

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018766.D
 Acq On : 08 Oct 2020 15:36
 Operator : SY/MD
 Sample : L4284-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X0

Quant Time: Oct 09 07:18:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321543	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	319905	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81965	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.92%
7) Chloroethane-d5	1.58	69	78868	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.16%
11) 1,1-Dichloroethene-d2	2.12	63	142194	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.02%
21) 2-Butanone-d5	3.91	46	145699	103.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	4.37	84	198669	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.06	65	143939	55.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.20%
32) Benzene-d6	5.07	84	406905	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
36) 1,2-Dichloropropane-d6	6.09	67	136076	55.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.16%
41) Toluene-d8	7.34	98	354357	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%
43) trans-1,3-Dichloropropene-	7.64	79	61265	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.64%
47) 2-Hexanone-d5	8.11	63	69322	74.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.54%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	131016	40.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	140609	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%

Target Compounds

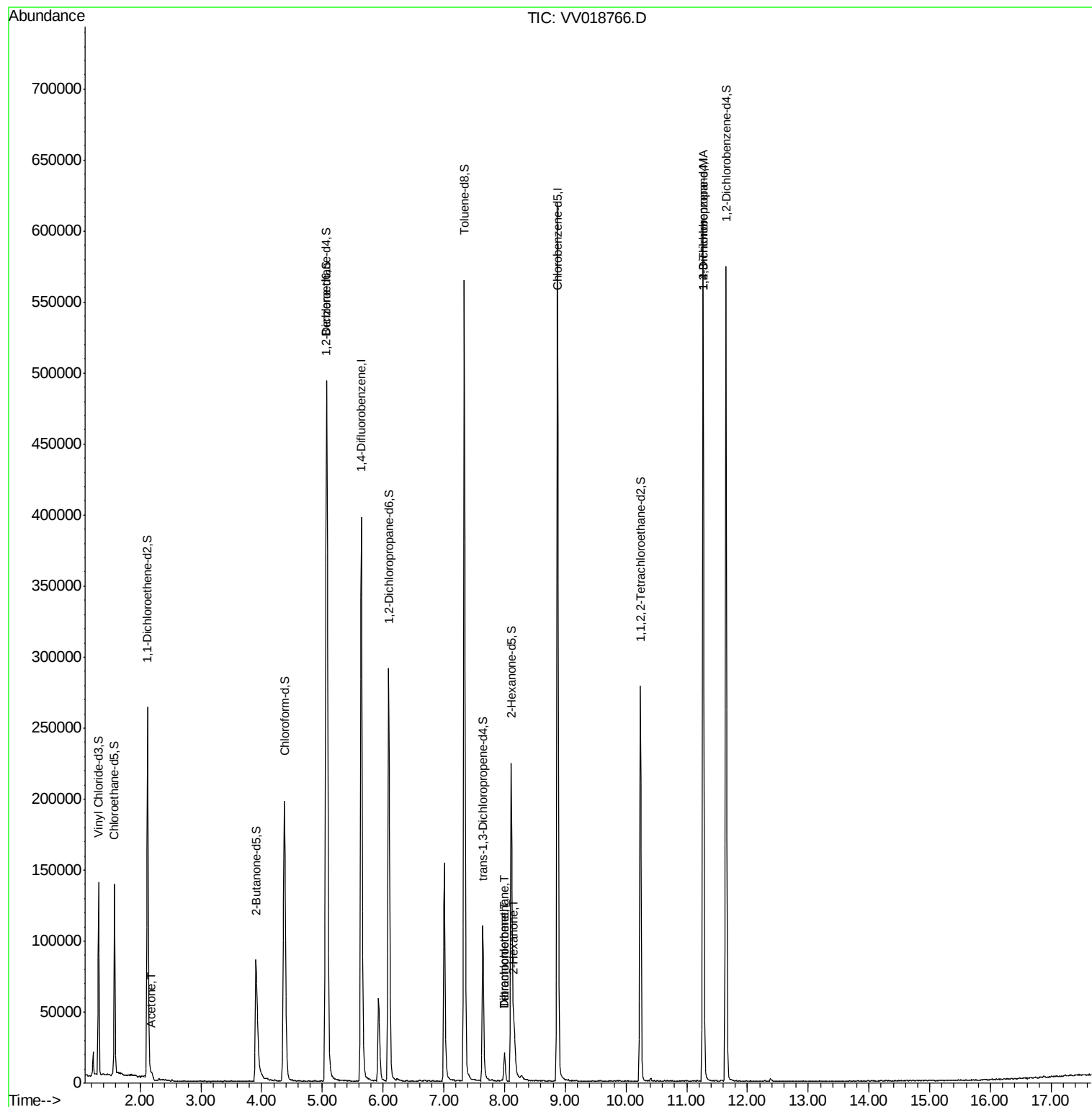
					Ovalue
13) Acetone	2.19	43	5910	4.863 ug/L	92
46) Tetrachloroethene	8.00	164	4652	2.102 ug/L	94
48) 2-Hexanone	8.16	43	24212	9.973 ug/L #	70
49) Dibromochloromethane	8.00	129	4057	1.486 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	18562	6.329 ug/L #	88

