

Data File : VW014793.D
Acq On : 29 Jan 2020 14:31
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK30

Quant Time: Jan 30 07:08:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	952056	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	851743	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	365623	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	344148	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
7) Chloroethane-d5	2.89	69	290292	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
10) 1,1-Dichloroethene-d2	4.01	63	460827	16.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.56%
20) 2-Butanone-d5	7.07	46	209240	48.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.74%
24) Chloroform-d	7.64	84	589179	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.30	65	329556	23.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.16%
29) Benzene-d6	8.27	84	1237869	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	9.27	67	390685	23.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.80%
37) Toluene-d8	10.32	98	1089752	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	10.57	79	147297	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.72%
39) 2-Hexanone-d5	10.92	63	151605	48.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	302409	23.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	348184	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

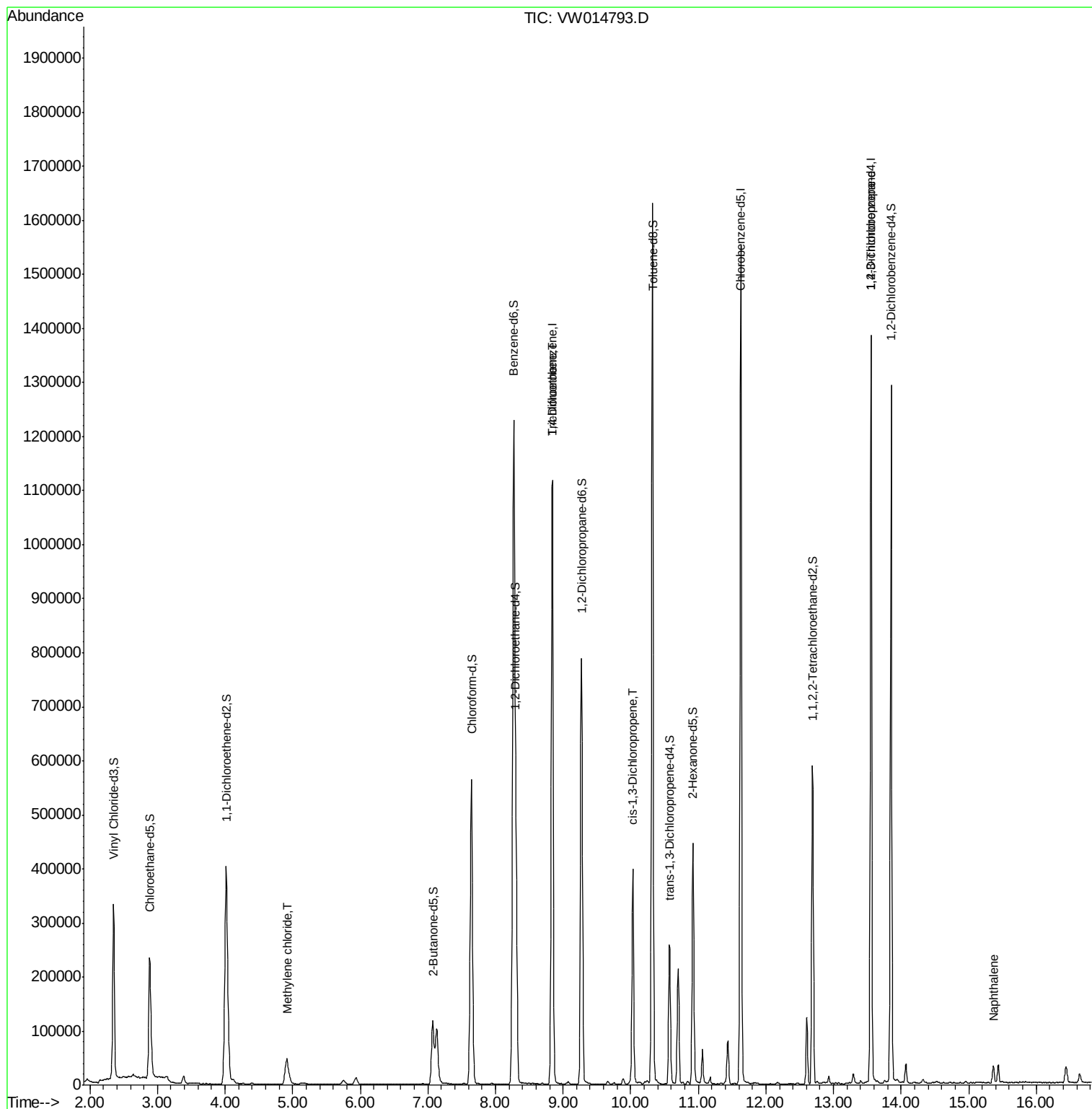
						Qvalue
16) Methylene chloride	4.92	84	36854	2.291	ug/L	96
35) Trichloroethene	8.84	95	27788	2.005	ug/L #	5
42) cis-1,3-Dichloropropene	10.03	75	8890	0.440	ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	45592	4.990	ug/L	95
69) Naphthalene	15.36	128	27880	1.188	ug/L	98

