

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037020.D
 Acq On : 03 Mar 2020 13:51
 Operator : JC/MD
 Sample : L1732-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 04 06:55:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260205	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103373	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.62%
7) Chloroethane-d5	1.91	69	94296	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.30%
11) 1,1-Dichloroethene-d2	2.58	63	132031	36.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.16%
21) 2-Butanone-d5	4.67	46	149182	101.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	5.10	84	170790	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	5.74	65	120436	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
32) Benzene-d6	5.76	84	375474	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
36) 1,2-Dichloropropane-d6	6.72	67	123796	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.54%
41) Toluene-d8	7.92	98	332702	50.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.20	79	50582	46.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.68%
47) 2-Hexanone-d5	8.66	63	107247	94.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.39%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	172696	52.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	94714	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

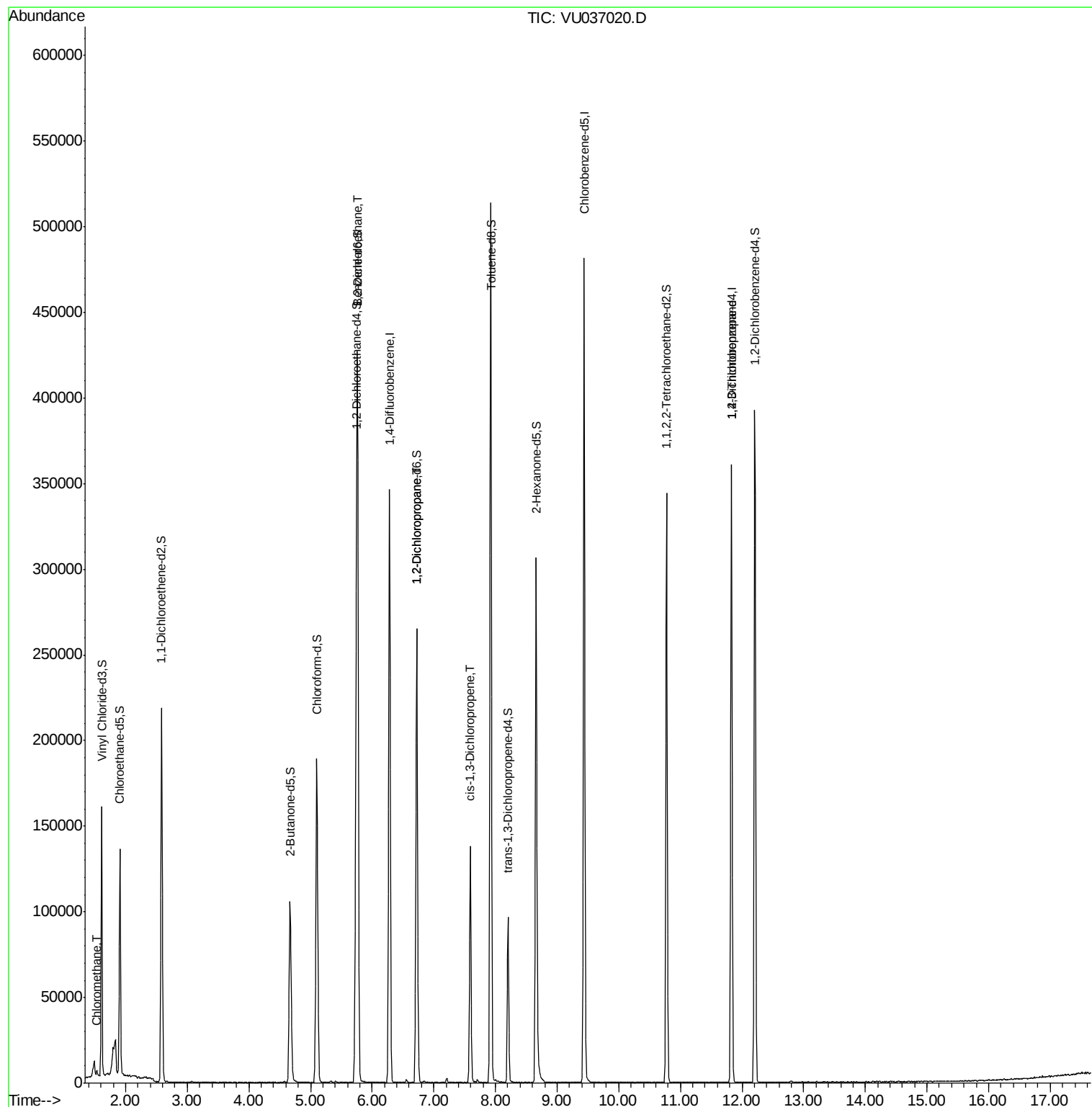
					Ovalue
3) Chloromethane	1.53	50	2908	1.145 ug/L	99
27) 1,2-Dichloroethane	5.76	62	2331	0.846 ug/L #	75
37) 1,2-Dichloropropane	6.73	63	13591	6.442 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3401	1.046 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	13341	4.915 ug/L	97