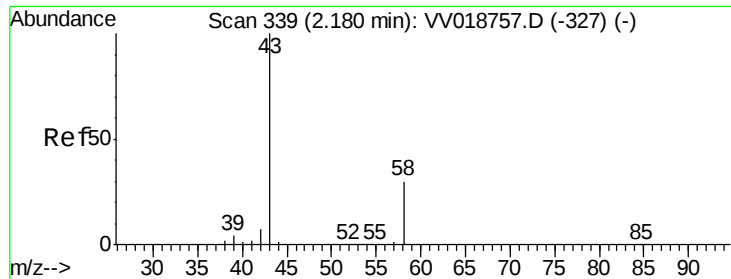
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.863 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV018766.D

Acq: 08 Oct 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

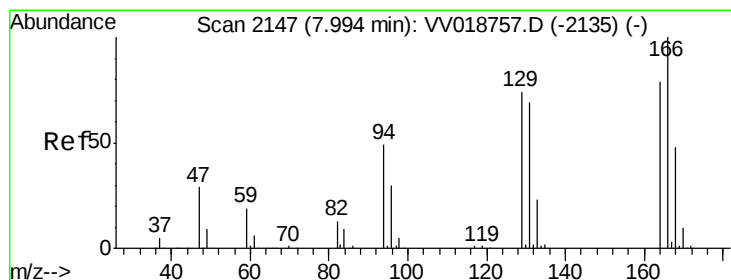
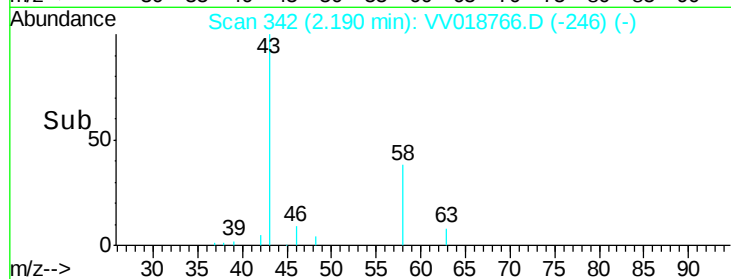
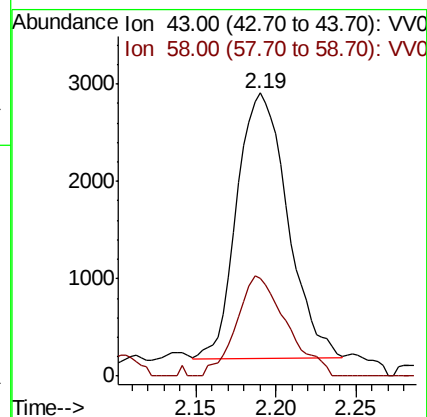
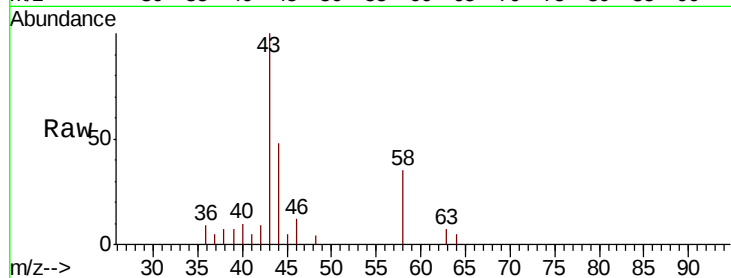
BG3X0

