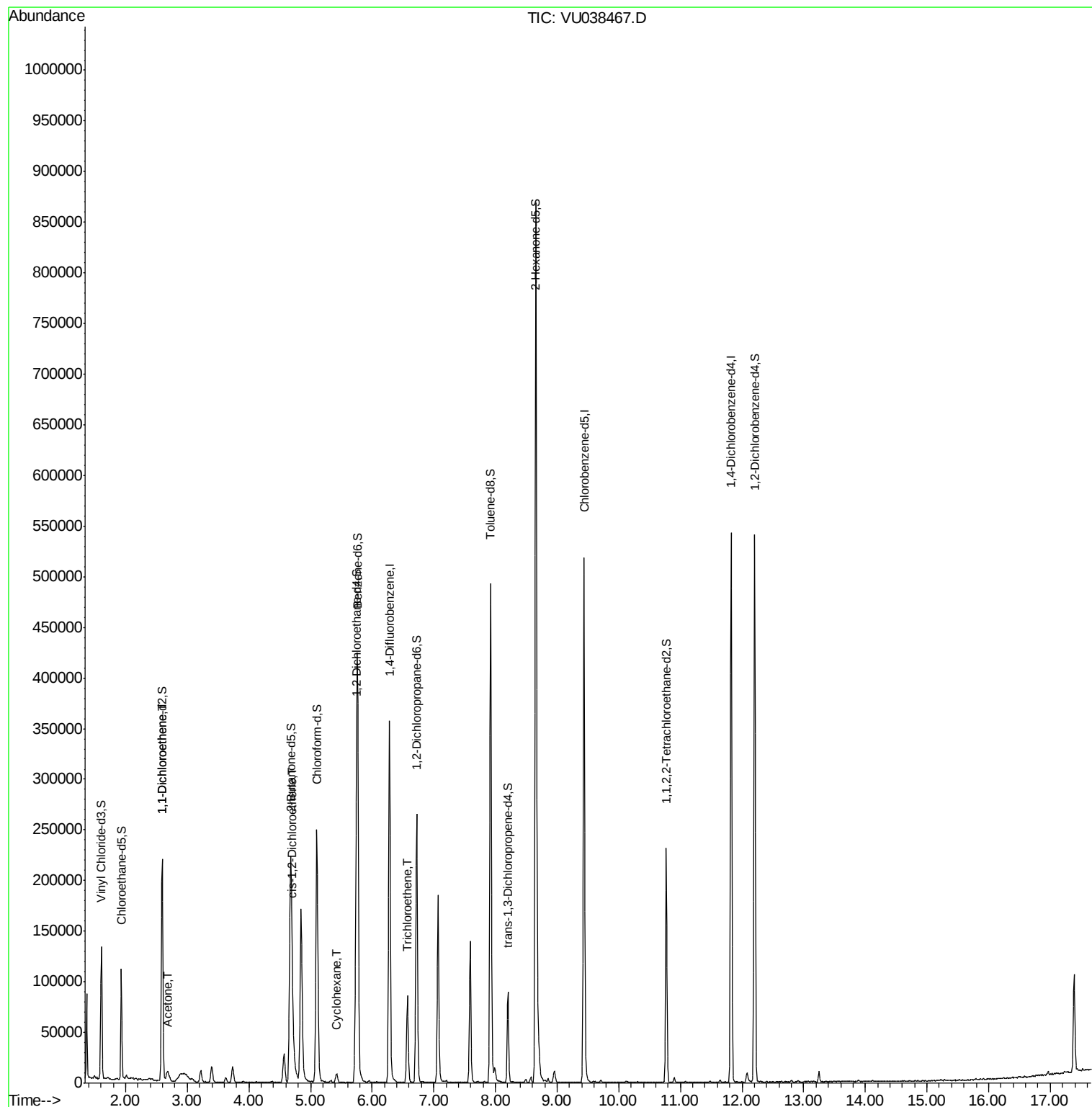
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	4663	0.255	ug/L	# 1
13) Acetone	2.69	43	19912	5.209	ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	2777	0.131	ug/L	98
30) Cyclohexane	5.42	56	3789	0.116	ug/L	96
34) Trichloroethene	6.57	95	28195	1.328	ug/L	96