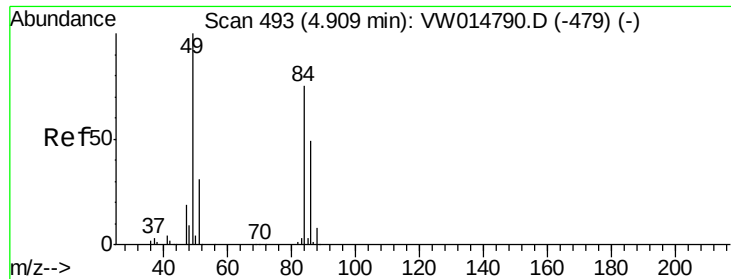
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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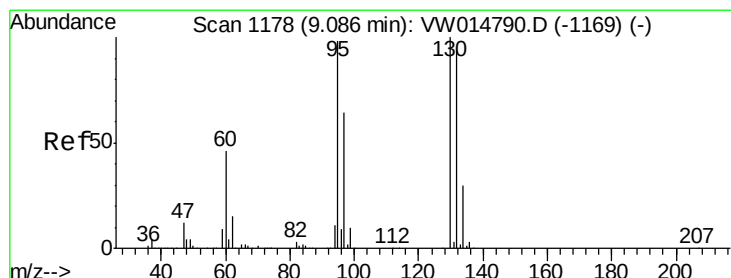
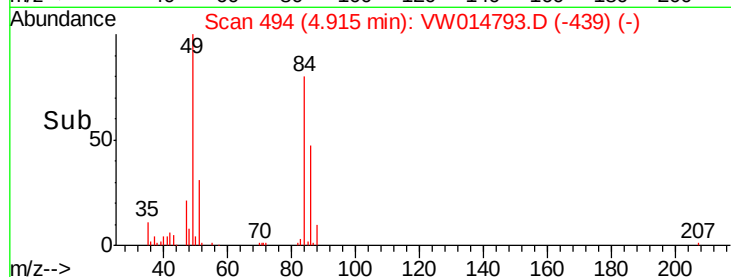
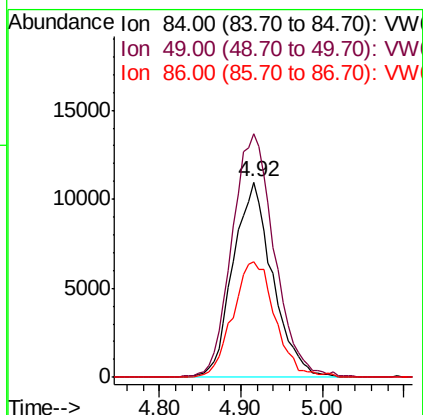
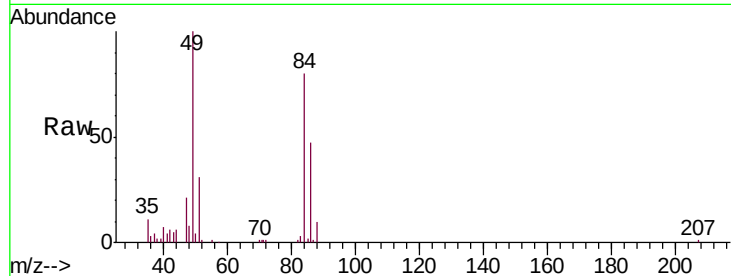




