

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037224.D
 Acq On : 13 Mar 2020 05:09
 Operator : JC/MD
 Sample : L1886-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:32:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	386529	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	379833	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132846	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.82%
7) Chloroethane-d5	1.93	69	116739	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	192888	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.28%
21) 2-Butanone-d5	4.67	46	259351	109.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.55%
24) Chloroform-d	5.11	84	278233	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.74	65	213006	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
32) Benzene-d6	5.76	84	517286	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.72	67	173320	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.28%
41) Toluene-d8	7.92	98	471312	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%
43) trans-1,3-Dichloropropene-	8.20	79	84502	45.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.72%
47) 2-Hexanone-d5	8.66	63	184704	104.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	257451	48.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.12%
64) 1,2-Dichlorobenzene-d4	12.21	152	173472	52.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.68%

Target Compounds

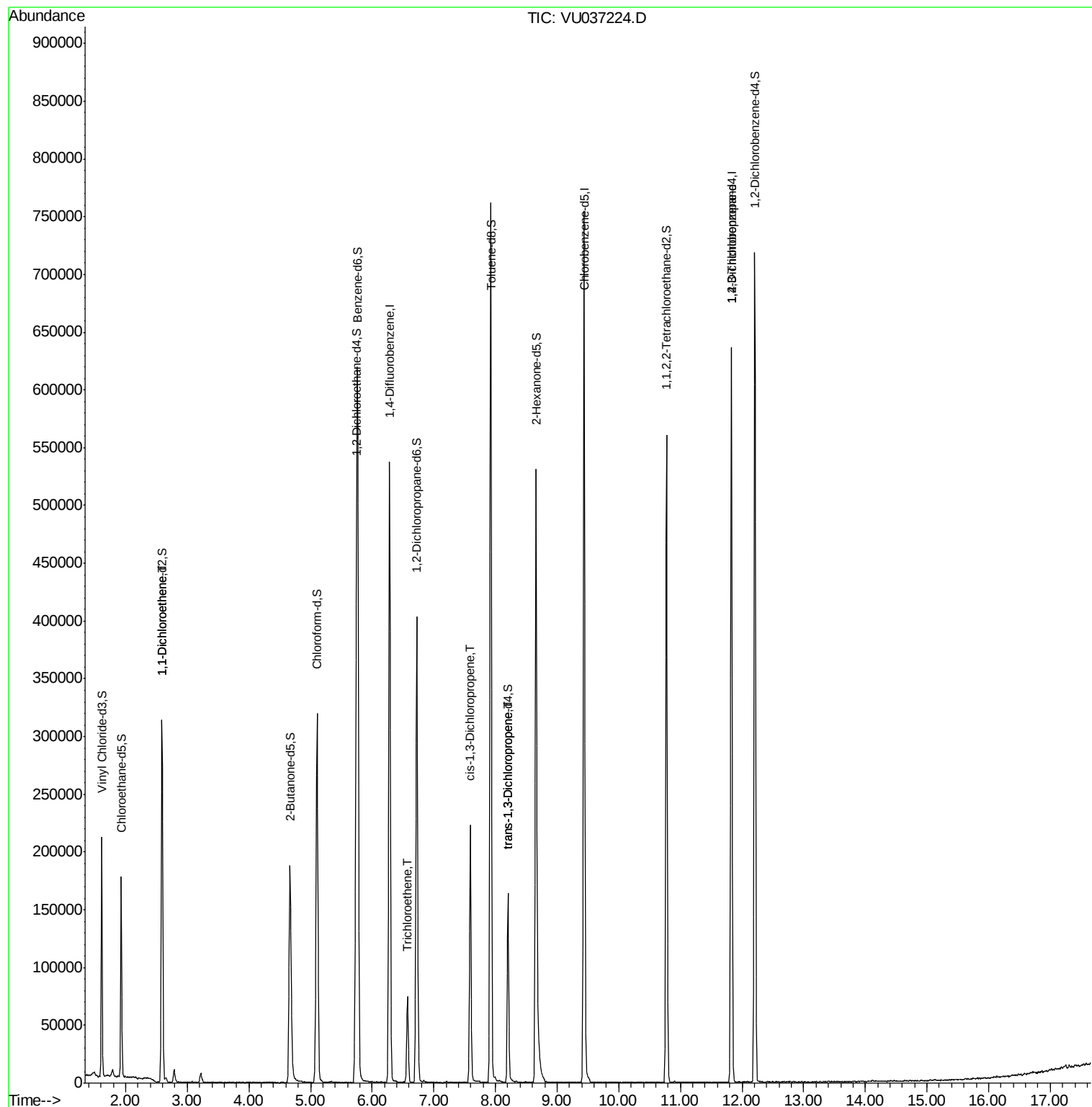
				Ovalue	
12) 1,1-Dichloroethene	2.60	96	1798	0.788 ug/L #	1
34) Trichloroethene	6.57	95	23595	8.110 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	6603	1.338 ug/L #	77
44) trans-1,3-Dichloropropene	8.20	75	4998	1.073 ug/L #	79
59) 1,2,3-Trichloropropane	11.83	75	22078	4.991 ug/L	92