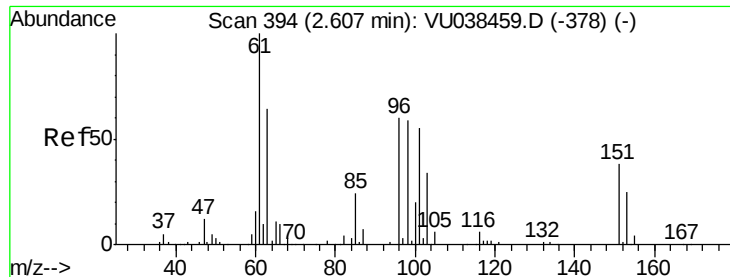
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.255 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

BFX78

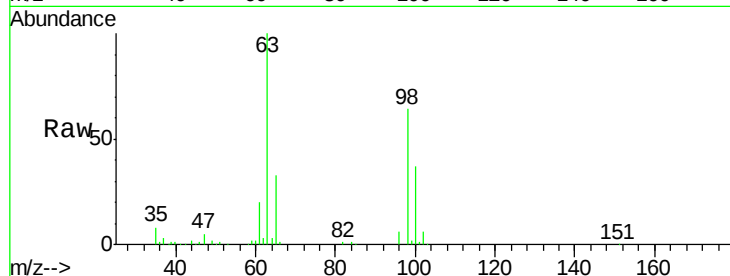
Tot Ion: 96 Resp: 4663

Ion Ratio Lower Upper

96 100

61 355.8 119.9 222.7#

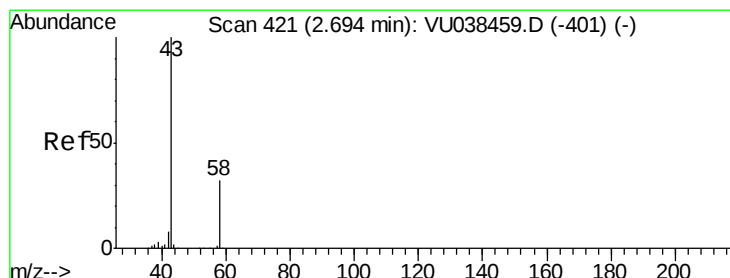
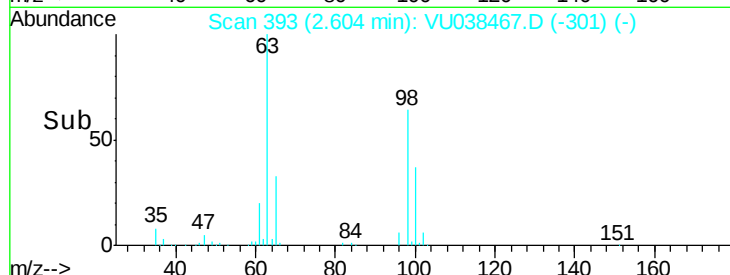
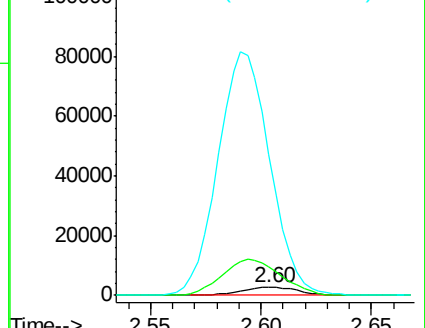
63 1771.2 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 5.209 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.01 min

