

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031285.D
 Acq On : 18 Apr 2019 03:10
 Operator : JC/SP
 Sample : K2452-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZ3

Quant Time: Apr 18 09:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 08:39:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236923	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230714	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94493	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115712	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.68	69	94345	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.27	63	168505	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.22	46	256419	56.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.36%
24) Chloroform-d	4.64	84	150213	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.31	65	83558	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.33	84	306462	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	100830	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.56	98	265241	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.85	79	36453	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.32	63	204405	52.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80411	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	95639	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

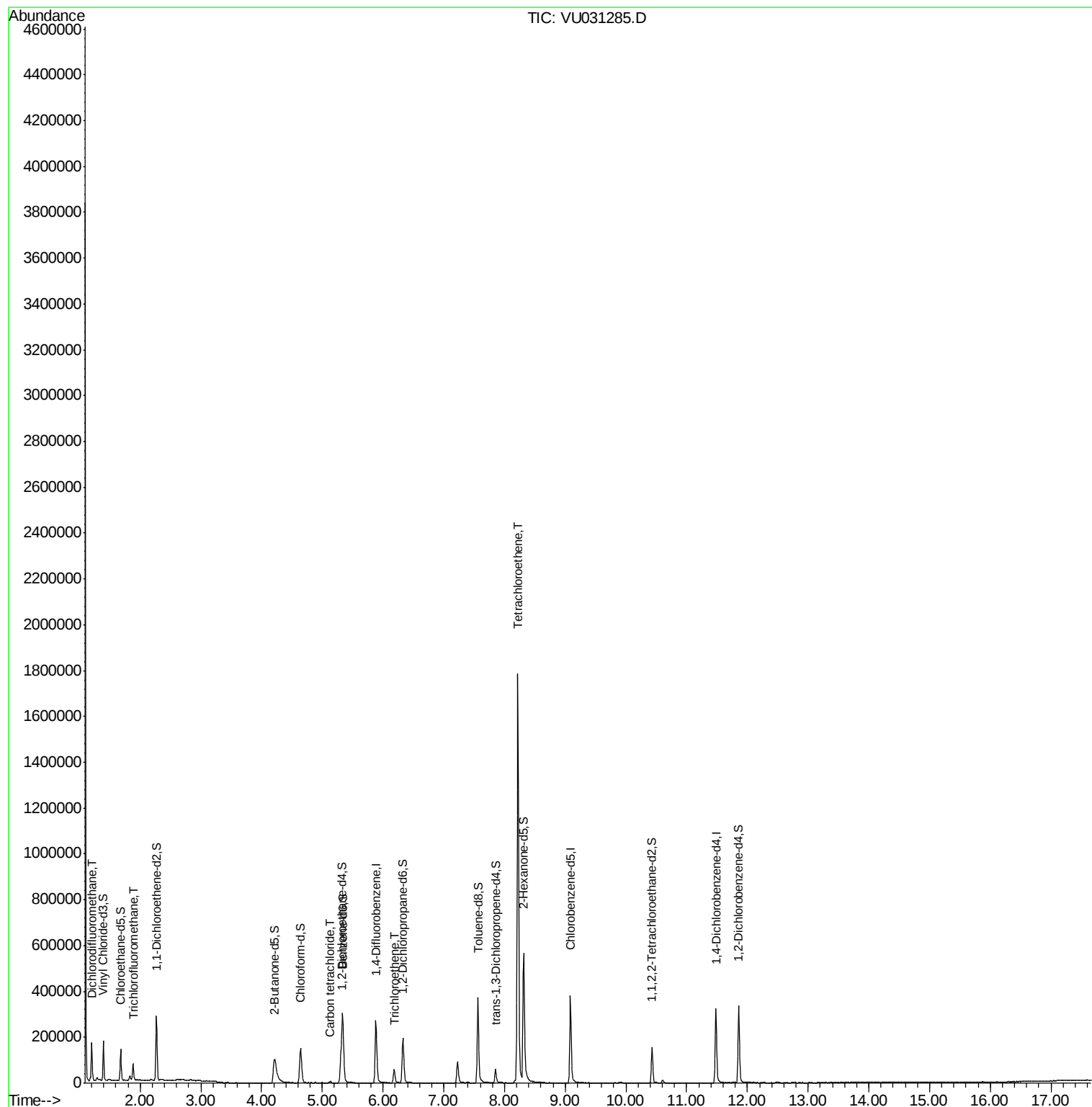
					Ovalue
2) Dichlorodifluoromethane	1.20	85	94859	4.823 ug/L	98
9) Trichlorofluoromethane	1.88	101	41091	1.282 ug/L	97
31) Carbon tetrachloride	5.13	117	4742	0.212 ug/L	97
34) Trichloroethene	6.18	95	21305	1.126 ug/L	98
47) Tetrachloroethene	8.22	164	420392	29.417 ug/L	98