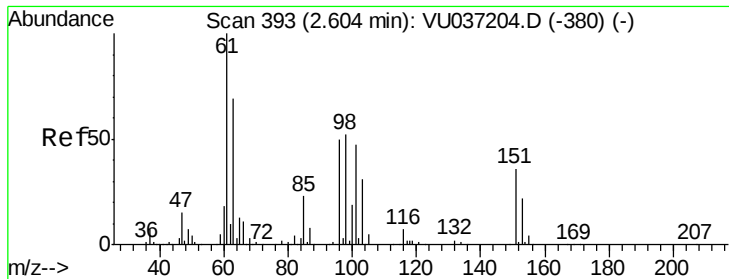
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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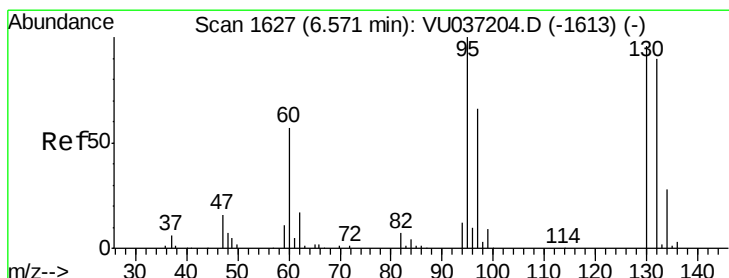
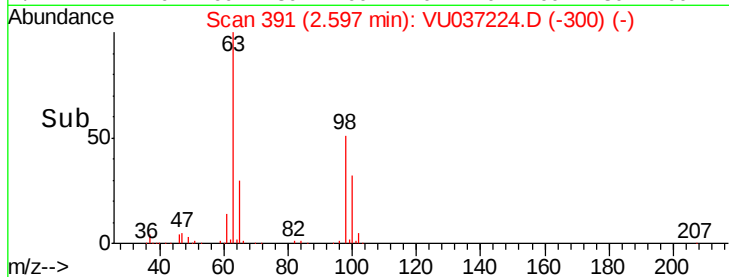
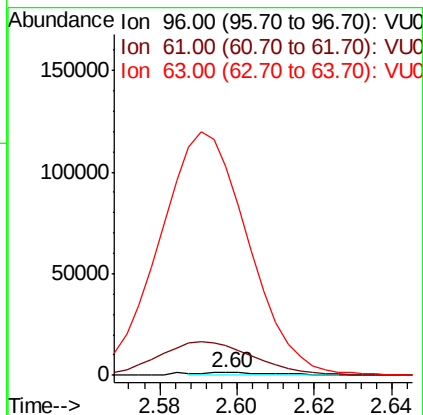
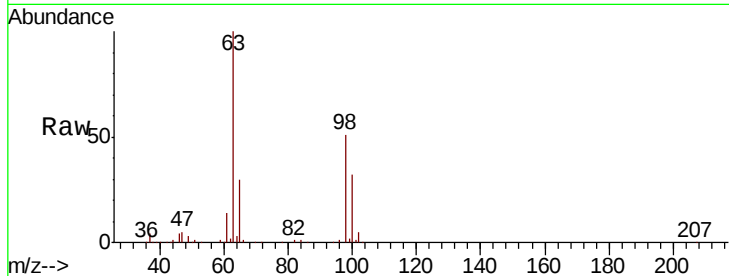




#12
1,1-Dichloroethene
Concen: 0.788 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU037224.D
Acq: 13 Mar 2020 05:09

