

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026465.D
 Acq On : 30 Aug 2018 22:45
 Operator : MD/SY
 Sample : J4691-03DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:44:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	148505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	141641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41959	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	37940	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.32%
11) 1,1-Dichloroethene-d2	2.27	63	56644	27.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.68%#
21) 2-Butanone-d5	4.18	46	66147	92.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.63%
24) Chloroform-d	4.65	84	77371	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.31	65	53128	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
32) Benzene-d6	5.35	84	152965	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.33	67	53447	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.32%
41) Toluene-d8	7.57	98	139529	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%
43) trans-1,3-Dichloropropene-	7.85	79	22617	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.31	63	49592	96.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73739	44.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	55649	50.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.64%

Target Compounds

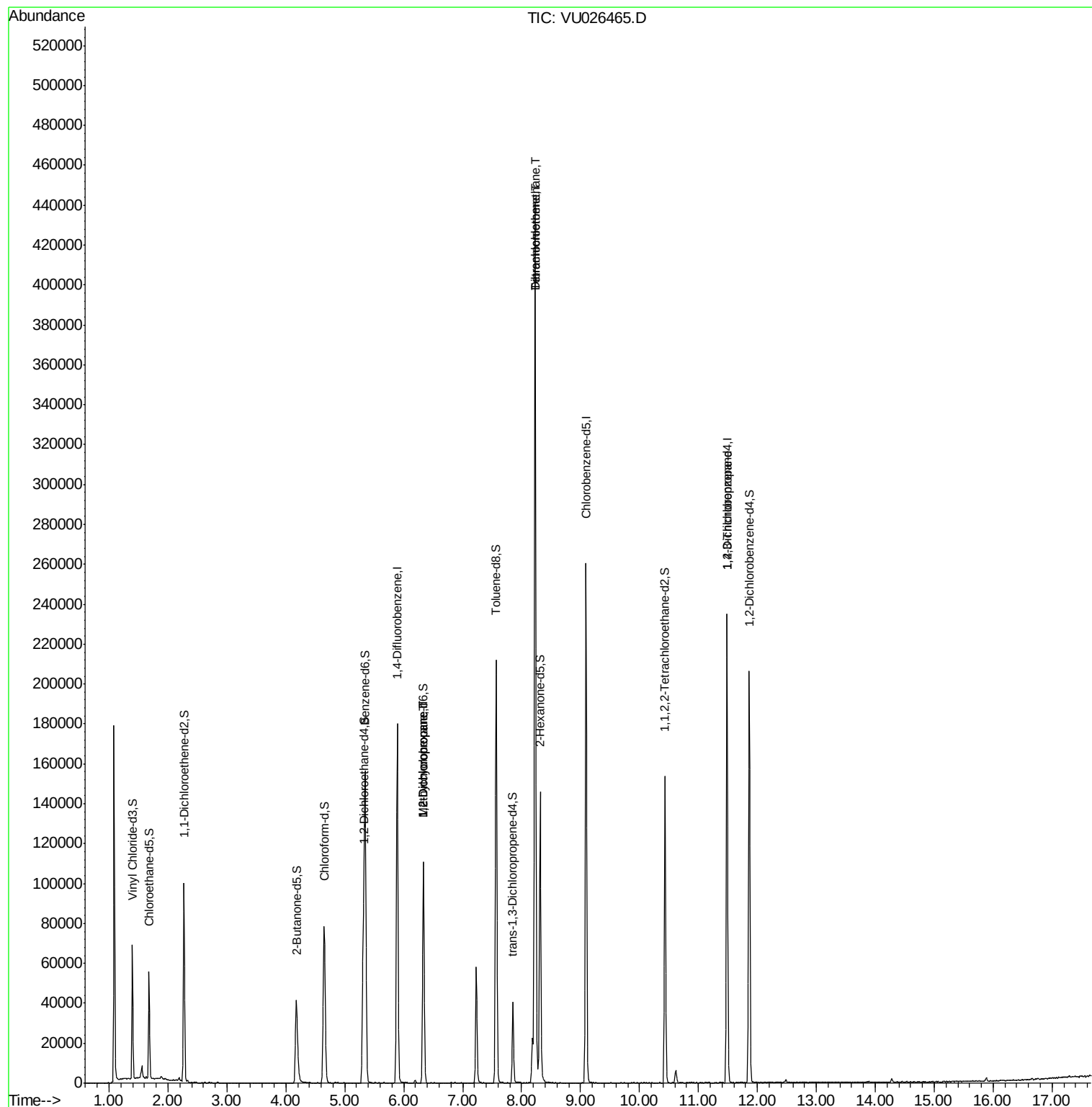
					Ovalue
35) Methylcyclohexane	6.33	83	11896	7.480	ug/L # 18
37) 1,2-Dichloropropane	6.34	63	5412	4.814	ug/L # 88
46) Tetrachloroethene	8.23	164	97157	116.672	ug/L 95
49) Dibromochloromethane	8.23	129	89118	76.801	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7140	5.090	ug/L # 84

