

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031790.D
 Acq On : 06 May 2019 19:26
 Operator : JC/SP
 Sample : K2634-04
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	736763	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	704119	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	315653	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	240102	38.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.88%
7) Chloroethane-d5	1.67	69	171375	35.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.92%
11) 1,1-Dichloroethene-d2	2.24	63	392238	31.94	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.88%
21) 2-Butanone-d5	4.21	46	586301	104.94	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.94%
24) Chloroform-d	4.64	84	524736	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.31	65	381812	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.50%
32) Benzene-d6	5.33	84	1018147	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
36) 1,2-Dichloropropane-d6	6.32	67	377159	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.56	98	820473	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%
43) trans-1,3-Dichloropropene-	7.85	79	150177	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.34	63	382694	116.23	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.23%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	487625	47.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	300466	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%

Target Compounds

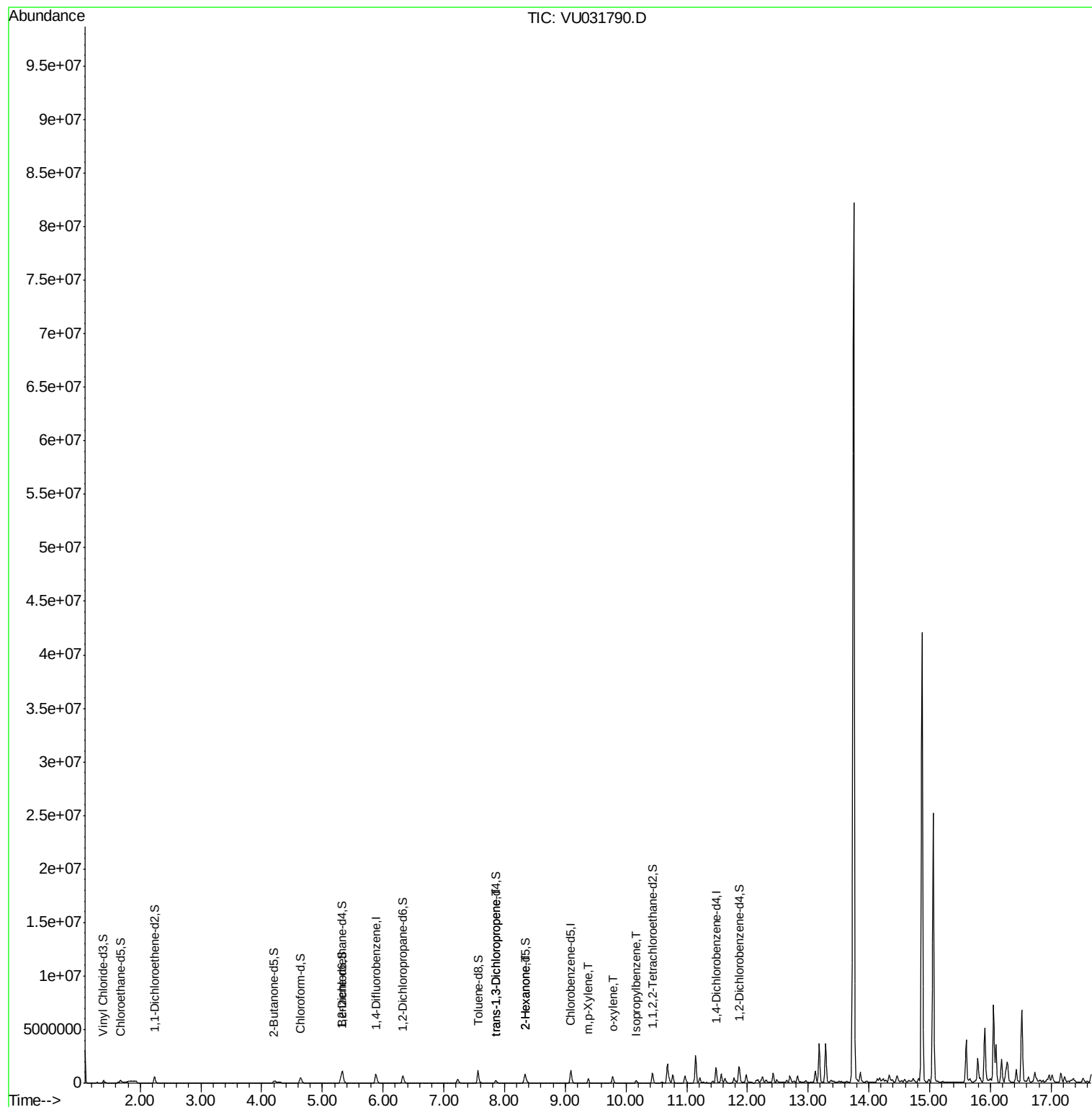
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) trans-1,3-Dichloropropene	7.85	75	5977	0.679	ug/L	96
48) 2-Hexanone	8.34	43	53091	5.805	ug/L #	65
53) m,p-Xylene	9.38	106	114729	12.310	ug/L	98
54) o-xylene	9.78	106	165183	17.877	ug/L	97
56) Isopropylbenzene	10.17	105	150836	6.208	ug/L	96