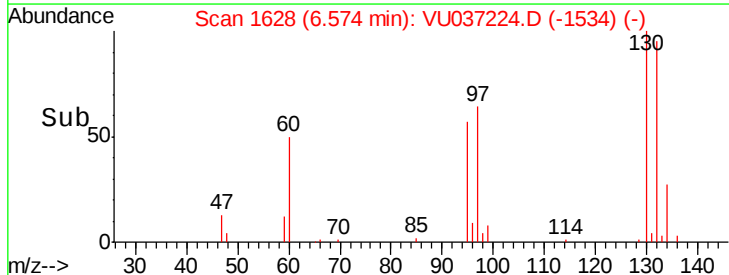
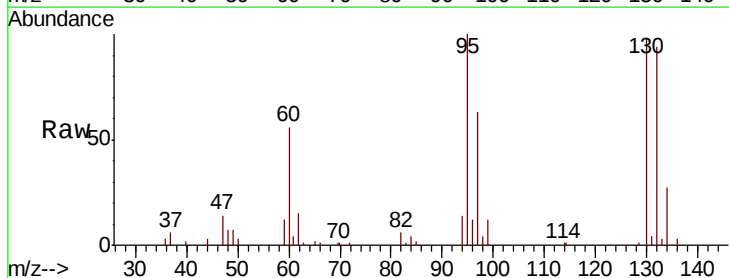
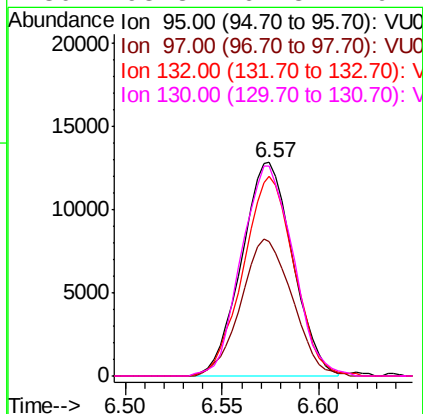
Instrument :
MSVOA_U
ClientSampleId :

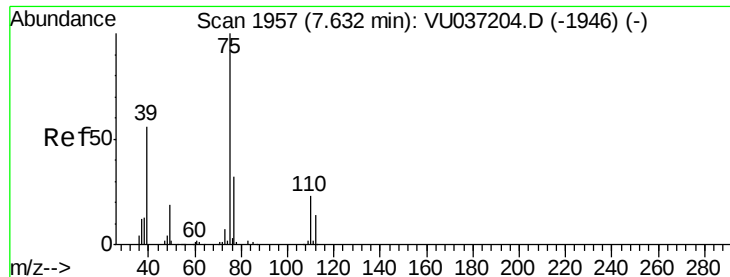
Tot Ion: 96 Resp: 1798
Ion Ratio Lower Upper
96 100
61 1196.1 138.8 257.8#
63 8536.9 106.4 197.6#



#34
Trichloroethene
Concen: 8.110 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037224.D
Acq: 13 Mar 2020 05:09

Tgt Ion: 95 Resp: 23595
Ion Ratio Lower Upper
95 100
97 62.7 43.8 81.4
132 93.8 62.6 116.3
130 98.3 64.8 120.4

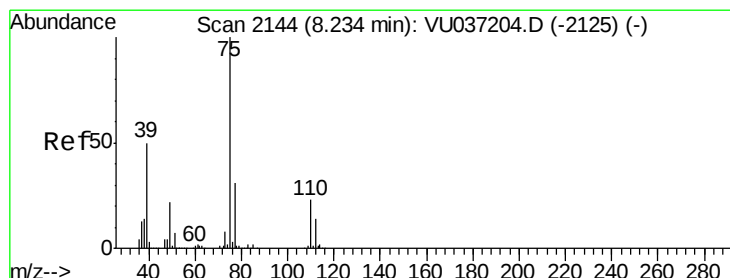
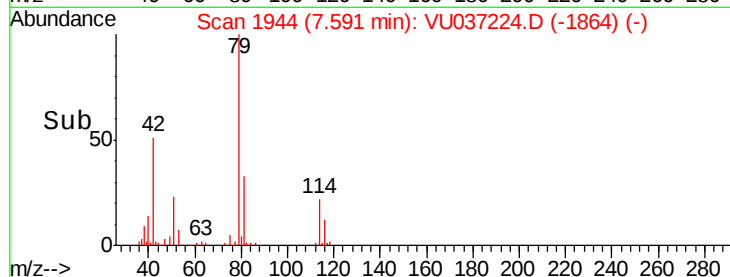
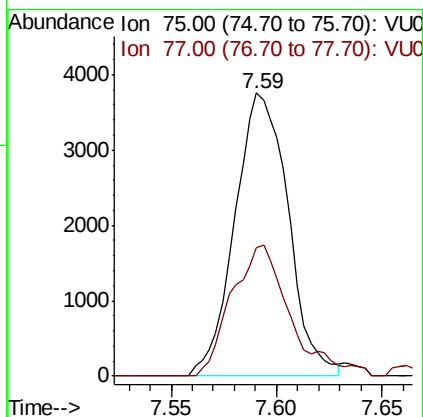
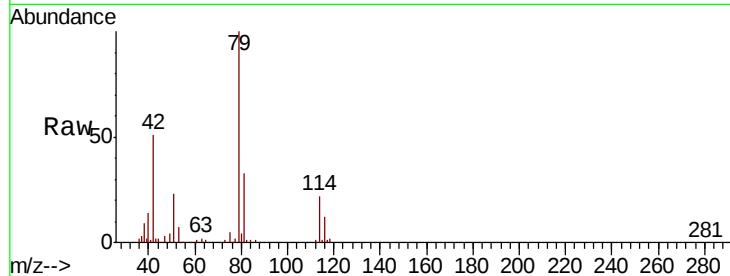