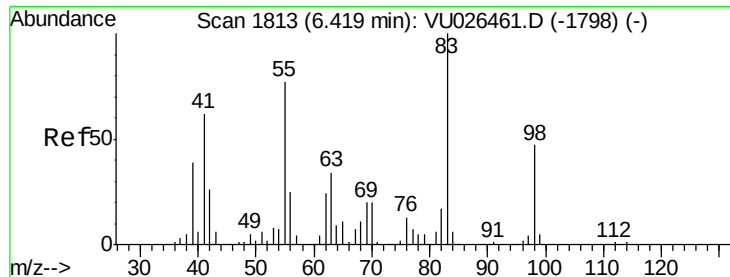
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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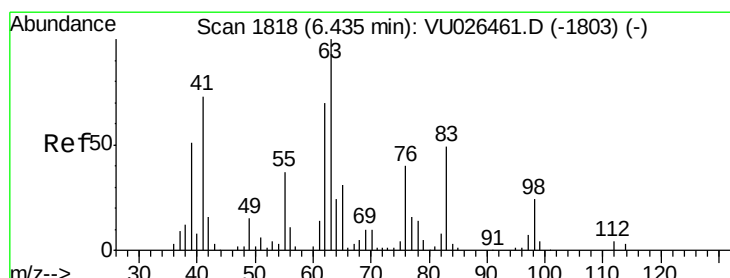
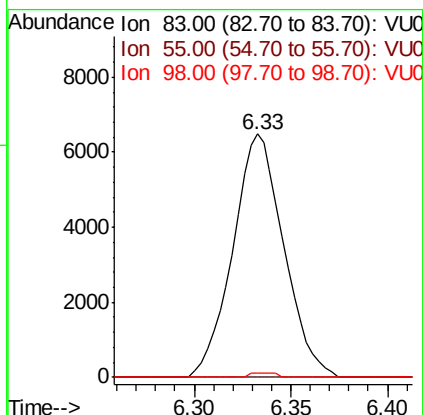
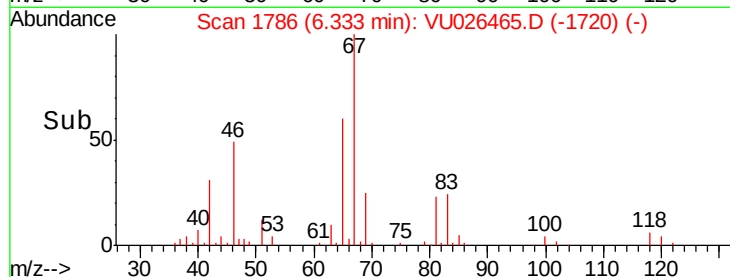
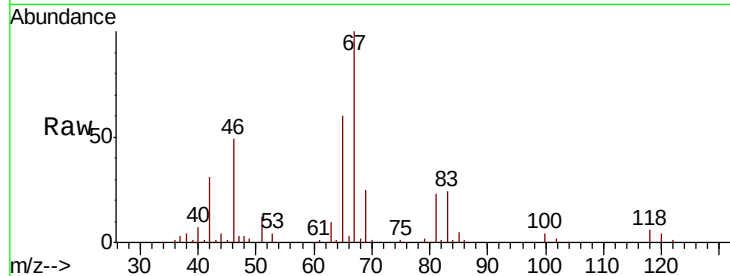




#35
Methylvlcyclohexane
Concen: 7.480 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026465.D
Acq: 30 Aug 2018 22:45