Lab File: VU038467.D

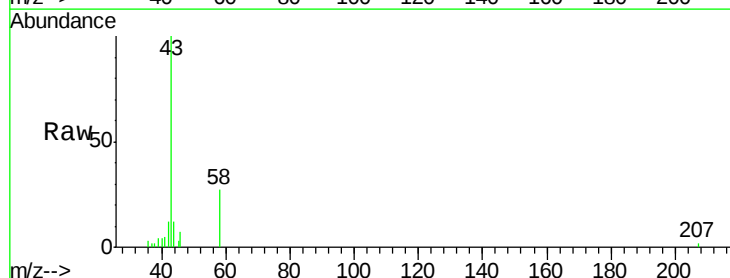
Acq: 01 Jun 2020 13:47

Tgt Ion: 43 Resp: 19912

Ion Ratio Lower Upper

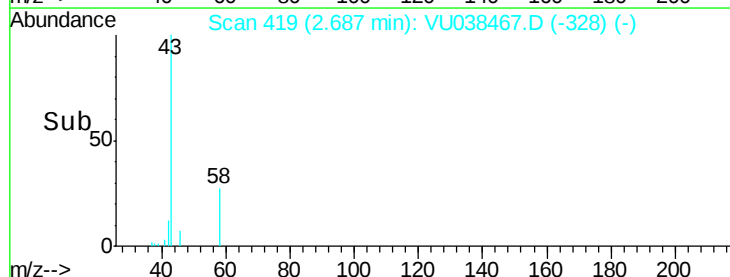
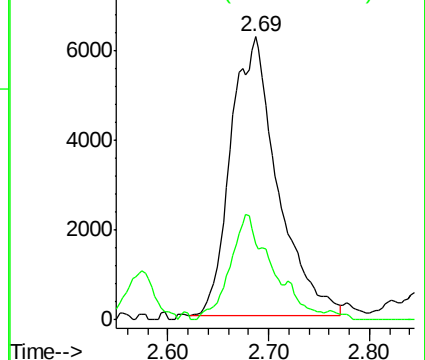
43 100

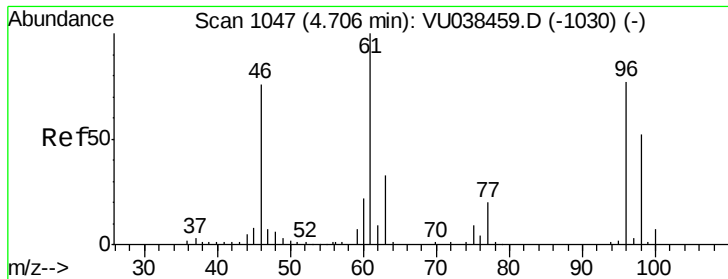
58 34.8 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

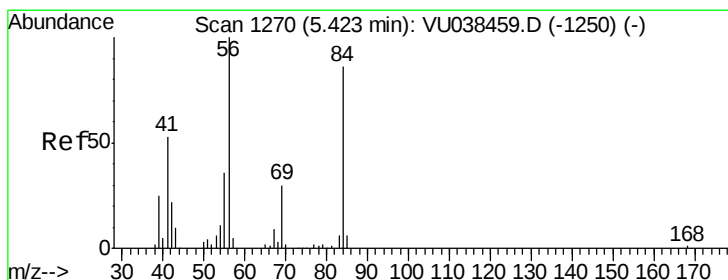
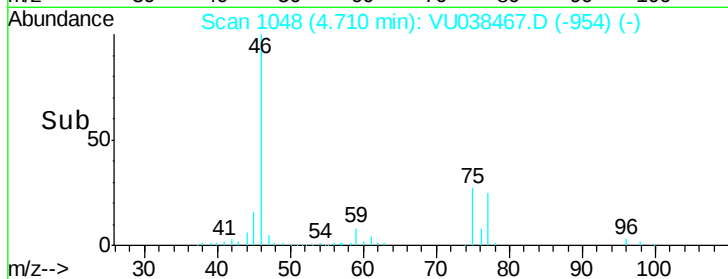
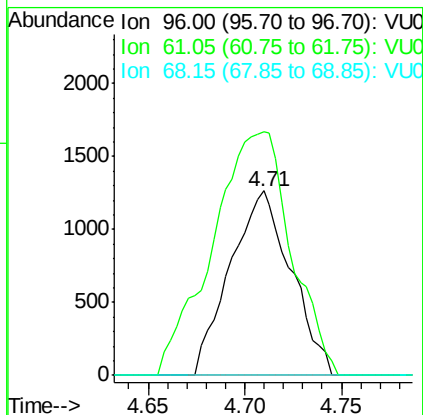
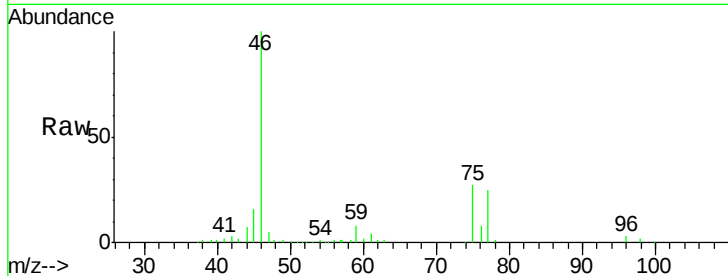