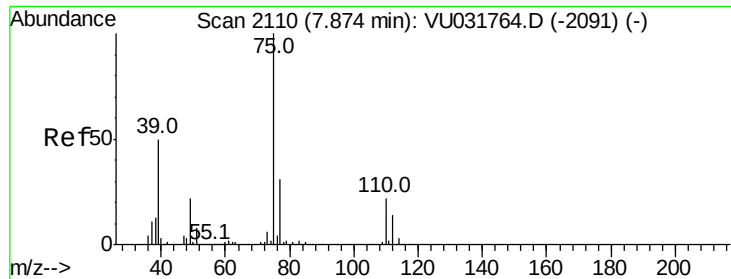
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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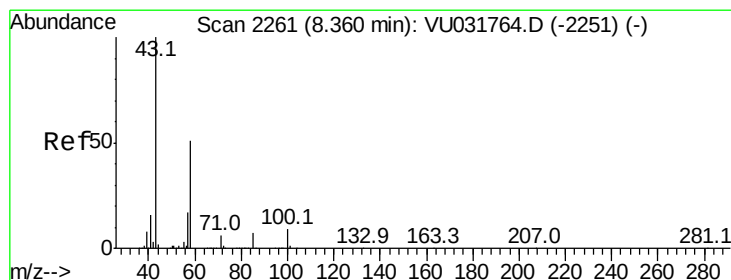
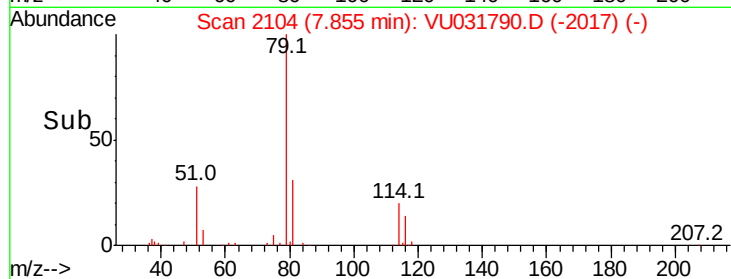
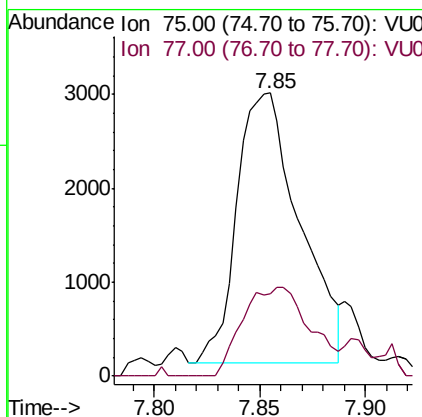
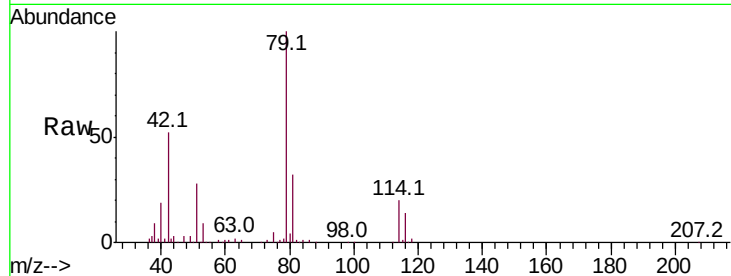




#44
trans-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 7.85 min Scan# 2104
Delta R.T. -0.02 min
Lab File: VU031790.D
Acq: 06 May 2019 19:26