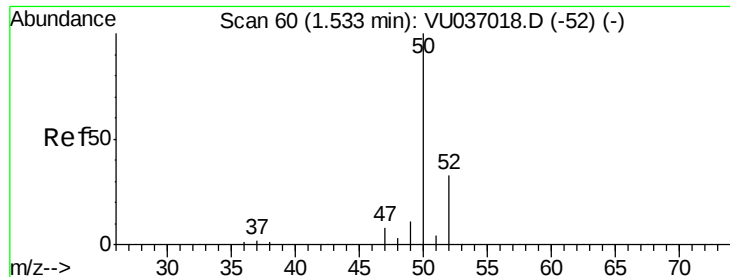
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.145 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU037020.D

Acq: 03 Mar 2020 13:51

Instrument :

MSVOA_U

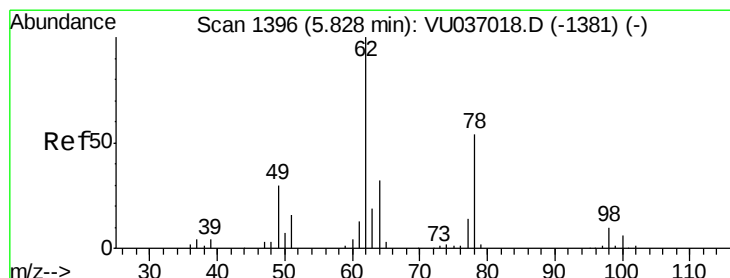
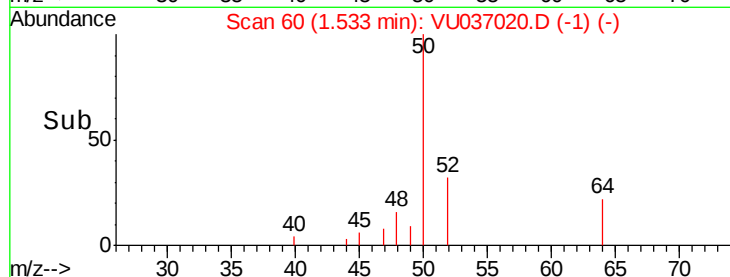
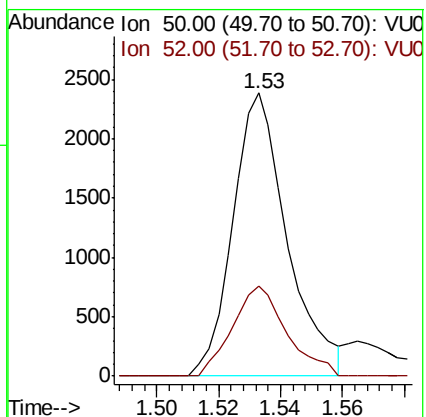
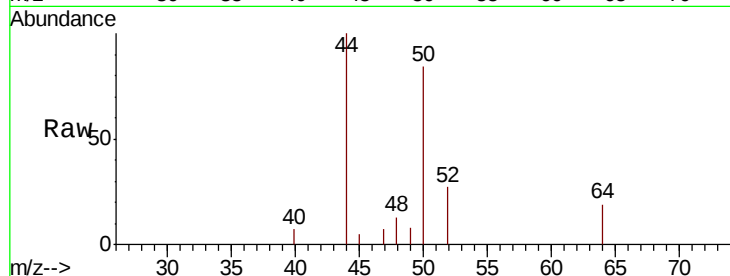
ClientSampleId :