#22
 cis-1,2-Dichloroethene
 Concen: 0.131 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU038467.D
 Acq: 01 Jun 2020 13:47

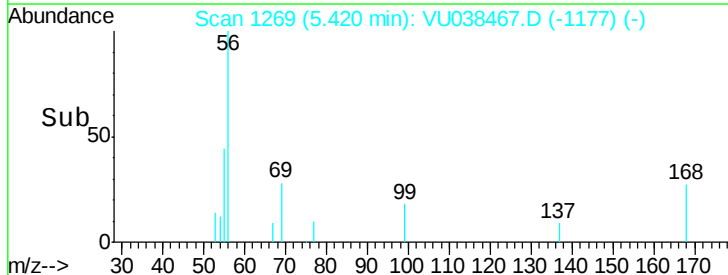
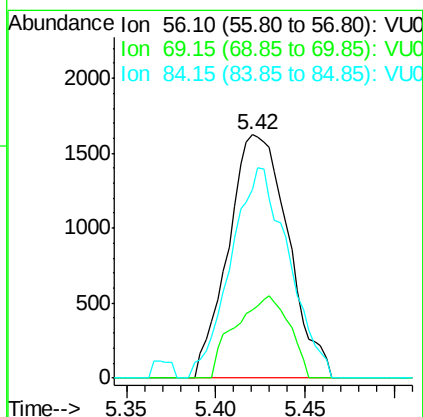
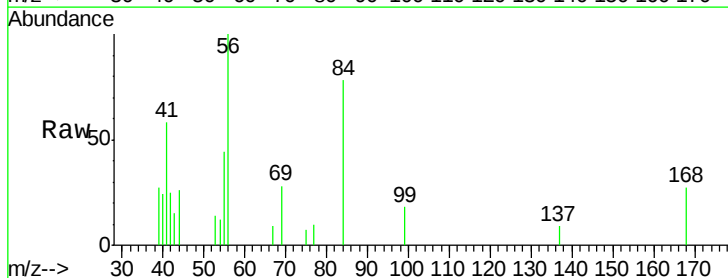
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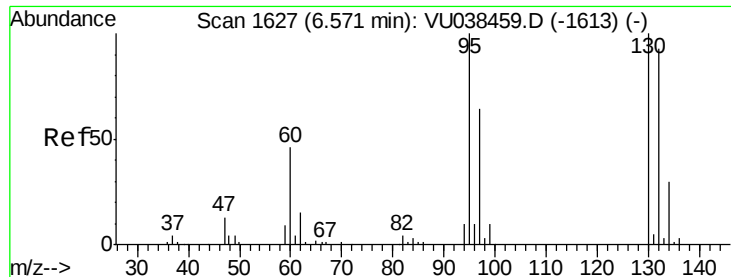
Tot Ion: 96 Resp: 2777
 Ion Ratio Lower Upper
 96 100
 61 131.9 94.0 174.6
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 0.116 ug/L
 RT: 5.42 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VU038467.D
 Acq: 01 Jun 2020 13:47

Tgt Ion: 56 Resp: 3789
 Ion Ratio Lower Upper
 56 100
 69 30.4 24.2 36.4
 84 83.9 70.8 106.2





#34

Trichloroethene

Concen: 1.328 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038467.D

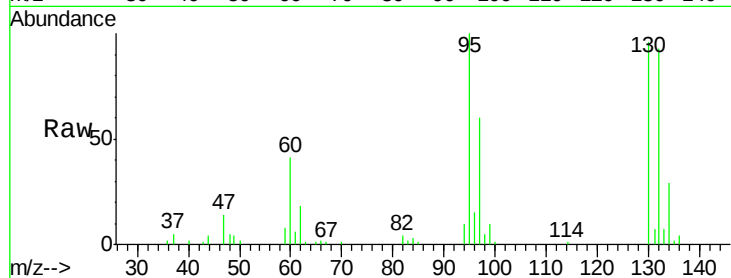
Acq: 01 Jun 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

BFX78



Tot Ion: 95 Resp: 28195

Ion Ratio Lower Upper

95 100

97 59.6 46.8 87.0

132 93.0 66.1 122.7

130 95.7 70.0 130.0

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