#16
Methylene chloride
Concen: 2.291 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014793.D
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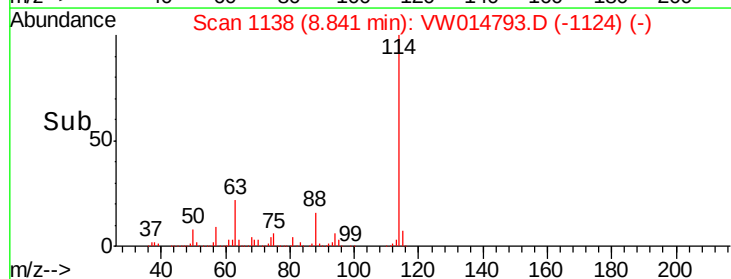
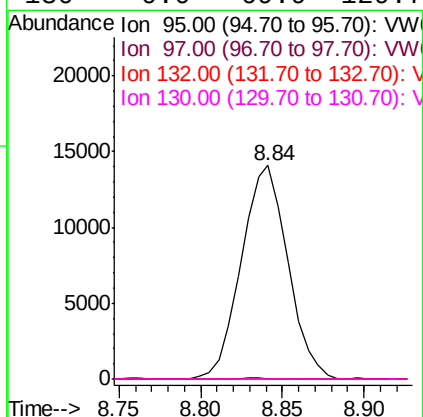
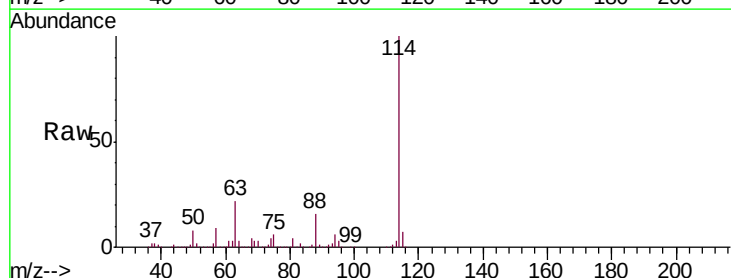
Instrument :
MSVOA_W
ClientSampleId :
VIBLK30

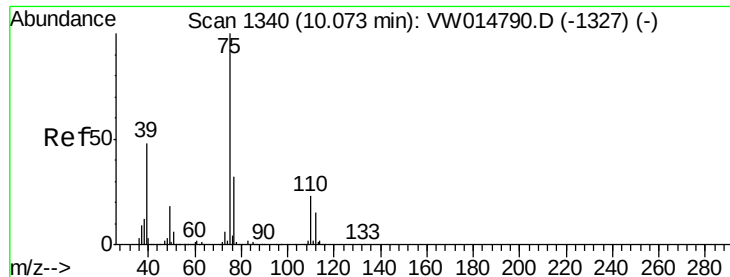
Tgt Ion: 84 Resp: 36854
Ion Ratio Lower Upper
84 100
49 124.8 90.9 168.7
86 59.1 43.5 80.7



#35
Trichloroethene
Concen: 2.005 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW014793.D
Acq: 29 Jan 2020 14:31

Tgt Ion: 95 Resp: 27788
Ion Ratio Lower Upper
95 100
97 0.2 44.3 82.3#
132 0.0 67.1 124.7#
130 0.0 69.9 129.7#





#42

cis-1,3-Dichloropropene

Concen: 0.440 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Acq: 29 Jan 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

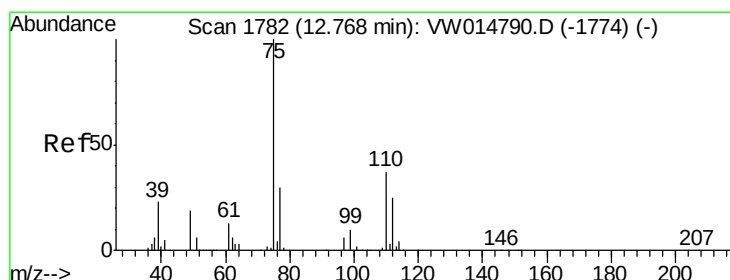
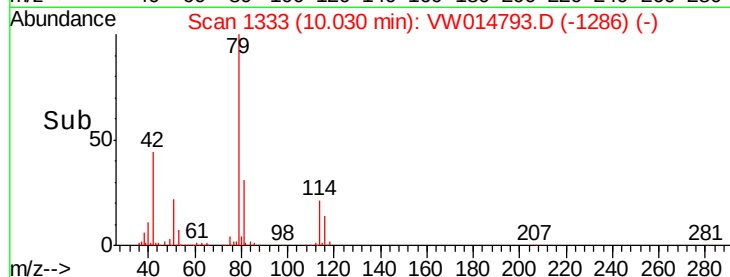
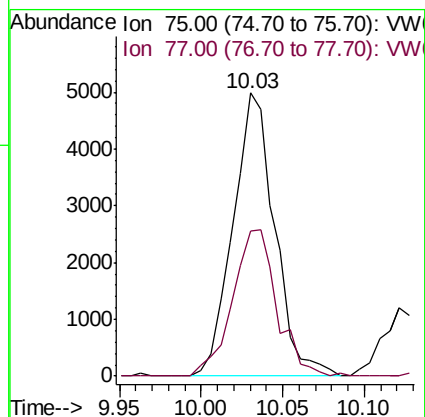
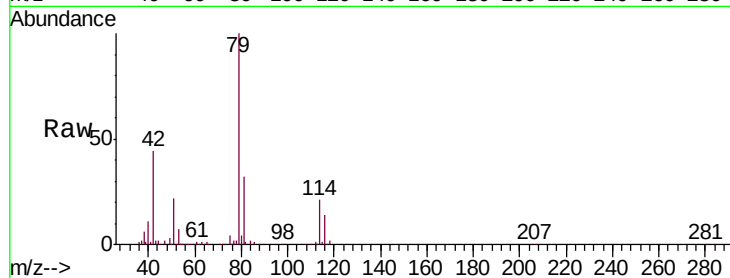
VIBLK30