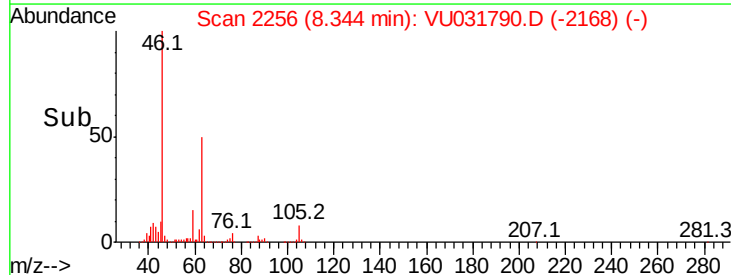
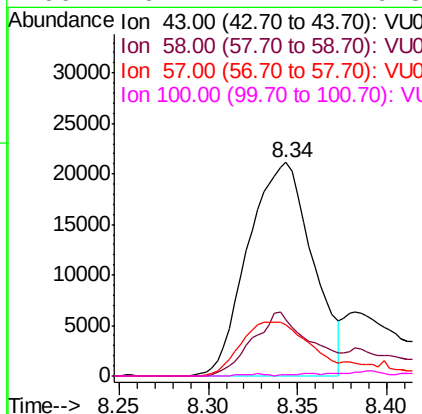
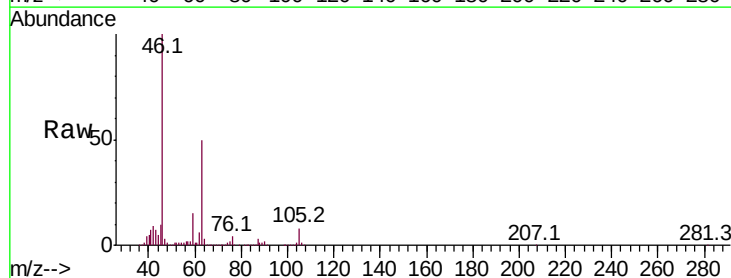
Instrument :
MSVOA_U
ClientSampleId :

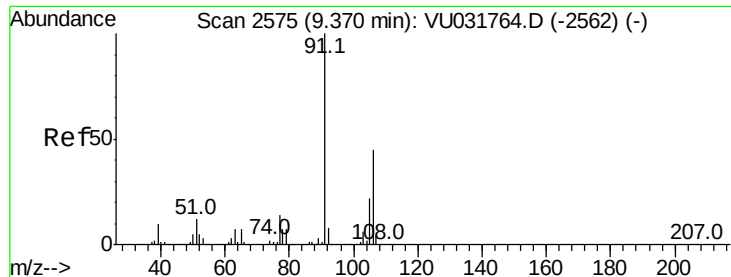
Tot Ion: 75 Resp: 5977
Ion Ratio Lower Upper
75 100
77 29.3 22.1 41.1



#48
2-Hexanone
Concen: 5.805 ug/L
RT: 8.34 min Scan# 2256
Delta R.T. -0.02 min
Lab File: VU031790.D
Acq: 06 May 2019 19:26

Tgt Ion: 43 Resp: 53091
Ion Ratio Lower Upper
43 100
58 27.9 42.1 63.1#
57 0.0 14.6 22.0#
100 0.2 7.2 10.8#





#53

m,p-Xylene

Concen: 12.310 ug/L

RT: 9.38 min Scan# 2578

Delta R.T. 0.01 min

Lab File: VU031790.D

Acq: 06 May 2019 19:26

Instrument :

MSVOA_U

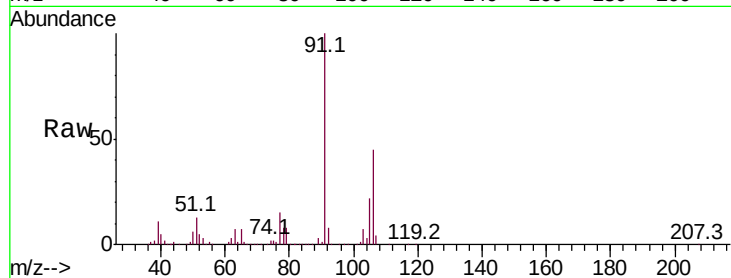
ClientSampleId :

Tot Ion:106 Resp: 114729

Ion Ratio Lower Upper

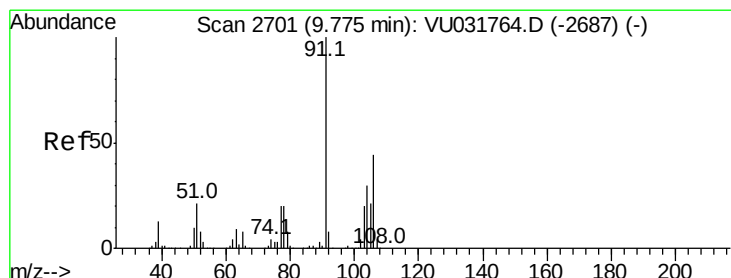
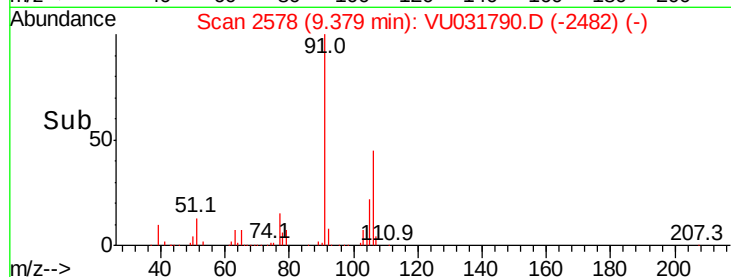
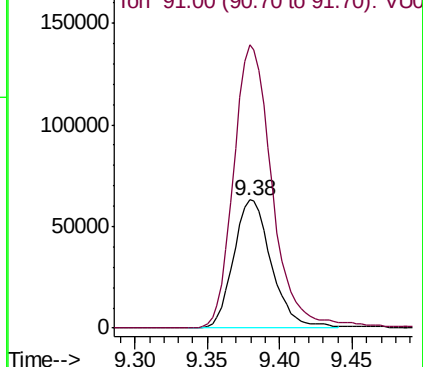
106 100