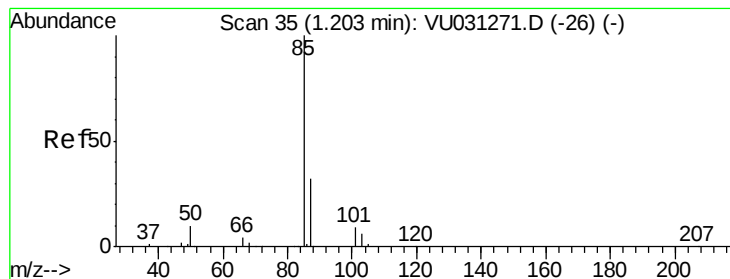
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.823 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031285.D

Acq: 18 Apr 2019 03:10

Instrument :

MSVOA_U

ClientSampleId :

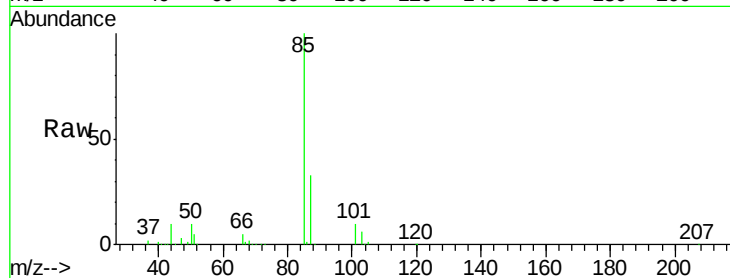
YAMZ3

Tot Ion: 85 Resp: 94859

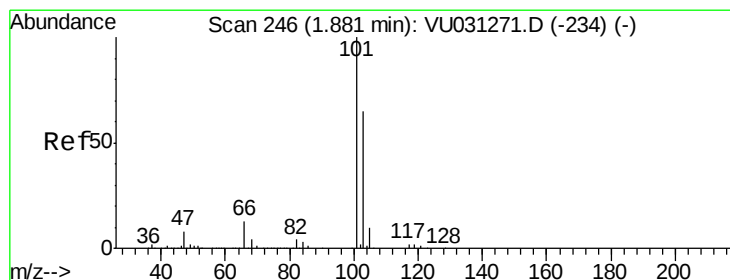
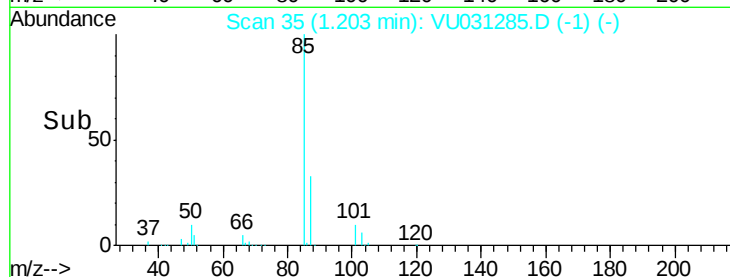
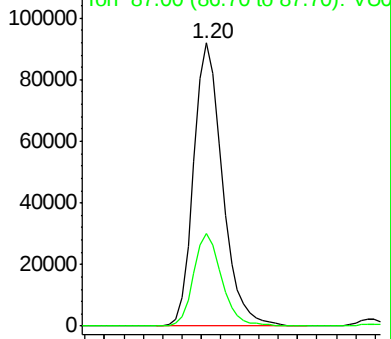
Ion Ratio Lower Upper

85 100

87 31.9 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VU031271.D (-26) (-)