#39
 cis-1,3-Dichloropropene
 Concen: 1.338 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037224.D
 Acq: 13 Mar 2020 05:09

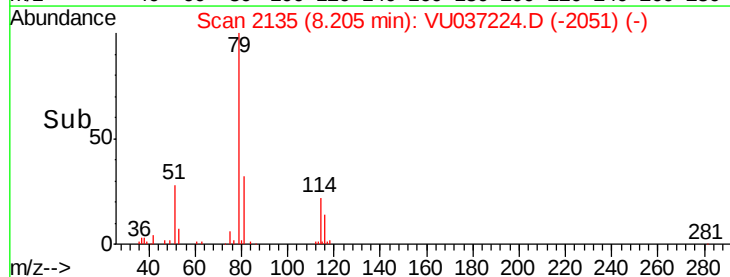
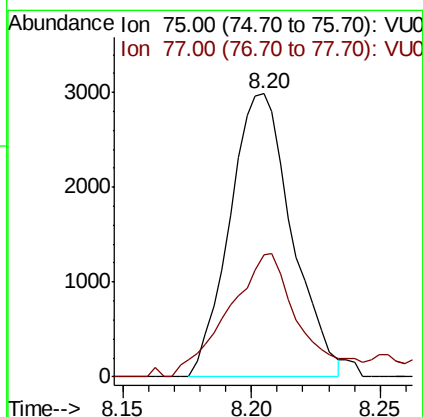
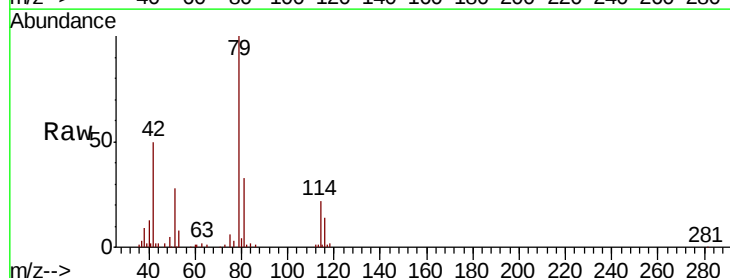
Instrument :
 MSVOA_U
 ClientSampleId :

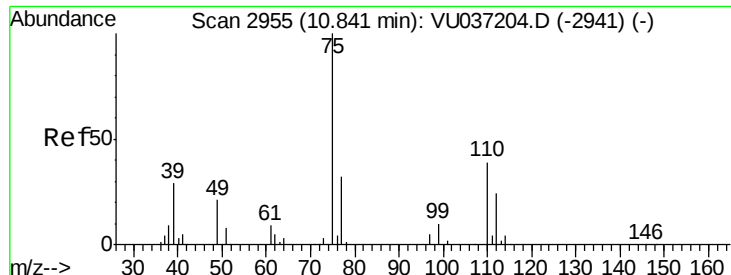
Tot Ion: 75 Resp: 6603
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 1.073 ug/L
 RT: 8.20 min Scan# 2135
 Delta R.T. -0.03 min
 Lab File: VU037224.D
 Acq: 13 Mar 2020 05:09

Tgt Ion: 75 Resp: 4998
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 4.991 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037224.D

Acq: 13 Mar 2020 05:09

Instrument :

MSVOA_U

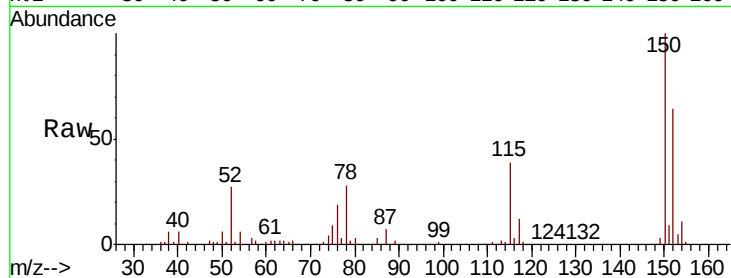
ClientSampleId :

Tot Ion: 75 Resp: 22078

Ion Ratio Lower Upper

75 100

77 35.6 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

