

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122418\
 Data File : VU028945.D
 Acq On : 24 Dec 2018 14:18
 Operator : MD/SY
 Sample : J6489-09
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F86

Quant Time: Dec 27 11:29:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 25 00:02:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	258629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	248993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	135127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61271	29.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.10%#
7) Chloroethane-d5	1.64	69	34092	21.29	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.58%#
11) 1,1-Dichloroethene-d2	2.23	63	96760	27.75	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.50%#
21) 2-Butanone-d5	4.19	46	117877	81.14	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.14%
24) Chloroform-d	4.64	84	127141	39.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.30	65	81406	40.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.02%
32) Benzene-d6	5.33	84	282765	40.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.32	67	94311	39.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.94%
41) Toluene-d8	7.56	98	278658	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.85	79	47341	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.32	63	110953	97.76	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153529	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	125435	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

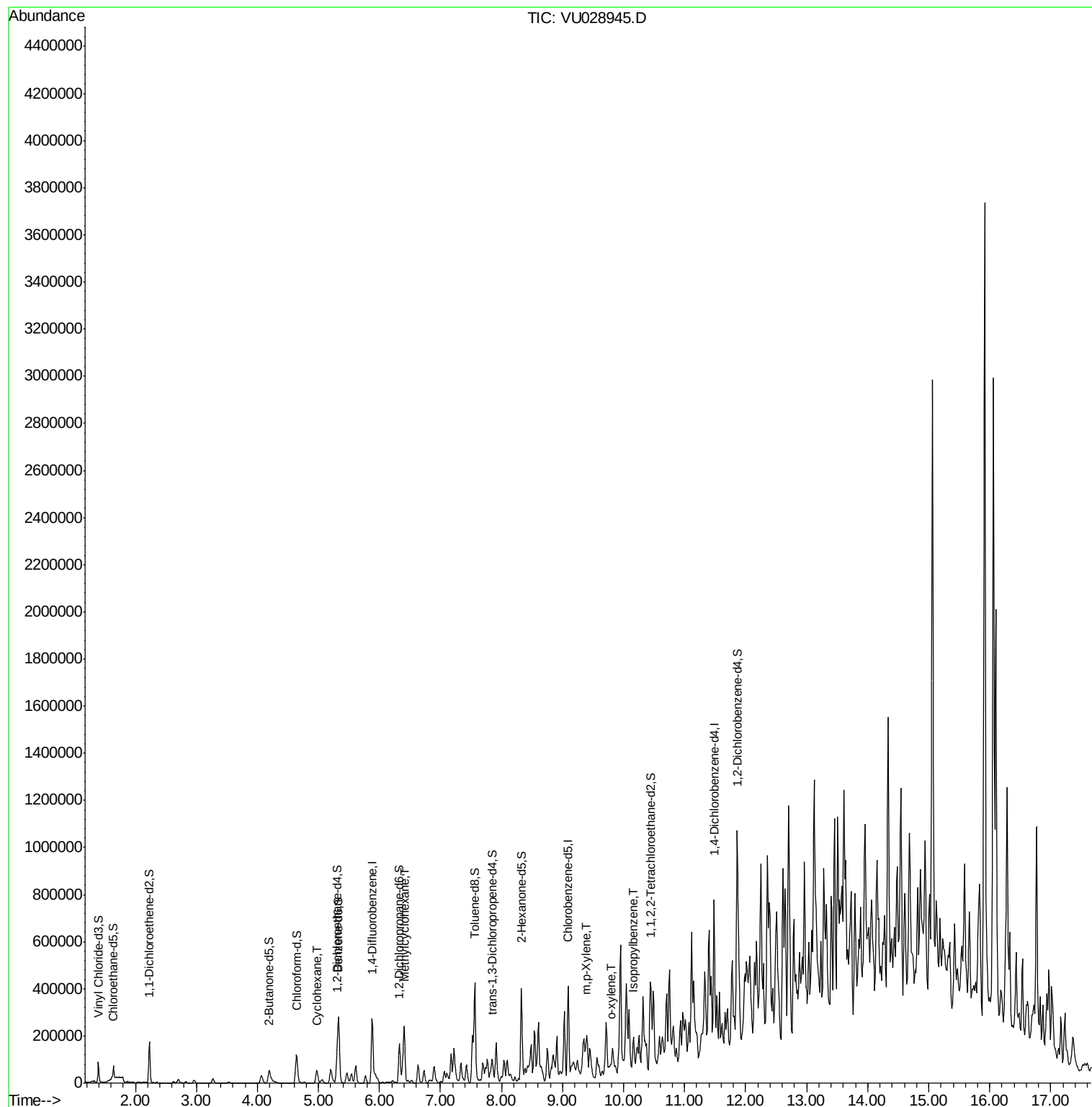
					Qvalue
29) Cyclohexane	4.97	56	19921	6.011 ug/L	91
35) Methylcyclohexane	6.40	83	113753	35.688 ug/L	97
53) m,p-Xylene	9.38	106	13255	4.151 ug/L	95
54) o-xylene	9.78	106	12309	3.846 ug/L	86
56) Isopropylbenzene	10.17	105	39774	4.900 ug/L #	91