#9

Trichlorofluoromethane

Concen: 1.282 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031285.D

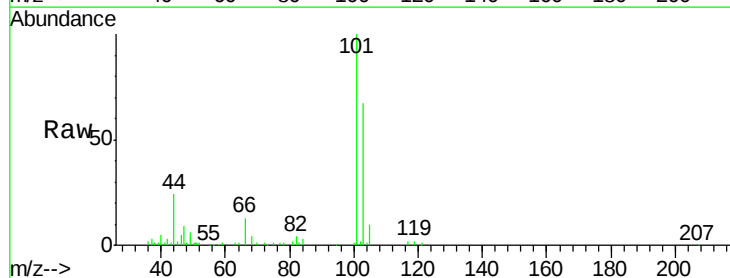
Acq: 18 Apr 2019 03:10

Tgt Ion: 101 Resp: 41091

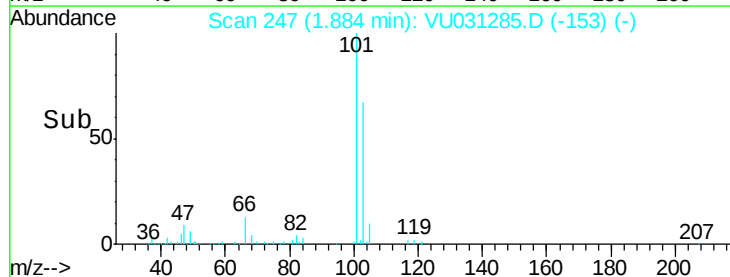
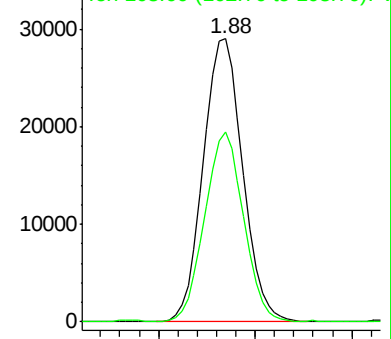
Ion Ratio Lower Upper

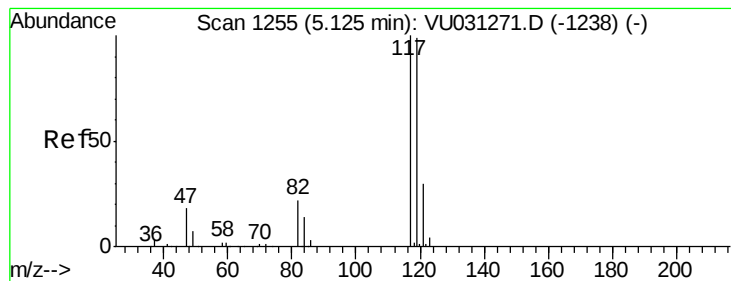
101 100

103 65.9 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): VU031271.D (-234) (-)





#31

Carbon tetrachloride

Concen: 0.212 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031285.D

Acq: 18 Apr 2019 03:10

Instrument :

MSVOA_U

ClientSampleId :

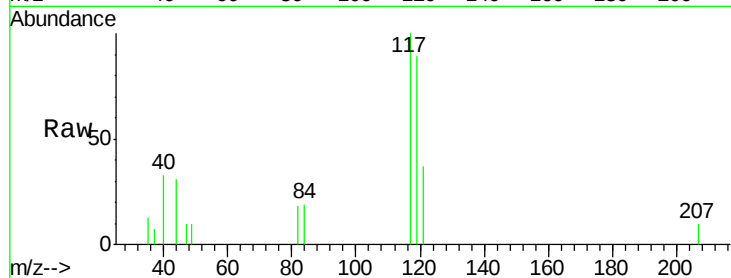
YAMZ3

Tot Ion:117 Resp: 4742

Ion Ratio Lower Upper

117 100

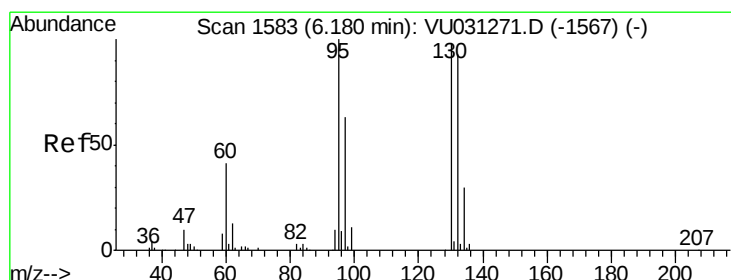
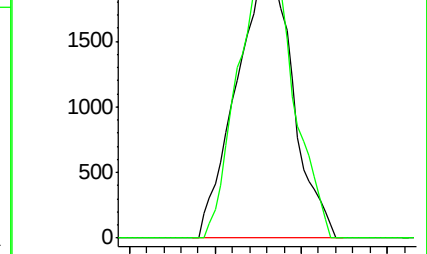
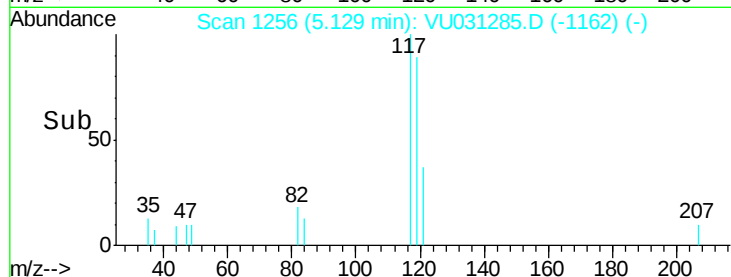
119 98.0 76.4 114.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.13