Tot Ion: 50 Resp: 2908

Ion Ratio Lower Upper

50 100

52 32.0 23.0 42.6



#27

1,2-Dichloroethane

Concen: 0.846 ug/L

RT: 5.76 min Scan# 1375

Delta R.T. -0.07 min

Lab File: VU037020.D

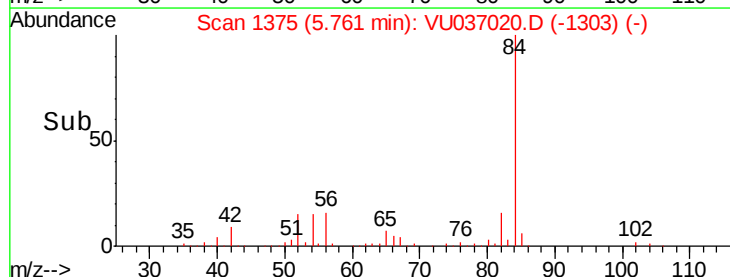
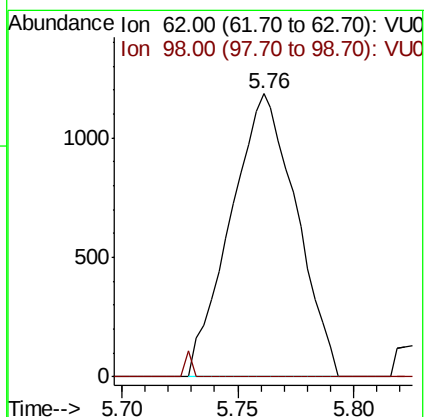
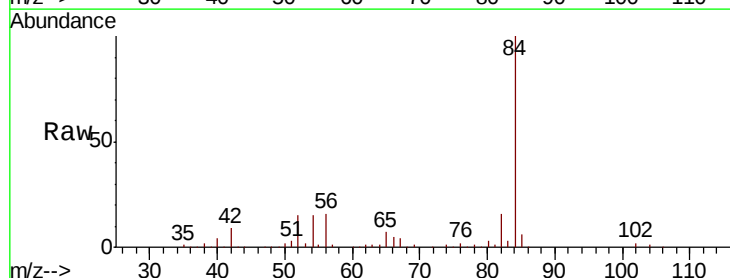
Acq: 03 Mar 2020 13:51

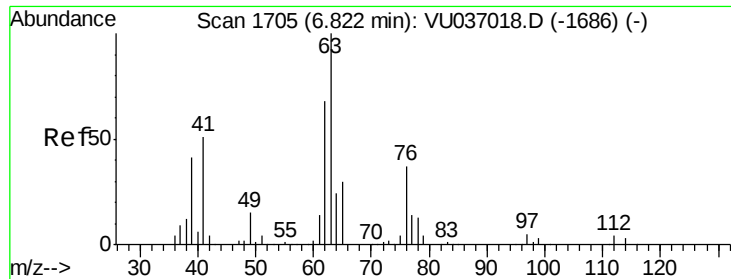
Tgt Ion: 62 Resp: 2331

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#

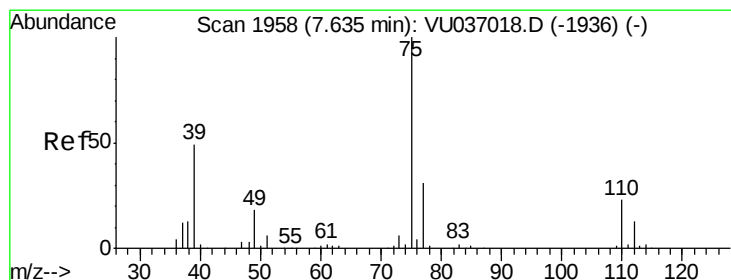
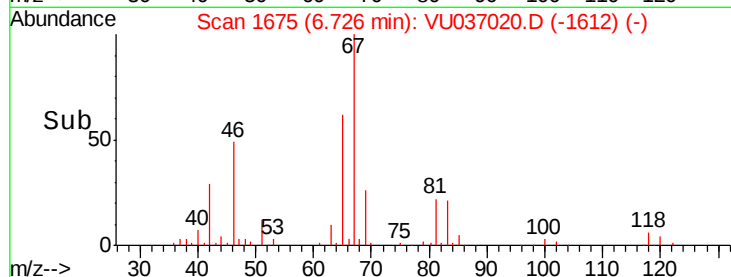
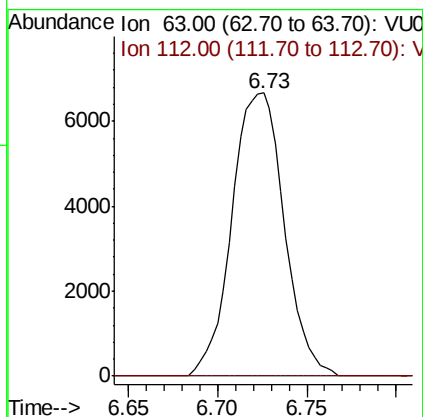
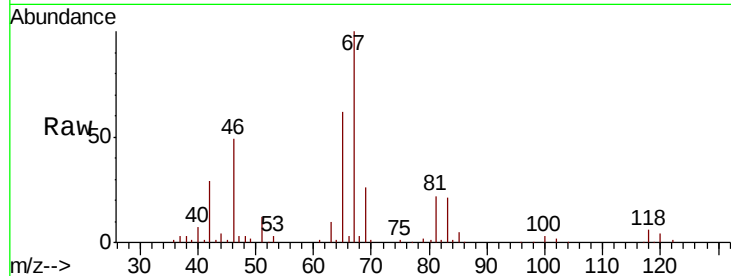