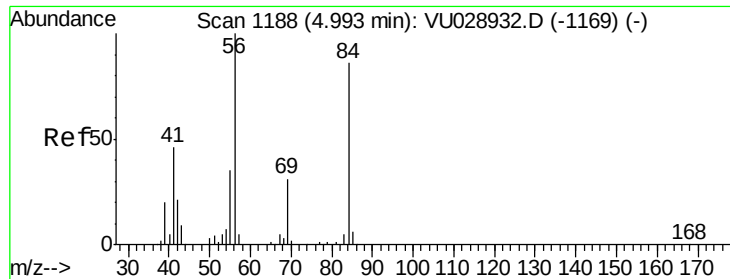
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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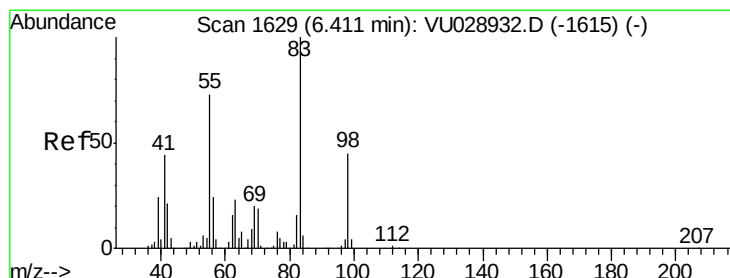
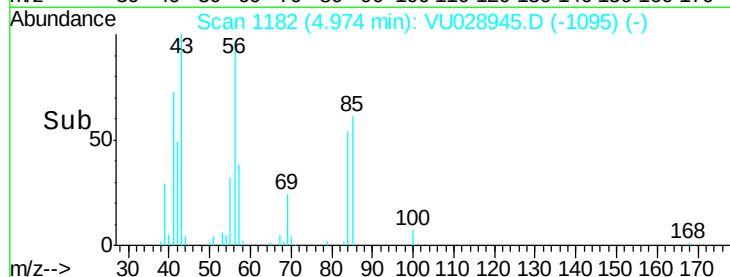
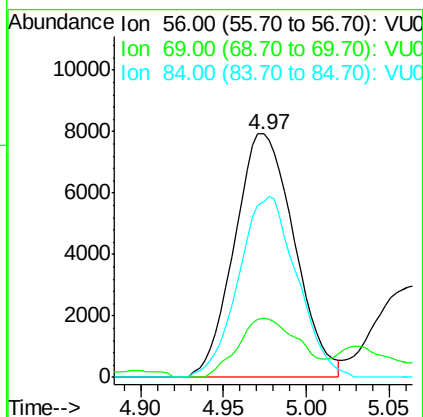
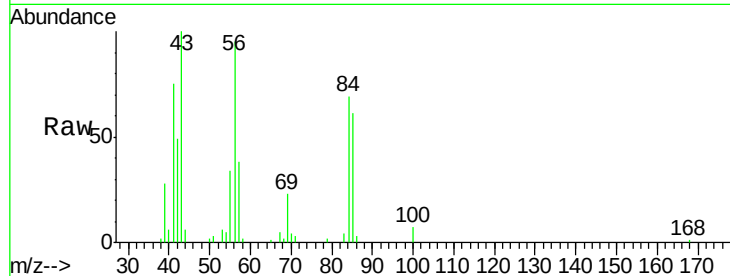




#29
Cyclohexane
Concen: 6.011 ug/L
RT: 4.97 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VU028945.D
Acq: 24 Dec 2018 14:18

