

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037294.D
 Acq On : 16 Mar 2020 15:41
 Operator : JC/MD
 Sample : VU0316WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:35:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	137850	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	137679	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34991	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.93	69	30762	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.59	63	52839	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.69	46	108133	49.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	5.11	84	79223	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	47005	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	143976	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.72	67	46783	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	129416	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.21	79	19708	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.67	63	86246	45.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38973	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	47329	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

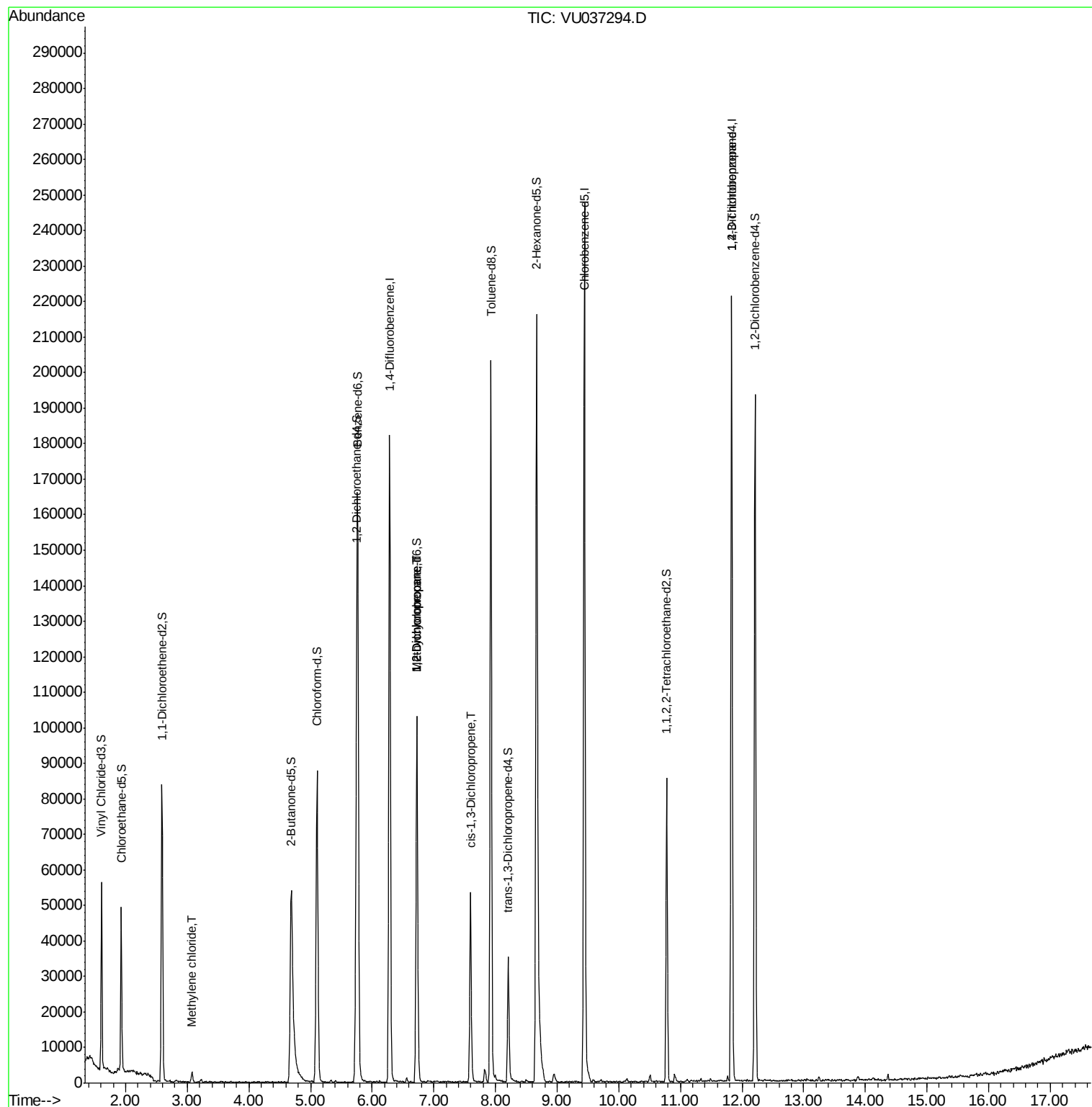
					Ovalue
16) Methylene chloride	3.08	84	1466	0.138 ug/L	84
35) Methylcyclohexane	6.73	83	10523	0.616 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5751	0.526 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1622	0.099 ug/L	94
59) 1,2,3-Trichloropropane	11.83	75	8007	1.031 ug/L #	88