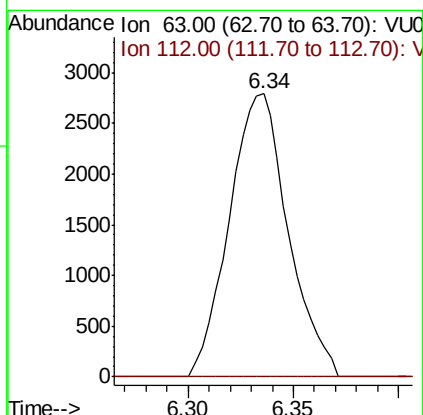
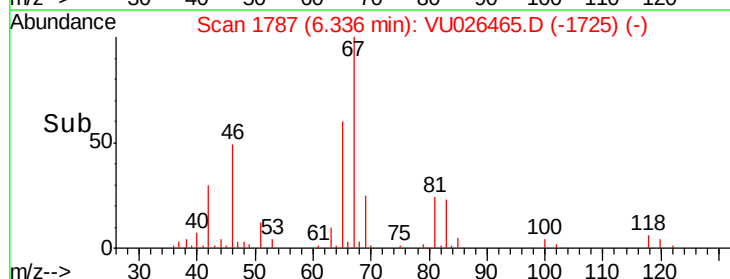
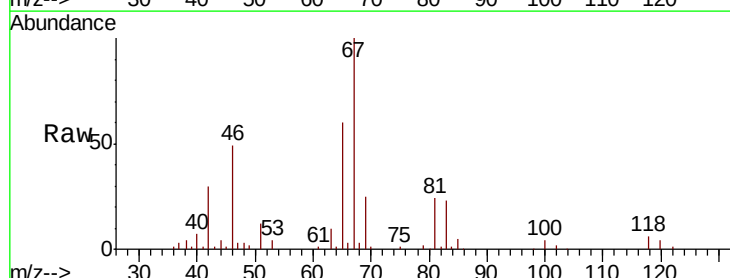
Instrument :
MSVOA_U
ClientSampleId :

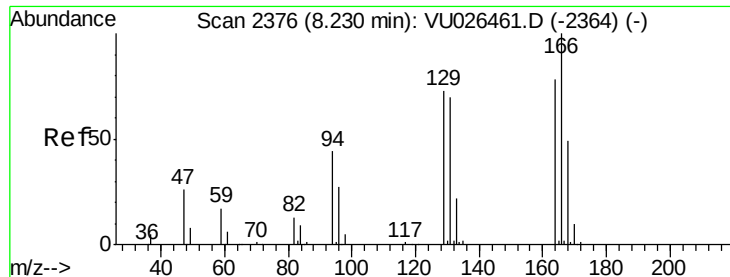
Tot Ion: 83 Resp: 11896
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.9 36.7 55.1#



#37
1,2-Dichloropropane
Concen: 4.814 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026465.D
Acq: 30 Aug 2018 22:45

Tgt Ion: 63 Resp: 5412
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

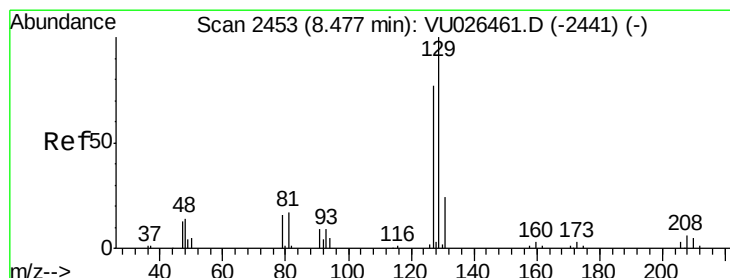
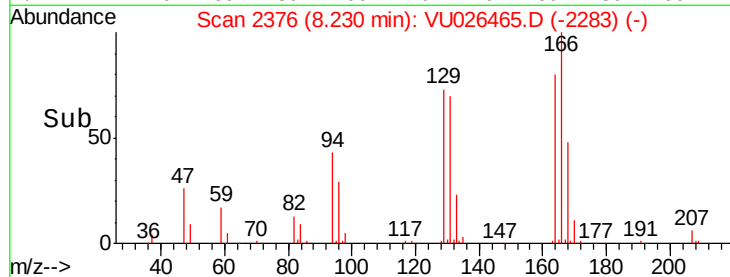
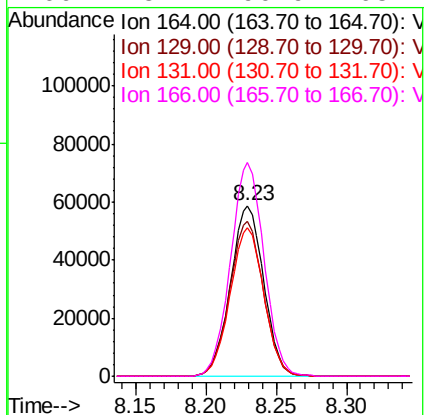
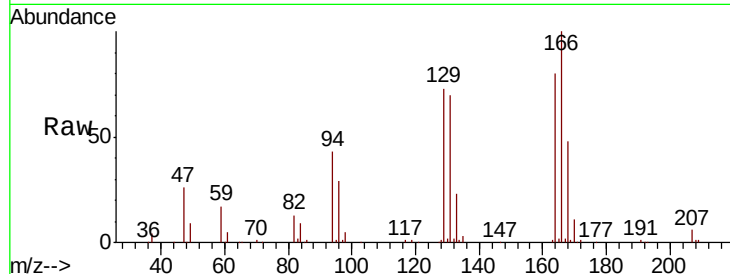