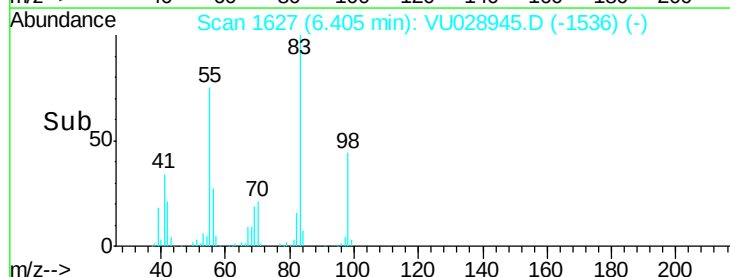
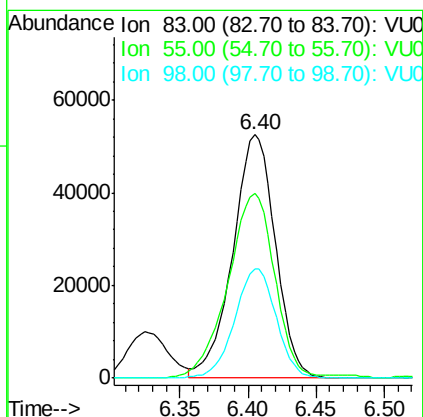
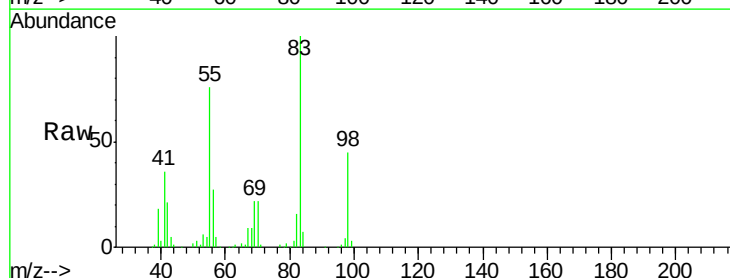
Instrument :
MSVOA_U
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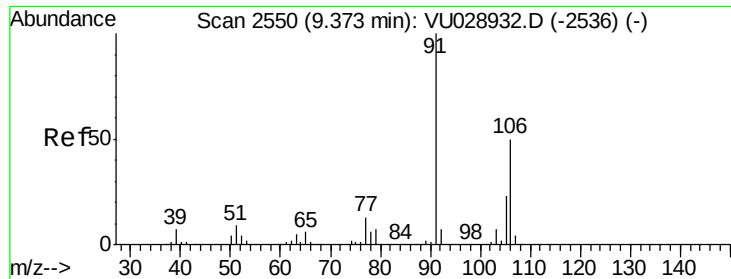
Tgt Ion	Ratio	Lower	Upper
56	100		
69	24.5	23.8	35.8
84	72.6	63.8	95.8



#35
Methylcyclohexane
Concen: 35.688 ug/L
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU028945.D
Acq: 24 Dec 2018 14:18

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.1	63.7	95.5
98	43.8	35.6	53.4

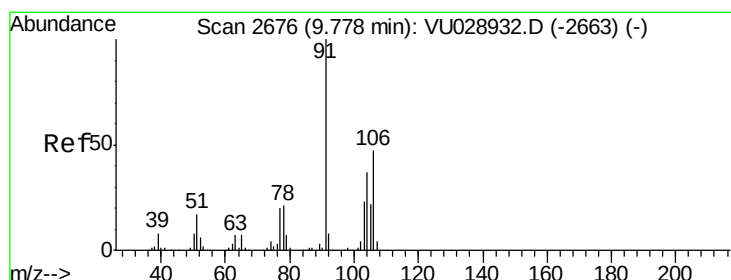
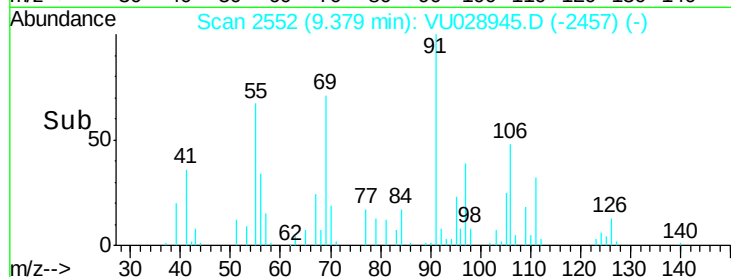
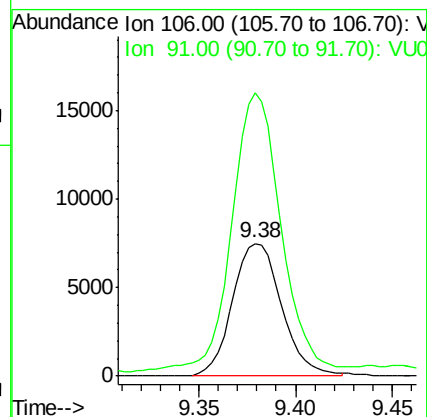
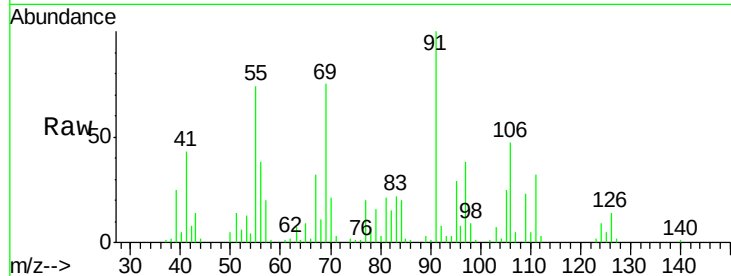