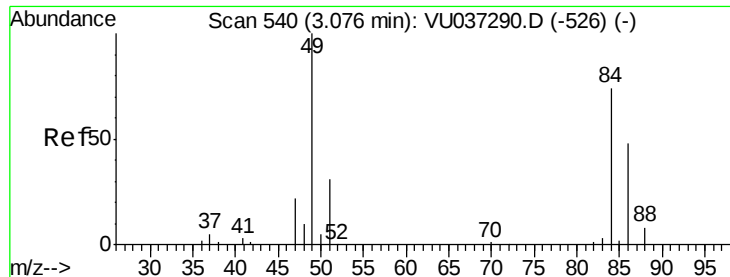
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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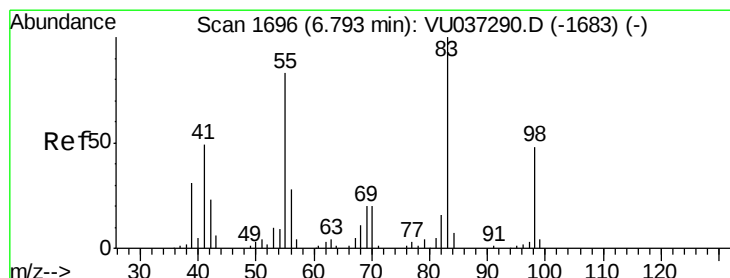
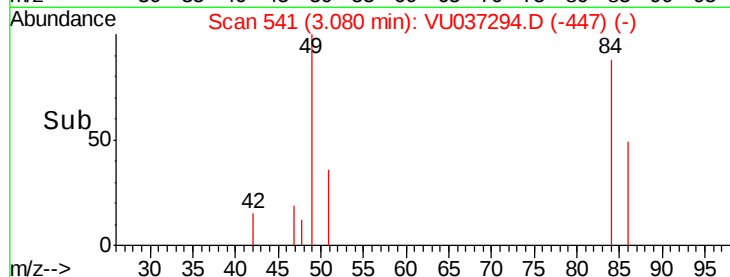
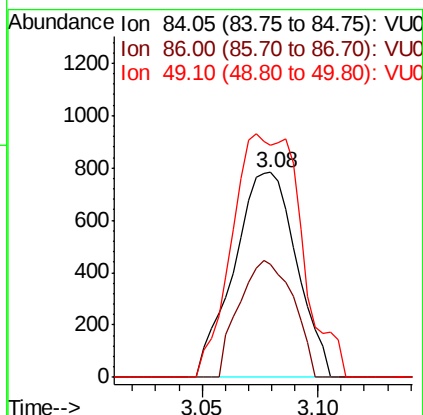
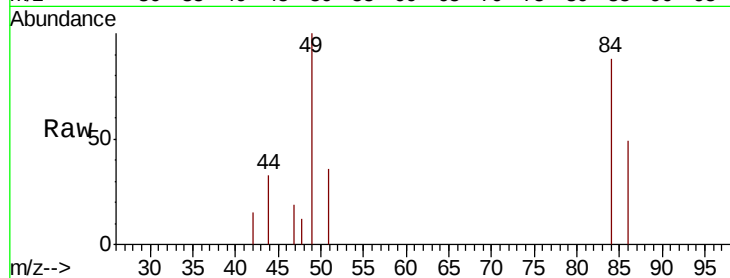




#16
Methylene chloride
Concen: 0.138 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037294.D
Acq: 16 Mar 2020 15:41