#37
 1,2-Dichloropropane
 Concen: 6.442 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037020.D
 Acq: 03 Mar 2020 13:51

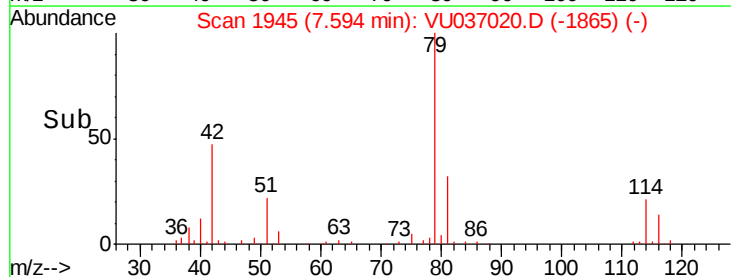
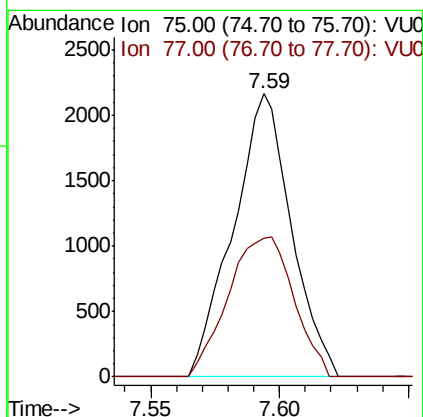
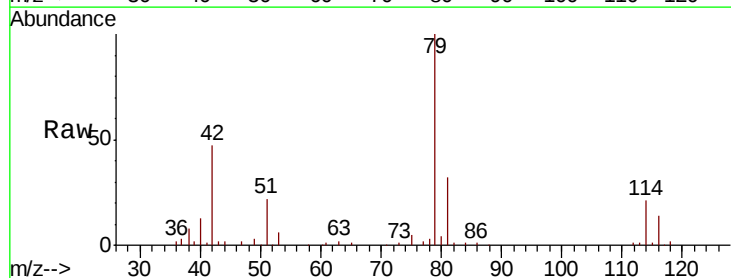
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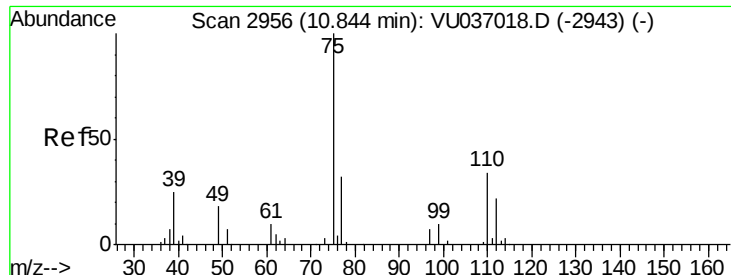
Tot Ion: 63 Resp: 13591
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.046 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037020.D
 Acq: 03 Mar 2020 13:51

Tgt Ion: 75 Resp: 3401
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 4.915 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037020.D

Acq: 03 Mar 2020 13:51

Instrument :

MSVOA_U

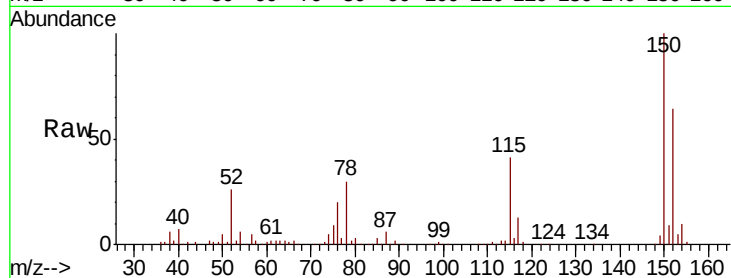
ClientSampleId :

Tot Ion: 75 Resp: 13341

Ion Ratio Lower Upper

75 100

77 34.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