#53
m,p-Xylene
Concen: 4.151 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU028945.D
Acq: 24 Dec 2018 14:18

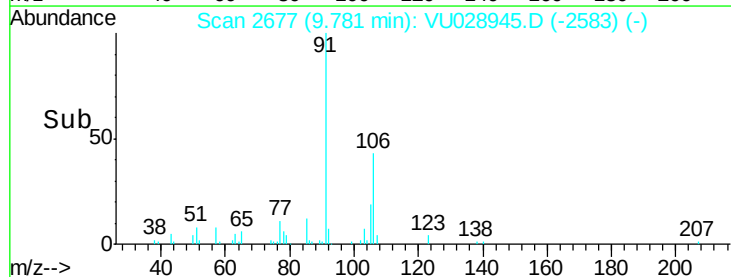
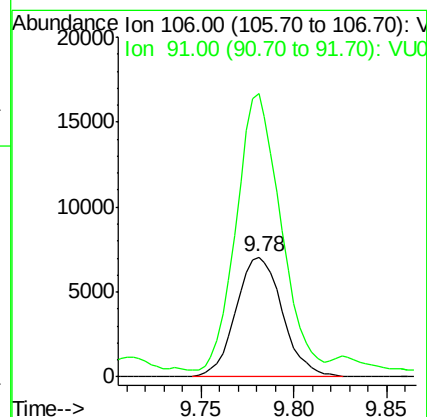
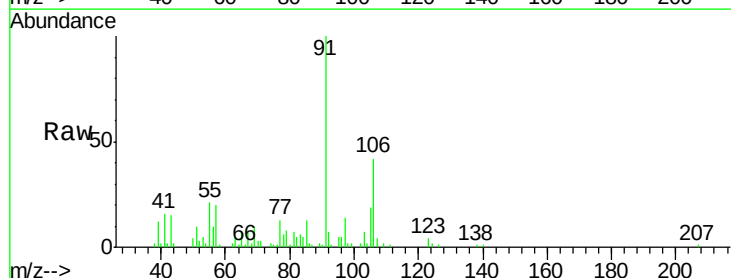
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MSVOA_U
ClientSampleId :
F9F86

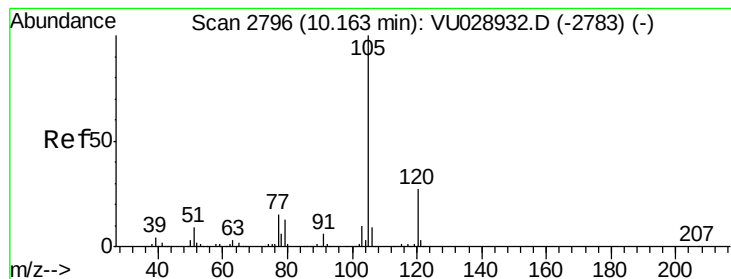
Tgt Ion:106 Resp: 13255
Ion Ratio Lower Upper
106 100
91 213.3 144.1 267.5



#54
o-xylene
Concen: 3.846 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028945.D
Acq: 24 Dec 2018 14:18

Tgt Ion:106 Resp: 12309
Ion Ratio Lower Upper
106 100
91 236.7 150.4 279.4





#56

Isopropylbenzene

Concen: 4.900 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028945.D

Acq: 24 Dec 2018 14:18

Instrument :

MSVOA_U

ClientSampleId :

F9F86

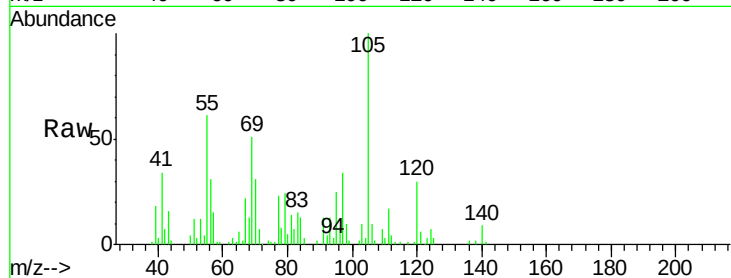
Tgt Ion:105 Resp: 39774

Ion Ratio Lower Upper

105 100

120 26.0 21.4 32.2

77 25.2 12.3 18.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU