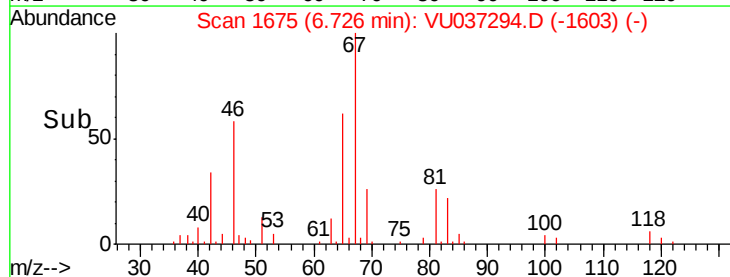
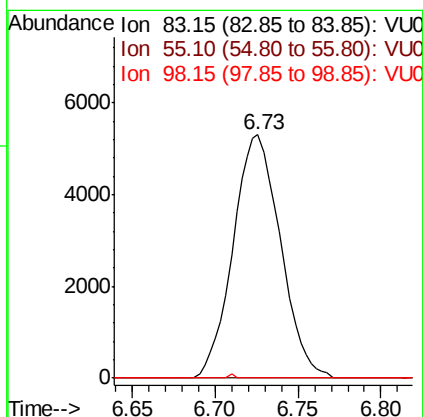
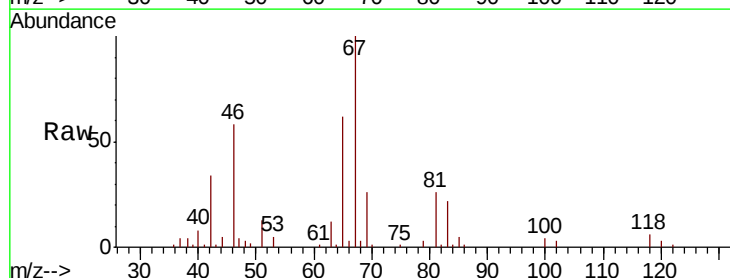
Instrument :
MSVOA_U
ClientSampled :

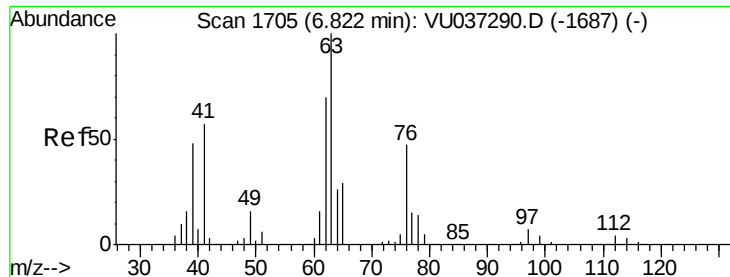
Tot Ion: 84 Resp: 1466
Ion Ratio Lower Upper
84 100
86 55.2 45.2 84.0
49 113.4 94.4 175.4



#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037294.D
Acq: 16 Mar 2020 15:41

Tgt Ion: 83 Resp: 10523
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.2 37.4 56.0#

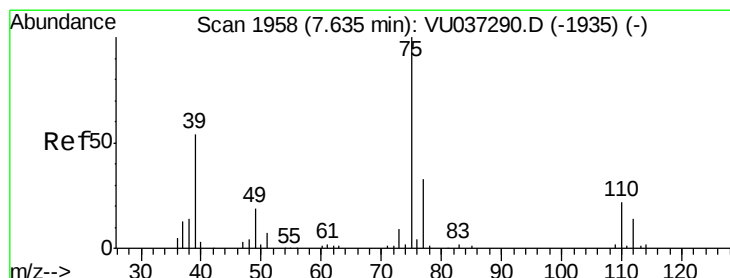
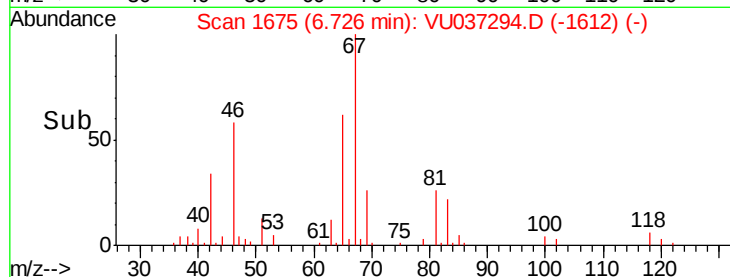
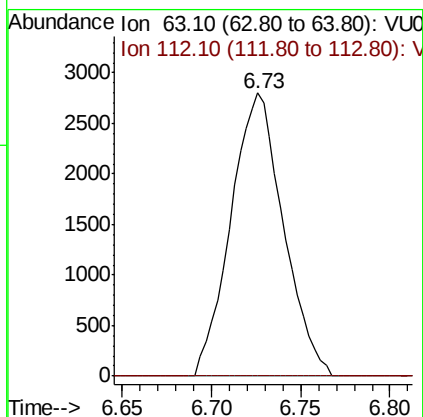
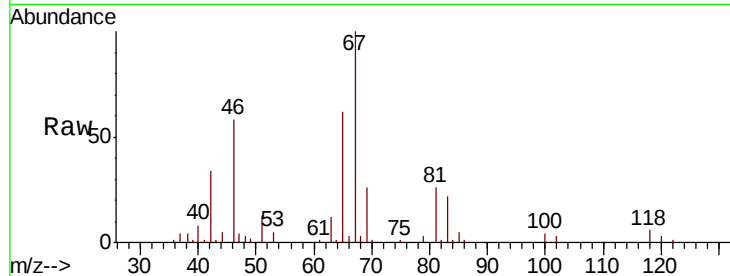