#46
Tetrachloroethene
Concen: 116.672 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026465.D
Acq: 30 Aug 2018 22:45

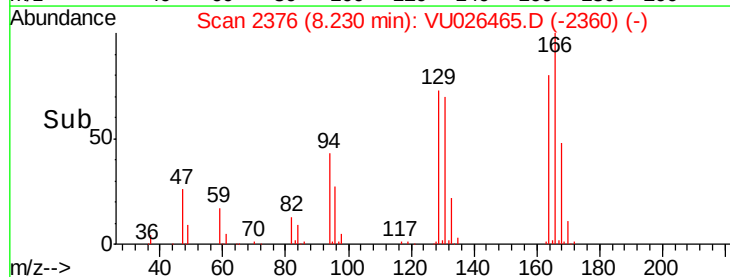
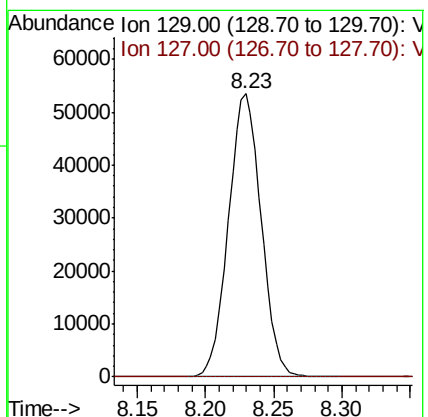
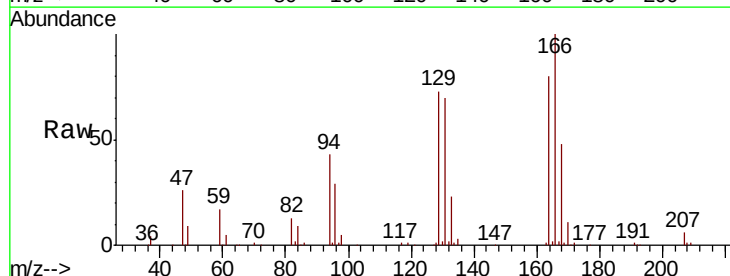
Instrument :
MSVOA_U
ClientSampleId :

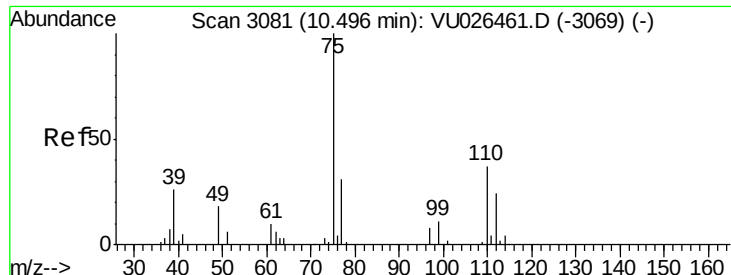
Tot Ion	Ratio	Lower	Upper
164	100		
129	90.9	67.3	125.1
131	87.2	65.3	121.3
166	125.1	90.9	168.7



#49
Dibromochloromethane
Concen: 76.801 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026465.D
Acq: 30 Aug 2018 22:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.2	55.0	102.2#





#59

1,2,3-Trichloropropane

Concen: 5.090 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026465.D

Acq: 30 Aug 2018 22:45

Instrument :

MSVOA_U

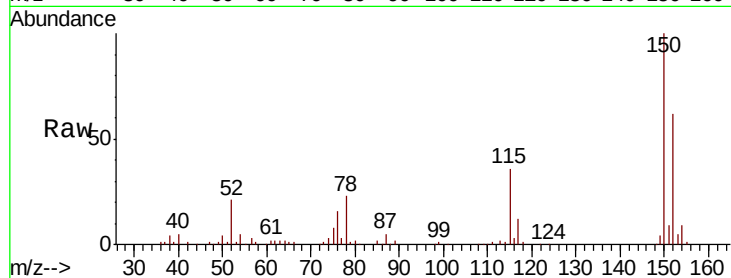
ClientSampleId :

Tot Ion: 75 Resp: 7140

Ion Ratio Lower Upper

75 100

77 40.1 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