Tot Ion: 43 Resp: 5910

Ion Ratio Lower Upper

43 100

58 36.6 0.0 64.0



#46

Tetrachloroethene

Concen: 2.102 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018766.D

Acq: 08 Oct 2020 15:36

Tgt Ion: 164 Resp: 4652

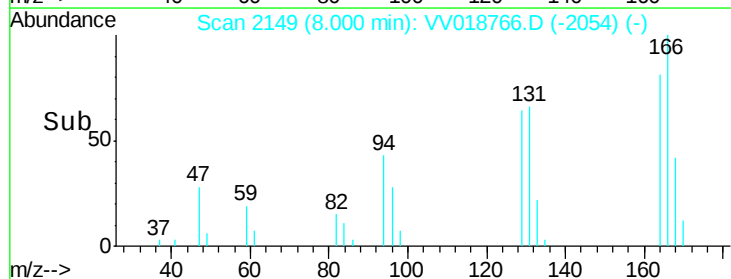
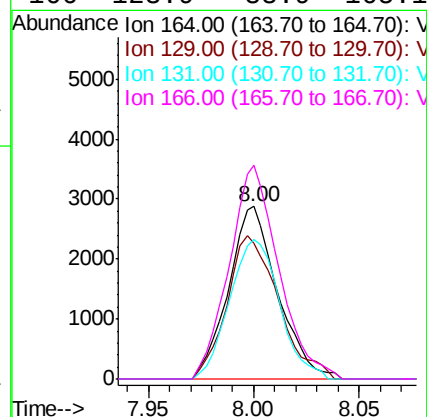
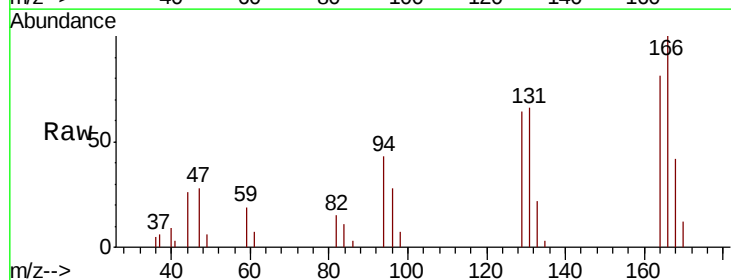
Ion Ratio Lower Upper

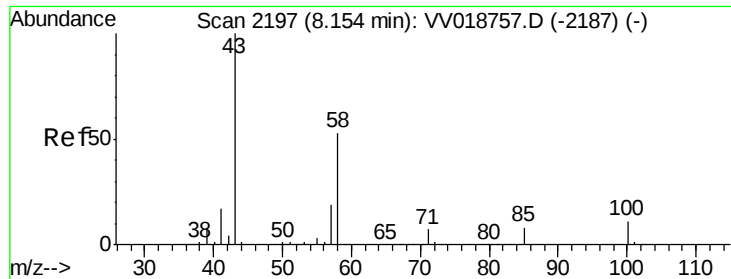
164 100

129 79.0 62.8 116.6

131 81.2 60.8 112.8

166 123.9 88.9 165.1

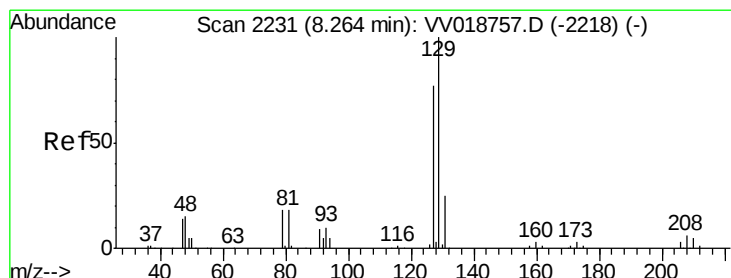
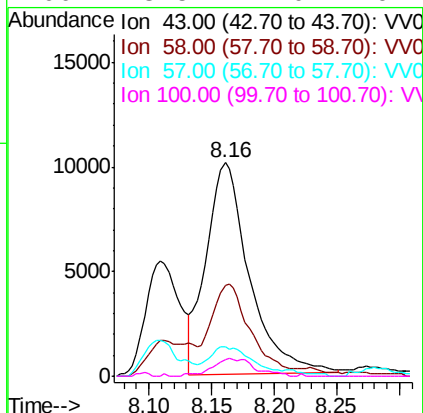
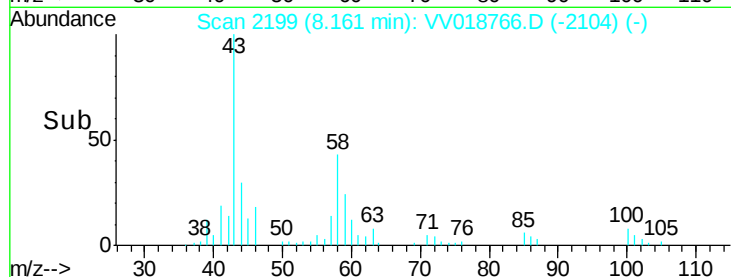
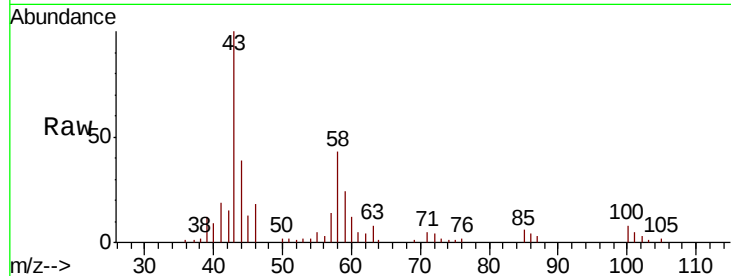