#37
 1,2-Dichloropropane
 Concen: 0.526 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037294.D
 Acq: 16 Mar 2020 15:41

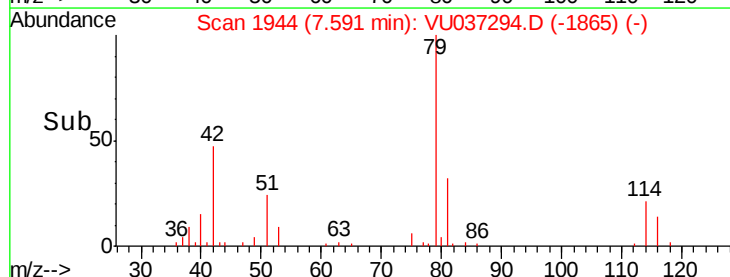
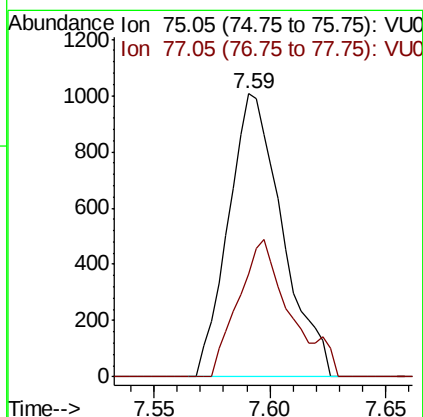
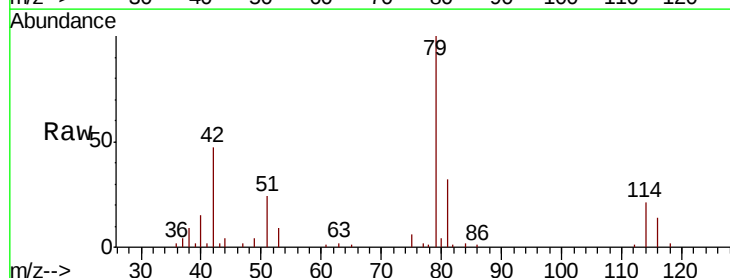
Instrument :
 MSVOA_U
 ClientSampleId :

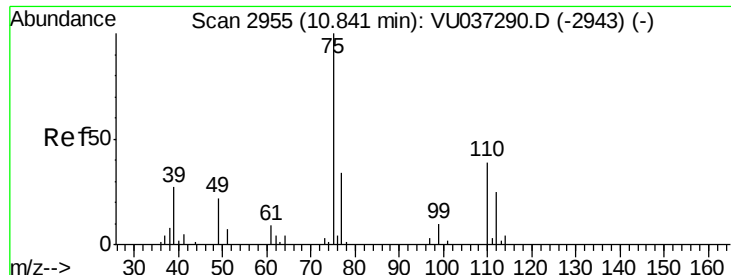
Tot Ion: 63 Resp: 5751
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037294.D
 Acq: 16 Mar 2020 15:41

Tgt Ion: 75 Resp: 1622
 Ion Ratio Lower Upper
 75 100
 77 36.5 23.0 42.8





#59

1,2,3-Trichloropropane

Concen: 1.031 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU037294.D

Acq: 16 Mar 2020 15:41

Instrument :

MSVOA_U

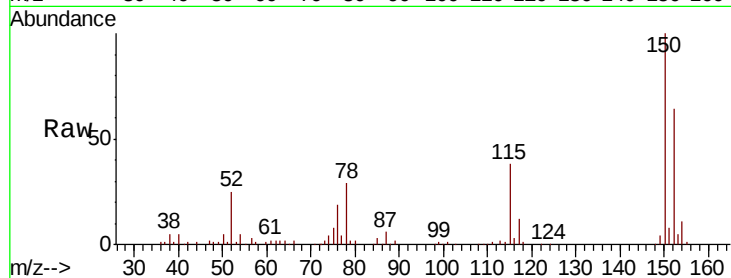
ClientSampleId :

Tot Ion: 75 Resp: 8007

Ion Ratio Lower Upper

75 100

77 40.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