#34

Trichloroethene

Concen: 1.126 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031285.D

Acq: 18 Apr 2019 03:10

Tgt Ion: 95 Resp: 21305

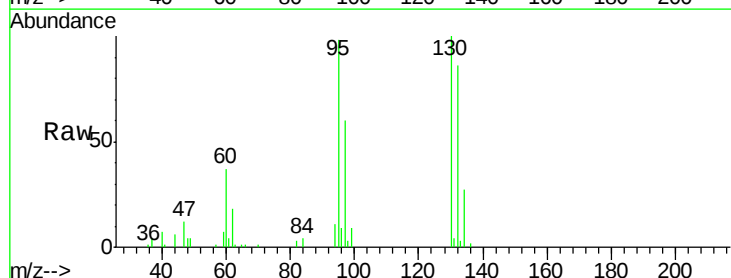
Ion Ratio Lower Upper

95 100

97 61.5 42.7 79.3

132 87.2 62.7 116.5

130 101.7 69.7 129.4

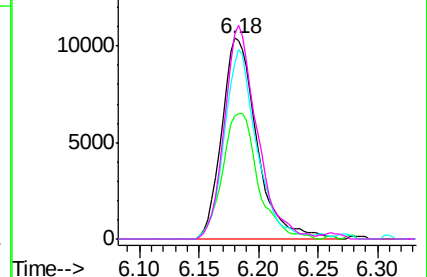
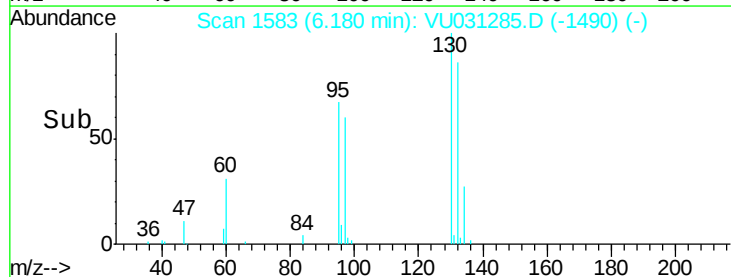


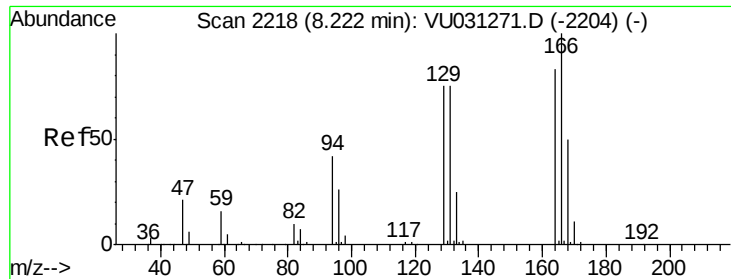
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 29.417 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031285.D

Acq: 18 Apr 2019 03:10

Instrument :
MSVOA_U
ClientSampleId :
YAMZ3

Tot Ion:164 Resp: 420392

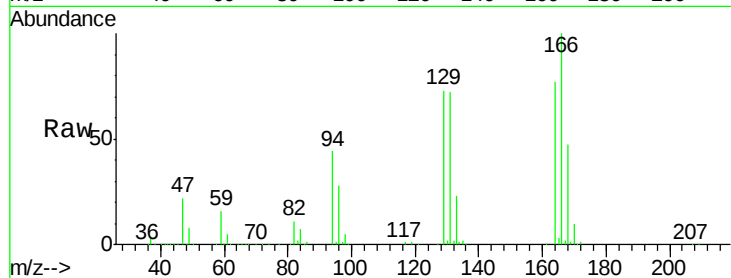
Ion Ratio Lower Upper

164 100

129 94.5 65.2 121.2

131 92.6 61.9 114.9

166 129.2 91.2 169.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