#48
2-Hexanone
Concen: 9.973 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018766.D
Acq: 08 Oct 2020 15:36

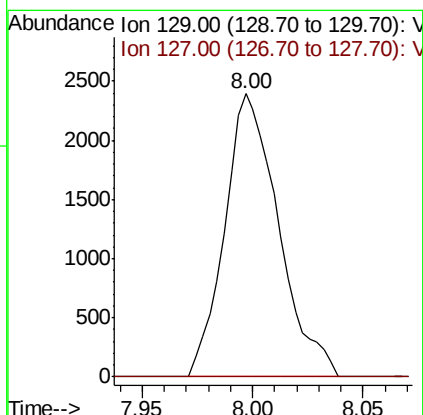
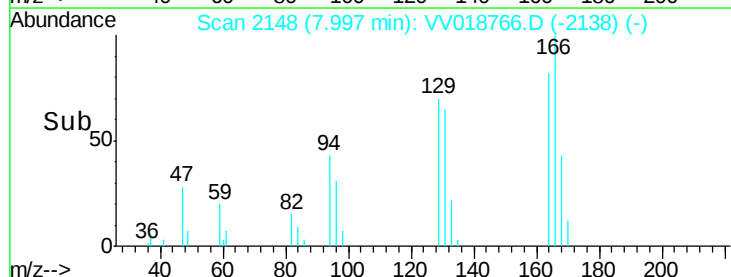
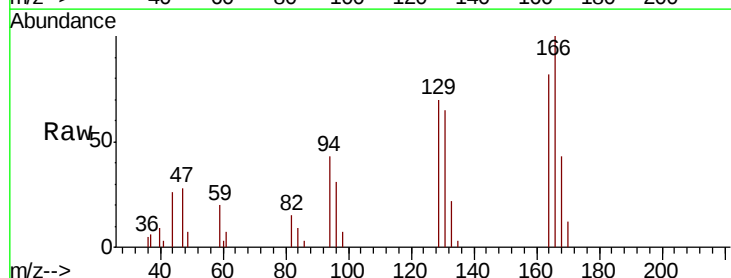
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BG3X0

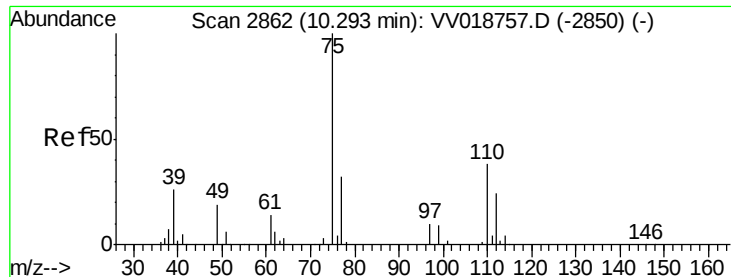
Tot Ion: 43 Resp: 24212
Ion Ratio Lower Upper
43 100
58 35.6 45.1 67.7#
57 3.2 15.7 23.5#
100 3.5 11.0 16.4#



#49
Dibromochloromethane
Concen: 1.486 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV018766.D
Acq: 08 Oct 2020 15:36

Tgt Ion: 129 Resp: 4057
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 6.329 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018766.D

Acq: 08 Oct 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

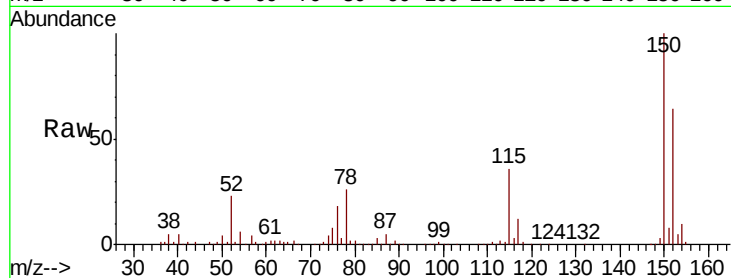
BG3X0

Tot Ion: 75 Resp: 18562

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