91 221.0 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 17.877 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031790.D

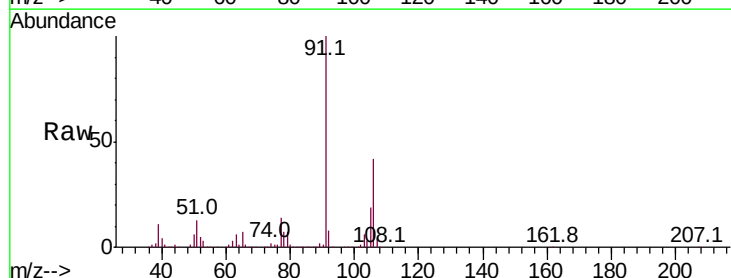
Acq: 06 May 2019 19:26

Tgt Ion:106 Resp: 165183

Ion Ratio Lower Upper

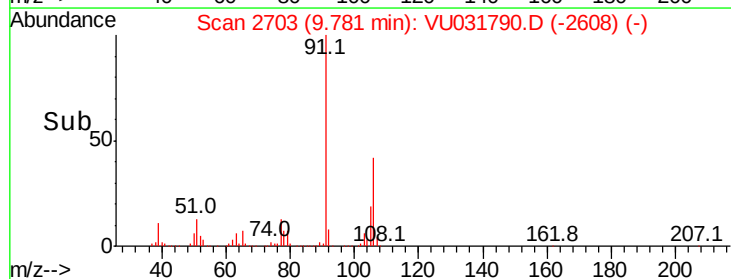
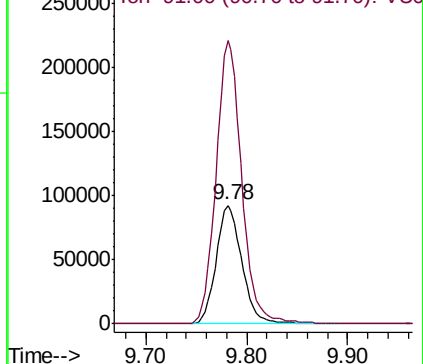
106 100

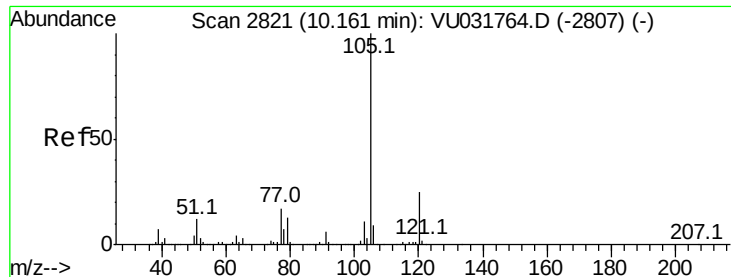
91 238.2 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 6.208 ug/L

RT: 10.17 min Scan# 2823

Delta R.T. 0.01 min

Lab File: VU031790.D

Acq: 06 May 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

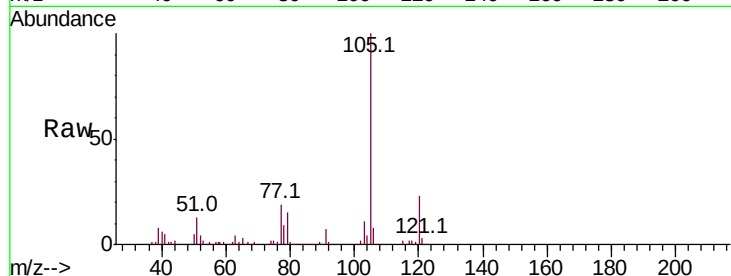
Tot Ion:105 Resp: 150836

Ion Ratio Lower Upper

105 100

120 23.0 20.1 30.1

77 18.5 13.8 20.6



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