Tgt Ion: 75 Resp: 8890

Ion Ratio Lower Upper

75 100

77 51.4 22.3 41.3#



#59

1,2,3-Trichloropropane

Concen: 4.990 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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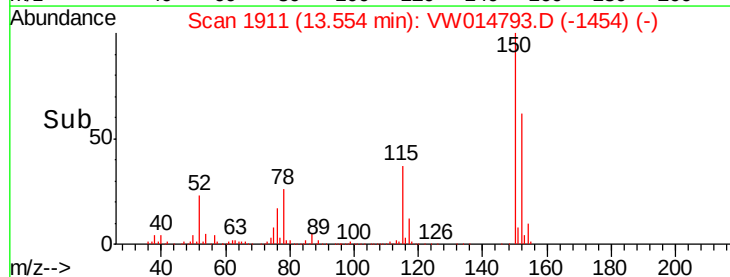
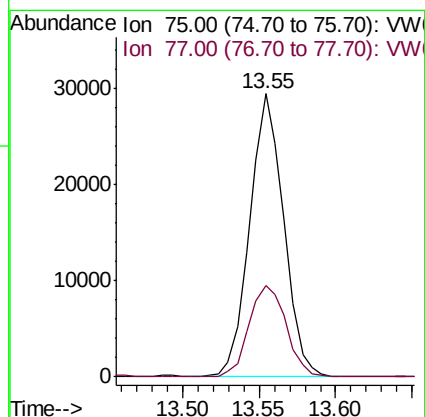
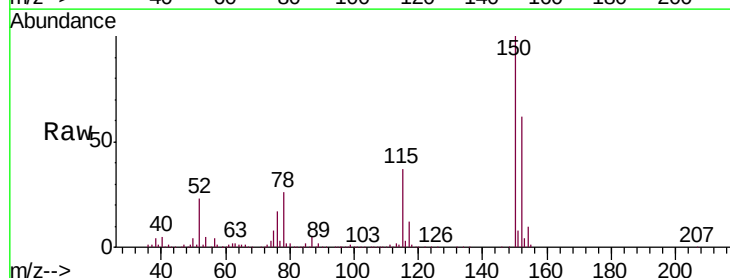
Acq: 29 Jan 2020 14:31

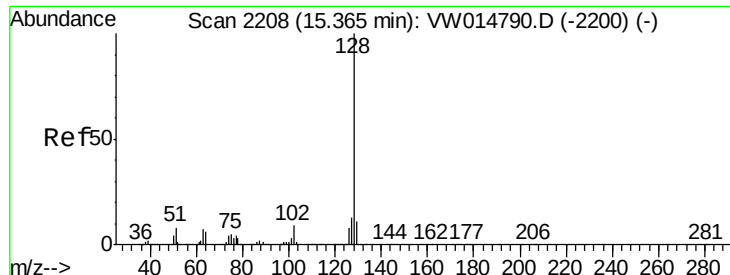
Tgt Ion: 75 Resp: 45592

Ion Ratio Lower Upper

75 100

77 35.2 25.8 38.8





#69

Naphthalene

Concen: 1.188 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

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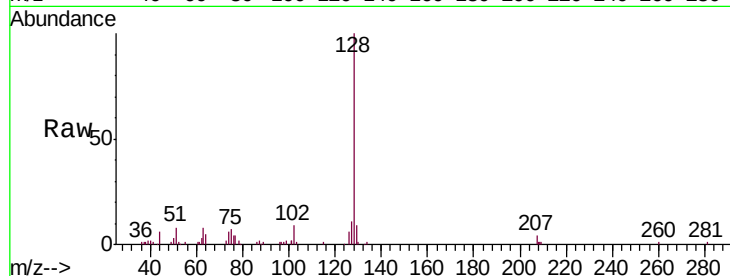
Tgt Ion:128 Resp: 27880

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 14.3 10.5 15.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

